Full&Default Power

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.11	33.00	23.12	23.15	23.11	24.00
GPRS 1 Tx slot	32.02	32.06	32.01	33.00	23.02	23.06	23.01	24.00
GPRS 2 Tx slots	28.91	28.93	28.90	30.00	22.91	22.93	22.90	24.00
GPRS 3 Tx slots	27.25	27.30	27.22	28.20	22.99	23.04	22.96	23.94
GPRS 4 Tx slots	26.09	26.11	26.05	27.00	23.09	23.11	23.05	24.00
EDGE 1 Tx slot	26.00	26.05	26.02	28.00	17.00	17.05	17.02	19.00
EDGE 2 Tx slots	23.98	24.03	23.95	25.00	17.98	18.03	17.95	19.00
EDGE 3 Tx slots	21.99	22.06	22.01	23.20	17.73	17.80	17.75	18.94
EDGE 4 Tx slots	21.15	21.27	21.21	22.00	18.15	18.27	18.21	19.00

WCDMA V Ant0 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.28	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.35	24.22	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.33	23.18	24.00
3GPP Rel 6	HSDPA Subtest-2	23.24	23.35	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	22.74	22.89	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.80	22.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.35	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.39	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.90	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.86	22.67	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.40	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	22.20	22.41	22.17	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.32	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.22	23.32	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.88	20.74	21.50

Band 5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.19	25.21	25.16	25.7	0
10	QPSK	1	25	25.20	25.17	25.07		
10	QPSK	1	49	25.19	25.16	25.07		
10	QPSK	25	0	24.16	24.23	24.22	24.7	1
10	QPSK	25	12	24.19	24.13	24.08		
10	QPSK	25	25	24.14	24.19	24.11		
10	QPSK	50	0	24.16	24.25	24.19		
10	16QAM	1	0	24.11	24.14	24.21	24.7	1
10	16QAM	1	25	24.13	24.10	24.05		
10	16QAM	1	49	24.13	24.14	24.07		
10	16QAM	25	0	23.18	23.22	23.28	23.7	2
10	16QAM	25	12	23.19	23.09	23.03		
10	16QAM	25	25	23.13	23.20	23.15		
10	16QAM	50	0	23.12	23.27	23.24		
10	64QAM	1	0	23.14	23.20	23.21	23.7	2
10	64QAM	1	25	23.14	23.07	23.02		
10	64QAM	1	49	23.14	23.15	23.03		
10	64QAM	25	0	22.13	22.21	22.16	22.7	3
10	64QAM	25	12	22.17	22.17	22.14		
10	64QAM	25	25	22.11	22.21	22.08		
10	64QAM	50	0	22.20	22.21	22.13		
10	256QAM	1	0	20.19	20.28	20.25	20.7	5
10	256QAM	1	25	20.15	20.10	20.11		
10	256QAM	1	49	20.12	20.21	20.16		
10	256QAM	25	0	20.14	20.30	20.16	20.7	5
10	256QAM	25	12	20.05	20.17	20.23		
10	256QAM	25	25	20.16	20.13	20.10		
10	256QAM	50	0	20.18	20.19	20.02		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.16	25.07	25.7	0
5	QPSK	1	12	25.06	25.14	24.97		
5	QPSK	1	24	25.13	25.07	24.96		
5	QPSK	12	0	24.07	24.12	24.15	24.7	1
5	QPSK	12	7	24.06	24.01	24.03		
5	QPSK	12	13	24.09	24.12	24.03		
5	QPSK	25	0	24.10	24.20	24.15		
5	16QAM	1	0	23.99	24.04	24.15	24.7	1
5	16QAM	1	12	24.05	24.02	23.94		
5	16QAM	1	24	24.01	24.06	23.95		
5	16QAM	12	0	23.05	23.14	23.18	23.7	2
5	16QAM	12	7	23.10	23.07	22.90		
5	16QAM	12	13	23.09	23.10	23.10		
5	16QAM	25	0	23.08	23.23	23.22		
5	64QAM	1	0	23.00	23.09	23.12	23.7	2
5	64QAM	1	12	23.11	22.97	22.96		
5	64QAM	1	24	23.08	23.03	22.92		
5	64QAM	12	0	22.03	22.16	22.14	22.7	3
5	64QAM	12	7	22.09	22.14	22.10		
5	64QAM	12	13	22.00	22.18	21.96		
5	64QAM	25	0	22.07	22.08	22.06		
5	256QAM	1	0	20.16	20.17	20.23	20.7	5
5	256QAM	1	12	20.02	20.03	20.05		
5	256QAM	1	24	20.00	20.19	20.02		
5	256QAM	12	0	20.04	20.17	20.05	20.7	5
5	256QAM	12	7	20.01	20.13	20.19		
5	256QAM	12	13	20.04	20.00	20.06		
5	256QAM	25	0	20.07	20.08	19.93		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.14	25.09	25.10	25.7	0
3	QPSK	1	8	25.14	25.15	24.95		
3	QPSK	1	14	25.05	25.05	24.96		
3	QPSK	8	0	24.05	24.20	24.16	24.7	1
3	QPSK	8	4	24.06	23.99	24.03		
3	QPSK	8	7	24.04	24.11	24.01		
3	QPSK	15	0	24.11	24.17	24.16		
3	16QAM	1	0	24.02	24.11	24.15	24.7	1
3	16QAM	1	8	24.09	24.05	23.94		
3	16QAM	1	14	24.00	24.10	23.99		
3	16QAM	8	0	23.08	23.13	23.23	23.7	2
3	16QAM	8	4	23.11	23.03	22.93		
3	16QAM	8	7	23.03	23.08	23.03		
3	16QAM	15	0	23.00	23.24	23.21		
3	64QAM	1	0	23.02	23.17	23.10	23.7	2
3	64QAM	1	8	23.03	22.93	22.90		
3	64QAM	1	14	23.01	23.10	22.96		
3	64QAM	8	0	22.05	22.08	22.09	22.7	3
3	64QAM	8	4	22.05	22.09	22.07		
3	64QAM	8	7	22.01	22.16	21.99		
3	64QAM	15	0	22.10	22.09	22.01		
3	256QAM	1	0	20.11	20.15	20.14	20.7	5
3	256QAM	1	8	20.01	20.05	19.99		
3	256QAM	1	14	20.09	20.07	20.03		
3	256QAM	8	0	20.12	20.18	20.03	20.7	5
3	256QAM	8	4	19.99	20.13	20.21		
3	256QAM	8	7	20.05	20.01	20.00		
3	256QAM	15	0	20.15	20.08	19.99		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.10	25.11	25.14	25.7	0
1.4	QPSK	1	3	25.12	25.05	25.03		
1.4	QPSK	1	5	25.08	25.03	25.05		
1.4	QPSK	3	0	25.00	25.08	25.03		
1.4	QPSK	3	1	25.06	25.03	24.94		
1.4	QPSK	3	3	24.96	24.90	24.97		
1.4	QPSK	6	0	24.10	24.16	24.14	24.7	1
1.4	16QAM	1	0	24.03	24.06	24.08	24.7	1
1.4	16QAM	1	3	24.05	24.02	23.93		
1.4	16QAM	1	5	24.00	24.07	24.02		
1.4	16QAM	3	0	24.02	24.13	24.06		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	23.93	23.90	23.86		
1.4	16QAM	6	0	23.04	23.16	23.16	23.7	2
1.4	64QAM	1	0	23.06	23.11	23.16	23.7	2
1.4	64QAM	1	3	23.02	22.99	22.93		
1.4	64QAM	1	5	23.05	23.07	23.00		
1.4	64QAM	3	0	22.98	23.03	23.06		
1.4	64QAM	3	1	22.98	23.05	23.06		
1.4	64QAM	3	3	22.94	22.97	22.83		
1.4	64QAM	6	0	22.12	22.12	22.10	22.7	3
1.4	256QAM	1	0	20.11	20.21	20.16	20.7	5
1.4	256QAM	1	3	20.01	20.03	20.06		
1.4	256QAM	1	5	19.99	20.18	20.12		
1.4	256QAM	3	0	20.01	20.20	20.02		
1.4	256QAM	3	1	19.99	20.04	20.21		
1.4	256QAM	3	3	20.03	20.00	20.05		
1.4	256QAM	6	0	20.06	20.13	19.99	20.7	5

Band 12 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.72	24.78	24.73	25.5	0
10	QPSK	1	25	24.67	24.71	24.60		
10	QPSK	1	49	24.60	24.69	24.71		
10	QPSK	25	0	23.66	23.82	23.68	24.5	1
10	QPSK	25	12	23.68	23.73	23.55		
10	QPSK	25	25	23.62	23.74	23.66		
10	QPSK	50	0	23.71	23.79	23.75		
10	16QAM	1	0	23.75	23.73	23.72	24.5	1
10	16QAM	1	25	23.65	23.71	23.64		
10	16QAM	1	49	23.61	23.72	23.71		
10	16QAM	25	0	22.64	22.85	22.71	23.5	2
10	16QAM	25	12	22.68	22.70	22.51		
10	16QAM	25	25	22.57	22.74	22.64		
10	16QAM	50	0	22.67	22.81	22.75		
10	64QAM	1	0	22.70	22.79	22.75	23.5	2
10	64QAM	1	25	22.63	22.76	22.69		
10	64QAM	1	49	22.65	22.75	22.70		
10	64QAM	25	0	21.61	21.85	21.71	22.5	3
10	64QAM	25	12	21.72	21.72	21.59		
10	64QAM	25	25	21.59	21.79	21.60		
10	64QAM	50	0	21.67	21.78	21.75		
10	256QAM	1	0	19.67	19.87	19.74	20.5	5
10	256QAM	1	25	19.74	19.73	19.61		
10	256QAM	1	49	19.62	19.73	19.67		
10	256QAM	25	0	19.77	19.85	19.75	20.5	5
10	256QAM	25	12	19.76	19.74	19.77		
10	256QAM	25	25	19.66	19.68	19.66		
10	256QAM	50	0	19.62	19.68	19.77		
Channel				23035	23095	23155	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.63	24.65	24.69	25.5	0
5	QPSK	1	12	24.58	24.69	24.53		
5	QPSK	1	24	24.55	24.61	24.66		
5	QPSK	12	0	23.57	23.74	23.57	24.5	1
5	QPSK	12	7	23.60	23.66	23.51		
5	QPSK	12	13	23.57	23.69	23.55		
5	QPSK	25	0	23.65	23.71	23.61		
5	16QAM	1	0	23.62	23.60	23.62	24.5	1
5	16QAM	1	12	23.53	23.66	23.52		
5	16QAM	1	24	23.51	23.64	23.58		
5	16QAM	12	0	22.56	22.73	22.67	23.5	2
5	16QAM	12	7	22.65	22.62	22.47		
5	16QAM	12	13	22.54	22.62	22.54		
5	16QAM	25	0	22.56	22.73	22.61		
5	64QAM	1	0	22.64	22.71	22.69	23.5	2
5	64QAM	1	12	22.50	22.74	22.62		
5	64QAM	1	24	22.60	22.72	22.60		
5	64QAM	12	0	21.48	21.78	21.66	22.5	3
5	64QAM	12	7	21.60	21.62	21.51		
5	64QAM	12	13	21.48	21.72	21.53		
5	64QAM	25	0	21.65	21.73	21.65		
5	256QAM	1	0	19.54	19.78	19.61	20.5	5
5	256QAM	1	12	19.68	19.67	19.58		
5	256QAM	1	24	19.56	19.66	19.55		
5	256QAM	12	0	19.74	19.78	19.62	20.5	5
5	256QAM	12	7	19.69	19.63	19.75		
5	256QAM	12	13	19.60	19.56	19.62		
5	256QAM	25	0	19.51	19.62	19.73		
Channel				23025	23095	23165	Tune-up limit	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.66	24.74	24.69	25.5	0
3	QPSK	1	8	24.55	24.62	24.49		
3	QPSK	1	14	24.56	24.64	24.64		
3	QPSK	8	0	23.63	23.72	23.61	24.5	1
3	QPSK	8	4	23.59	23.69	23.44		
3	QPSK	8	7	23.52	23.70	23.58		
3	QPSK	15	0	23.59	23.69	23.65		
3	16QAM	1	0	23.63	23.62	23.59	24.5	1
3	16QAM	1	8	23.52	23.57	23.56		
3	16QAM	1	14	23.48	23.61	23.64		
3	16QAM	8	0	22.62	22.73	22.57	23.5	2
3	16QAM	8	4	22.61	22.66	22.45		
3	16QAM	8	7	22.44	22.66	22.60		
3	16QAM	15	0	22.65	22.69	22.66		
3	64QAM	1	0	22.59	22.68	22.68	23.5	2
3	64QAM	1	8	22.61	22.67	22.65		
3	64QAM	1	14	22.57	22.68	22.59		
3	64QAM	8	0	21.57	21.74	21.59	22.5	3
3	64QAM	8	4	21.60	21.66	21.47		
3	64QAM	8	7	21.47	21.73	21.49		
3	64QAM	15	0	21.54	21.66	21.71		
3	256QAM	1	0	19.55	19.76	19.70	20.5	5
3	256QAM	1	8	19.64	19.70	19.53		
3	256QAM	1	14	19.56	19.61	19.61		
3	256QAM	8	0	19.73	19.81	19.64	20.5	5
3	256QAM	8	4	19.64	19.60	19.65		
3	256QAM	8	7	19.58	19.62	19.55		
3	256QAM	15	0	19.57	19.61	19.65		
Channel				23017	23095	23173	Tune-up limit	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.66	24.74	24.61	25.5	0
1.4	QPSK	1	3	24.63	24.64	24.49		
1.4	QPSK	1	5	24.57	24.64	24.59		
1.4	QPSK	3	0	24.57	24.71	24.55		
1.4	QPSK	3	1	24.57	24.51	24.39		
1.4	QPSK	3	3	24.54	24.52	24.48		
1.4	QPSK	6	0	23.66	23.72	23.70	24.5	1
1.4	16QAM	1	0	23.66	23.60	23.64	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.55		
1.4	16QAM	1	5	23.59	23.67	23.60		
1.4	16QAM	3	0	23.54	23.64	23.65		
1.4	16QAM	3	1	23.57	23.54	23.59		
1.4	16QAM	3	3	23.54	23.51	23.43		
1.4	16QAM	6	0	22.56	22.69	22.62	23.5	2
1.4	64QAM	1	0	22.64	22.72	22.62	23.5	2
1.4	64QAM	1	3	22.49	22.67	22.59		
1.4	64QAM	1	5	22.63	22.69	22.62		
1.4	64QAM	3	0	22.43	22.63	22.49		
1.4	64QAM	3	1	22.52	22.70	22.60		
1.4	64QAM	3	3	22.39	22.61	22.56		
1.4	64QAM	6	0	21.61	21.66	21.70	22.5	3
1.4	256QAM	1	0	19.64	19.80	19.69	20.5	5
1.4	256QAM	1	3	19.63	19.67	19.49		
1.4	256QAM	1	5	19.53	19.70	19.59		
1.4	256QAM	3	0	19.68	19.71	19.68		
1.4	256QAM	3	1	19.65	19.68	19.73		
1.4	256QAM	3	3	19.64	19.55	19.60		
1.4	256QAM	6	0	19.59	19.56	19.70	20.5	5

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.14		25.7	0
10	QPSK	1	25		25.10			
10	QPSK	1	49		25.07			
10	QPSK	25	0		24.10		24.7	1
10	QPSK	25	12		24.08			
10	QPSK	25	25		24.09			
10	QPSK	50	0		24.08			
10	16QAM	1	0		24.05		24.7	1
10	16QAM	1	25		24.03			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.06		23.7	2
10	16QAM	25	12		23.07			
10	16QAM	25	25		23.13			
10	16QAM	50	0		23.07			
10	64QAM	1	0		23.02		23.7	2
10	64QAM	1	25		22.98			
10	64QAM	1	49		22.97			
10	64QAM	25	0		22.10		22.7	3
10	64QAM	25	12		22.08			
10	64QAM	25	25		22.05			
10	64QAM	50	0		22.09			
10	256QAM	1	0		20.05		20.7	5
10	256QAM	1	25		20.04			
10	256QAM	1	49		20.11			
10	256QAM	25	0		20.06		20.7	5
10	256QAM	25	12		20.05			
10	256QAM	25	25		19.98			
10	256QAM	50	0		19.96			
Channel				23205	23230	23255	Tune-up limit	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	25.08	25.11	25.06	25.7	0
5	QPSK	1	12	25.07	25.02	25.02		
5	QPSK	1	24	24.99	24.97	25.02		
5	QPSK	12	0	23.98	24.02	24.07	24.7	1
5	QPSK	12	7	23.97	23.99	24.01		
5	QPSK	12	13	24.05	24.02	24.01		
5	QPSK	25	0	24.01	24.02	24.07		
5	16QAM	1	0	24.03	24.05	23.96	24.7	1
5	16QAM	1	12	23.97	23.93	24.02		
5	16QAM	1	24	23.96	23.92	24.00		
5	16QAM	12	0	23.02	23.06	22.98	23.7	2
5	16QAM	12	7	23.06	23.00	22.99		
5	16QAM	12	13	23.13	23.05	23.08		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	22.94	23.00	22.90	23.7	2
5	64QAM	1	12	22.87	22.90	22.87		
5	64QAM	1	24	22.87	22.94	22.95		
5	64QAM	12	0	22.03	22.05	21.99	22.7	3
5	64QAM	12	7	21.98	22.01	21.97		
5	64QAM	12	13	21.96	22.03	21.97		
5	64QAM	25	0	22.06	22.02	22.05		
5	256QAM	1	0	20.00	19.96	19.99	20.7	5
5	256QAM	1	12	19.96	20.01	19.99		
5	256QAM	1	24	20.06	20.06	20.01		
5	256QAM	12	0	20.02	20.00	19.99	20.7	5
5	256QAM	12	7	19.93	19.94	19.95		
5	256QAM	12	13	19.97	19.95	19.90		
5	256QAM	25	0	19.89	19.88	19.84		

Band 17 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.76	24.80	24.74	25.5	0
10	QPSK	1	25	24.66	24.74	24.65		
10	QPSK	1	49	24.75	24.69	24.67		
10	QPSK	25	0	23.77	23.85	23.78	24.5	1
10	QPSK	25	12	23.70	23.72	23.64		
10	QPSK	25	25	23.80	23.67	23.61		
10	QPSK	50	0	23.77	23.79	23.74		
10	16QAM	1	0	23.72	23.76	23.72	24.5	1
10	16QAM	1	25	23.62	23.77	23.71		
10	16QAM	1	49	23.75	23.71	23.68		
10	16QAM	25	0	22.78	22.91	22.82	23.5	2
10	16QAM	25	12	22.67	22.77	22.68		
10	16QAM	25	25	22.80	22.73	22.65		
10	16QAM	50	0	22.78	22.82	22.78		
10	64QAM	1	0	22.66	22.72	22.75	23.5	2
10	64QAM	1	25	22.66	22.71	22.76		
10	64QAM	1	49	22.79	22.70	22.65		
10	64QAM	25	0	21.72	21.87	21.75	22.5	3
10	64QAM	25	12	21.71	21.68	21.67		
10	64QAM	25	25	21.81	21.70	21.63		
10	64QAM	50	0	21.75	21.80	21.71		
10	256QAM	1	0	19.71	19.85	19.74	20.5	5
10	256QAM	1	25	19.75	19.73	19.58		
10	256QAM	1	49	19.74	19.67	19.64		
10	256QAM	25	0	19.82	19.82	19.78	20.5	5
10	256QAM	25	12	19.70	19.80	19.68		
10	256QAM	25	25	19.65	19.72	19.71		
10	256QAM	50	0	19.71	19.65	19.71		
Channel				23755	23790	23825	Tune-up limit	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.70	24.68	24.71	25.5	0
5	QPSK	1	12	24.53	24.70	24.61		
5	QPSK	1	24	24.62	24.65	24.62		
5	QPSK	12	0	23.65	23.81	23.67	24.5	1
5	QPSK	12	7	23.59	23.62	23.55		
5	QPSK	12	13	23.71	23.56	23.55		
5	QPSK	25	0	23.70	23.72	23.71		
5	16QAM	1	0	23.65	23.66	23.66	24.5	1
5	16QAM	1	12	23.58	23.68	23.60		
5	16QAM	1	24	23.73	23.64	23.56		
5	16QAM	12	0	22.76	22.86	22.78	23.5	2
5	16QAM	12	7	22.56	22.71	22.63		
5	16QAM	12	13	22.70	22.59	22.54		
5	16QAM	25	0	22.75	22.73	22.72		
5	64QAM	1	0	22.55	22.67	22.64	23.5	2
5	64QAM	1	12	22.54	22.66	22.63		
5	64QAM	1	24	22.70	22.57	22.55		
5	64QAM	12	0	21.67	21.78	21.70	22.5	3
5	64QAM	12	7	21.66	21.55	21.57		
5	64QAM	12	13	21.74	21.63	21.50		
5	64QAM	25	0	21.64	21.72	21.67		
5	256QAM	1	0	19.68	19.76	19.72	20.5	5
5	256QAM	1	12	19.68	19.69	19.46		
5	256QAM	1	24	19.63	19.61	19.57		
5	256QAM	12	0	19.75	19.72	19.70	20.5	5
5	256QAM	12	7	19.57	19.77	19.54		
5	256QAM	12	13	19.58	19.67	19.58		
5	256QAM	25	0	19.65	19.53	19.64		

Band 26 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.14	25.20	25.15	25.7	0
15	QPSK	1	37	25.09	25.11	25.07		
15	QPSK	1	74	25.10	25.07	25.09		
15	QPSK	36	0	24.13	24.20	24.11	24.7	1
15	QPSK	36	20	24.07	24.15	24.04		
15	QPSK	36	39	24.09	24.07	24.11		
15	QPSK	75	0	24.13	24.16	24.10		
15	16QAM	1	0	24.10	24.15	24.12	24.7	1
15	16QAM	1	37	24.14	24.07	24.05		
15	16QAM	1	74	24.08	24.02	24.08		
15	16QAM	36	0	23.11	23.18	23.05	23.7	2
15	16QAM	36	20	23.04	23.13	23.05		
15	16QAM	36	39	23.09	23.10	23.08		
15	16QAM	75	0	23.18	23.11	23.15		
15	64QAM	1	0	23.15	23.16	23.13	23.7	2
15	64QAM	1	37	23.08	23.01	23.00		
15	64QAM	1	74	23.10	22.97	23.05		
15	64QAM	36	0	22.12	22.15	22.08	22.7	3
15	64QAM	36	20	22.07	22.15	22.04		
15	64QAM	36	39	22.15	22.05	22.10		
15	64QAM	75	0	22.15	22.22	22.08		
15	256QAM	1	0	20.13	20.14	20.06	20.7	5
15	256QAM	1	37	20.10	20.15	20.03		
15	256QAM	1	74	20.10	20.09	20.12		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.07	20.20	20.16		
15	256QAM	36	39	20.20	20.10	19.99		
15	256QAM	75	0	20.08	20.04	20.03		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.08	25.17	25.04	25.7	0
10	QPSK	1	25	24.95	25.02	25.04		
10	QPSK	1	49	25.04	24.98	24.95		
10	QPSK	25	0	24.03	24.11	23.97	24.7	1
10	QPSK	25	12	23.94	24.09	23.98		
10	QPSK	25	25	24.05	24.01	24.04		
10	QPSK	50	0	24.03	24.07	24.04		
10	16QAM	1	0	24.01	24.04	24.03	24.7	1
10	16QAM	1	25	24.07	24.00	24.01		
10	16QAM	1	49	24.03	23.92	23.95		
10	16QAM	25	0	23.09	23.09	22.98	23.7	2
10	16QAM	25	12	22.93	23.02	22.98		
10	16QAM	25	25	23.04	23.03	23.01		
10	16QAM	50	0	23.07	23.09	23.10		
10	64QAM	1	0	23.07	23.10	23.10	23.7	2
10	64QAM	1	25	22.98	22.94	22.97		
10	64QAM	1	49	22.97	22.85	22.99		
10	64QAM	25	0	21.99	22.11	22.05	22.7	3
10	64QAM	25	12	22.00	22.02	21.95		
10	64QAM	25	25	22.07	21.99	21.96		
10	64QAM	50	0	22.11	22.19	22.01		
10	256QAM	1	0	20.08	20.08	20.00	20.7	5
10	256QAM	1	25	19.97	20.11	19.91		
10	256QAM	1	49	20.03	20.05	20.04		
10	256QAM	25	0	20.11	20.14	20.01	20.7	5
10	256QAM	25	12	19.94	20.11	20.14		
10	256QAM	25	25	20.11	20.08	19.95		
10	256QAM	50	0	19.98	19.91	20.01		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.09	25.09	25.09	25.7	0
5	QPSK	1	12	25.00	25.00	25.03		
5	QPSK	1	24	24.97	24.95	25.01		
5	QPSK	12	0	24.07	24.12	23.98	24.7	1
5	QPSK	12	7	23.96	24.04	23.99		
5	QPSK	12	13	24.04	24.05	24.00		
5	QPSK	25	0	24.03	24.02	24.02		
5	16QAM	1	0	24.03	24.02	24.08	24.7	1
5	16QAM	1	12	24.04	24.01	23.96		
5	16QAM	1	24	23.98	23.96	23.95		
5	16QAM	12	0	23.07	23.16	22.99	23.7	2
5	16QAM	12	7	22.99	23.00	23.02		
5	16QAM	12	13	22.96	23.07	23.03		
5	16QAM	25	0	23.06	22.99	23.08		
5	64QAM	1	0	23.10	23.11	23.05	23.7	2
5	64QAM	1	12	23.05	22.98	22.90		
5	64QAM	1	24	23.02	22.89	22.95		
5	64QAM	12	0	22.01	22.06	22.03	22.7	3
5	64QAM	12	7	21.98	22.13	21.96		
5	64QAM	12	13	22.09	21.96	22.05		
5	64QAM	25	0	22.09	22.14	21.94		
5	256QAM	1	0	20.10	20.04	19.99	20.7	5
5	256QAM	1	12	20.01	20.08	19.90		
5	256QAM	1	24	20.03	19.95	20.05		
5	256QAM	12	0	20.12	20.15	19.99	20.7	5
5	256QAM	12	7	19.95	20.07	20.05		
5	256QAM	12	13	20.10	19.98	19.89		
5	256QAM	25	0	20.04	19.95	19.91		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.04	25.11	25.10	25.7	0
3	QPSK	1	8	25.03	25.00	25.04		
3	QPSK	1	14	25.01	24.94	24.99		
3	QPSK	8	0	24.05	24.12	24.00	24.7	1
3	QPSK	8	4	23.94	24.09	23.96		
3	QPSK	8	7	24.04	24.02	24.04		
3	QPSK	15	0	24.08	24.09	24.06		
3	16QAM	1	0	23.97	24.13	24.03	24.7	1
3	16QAM	1	8	24.04	23.95	24.00		
3	16QAM	1	14	24.04	23.92	24.03		
3	16QAM	8	0	23.03	23.13	22.97	23.7	2
3	16QAM	8	4	22.96	23.02	22.95		
3	16QAM	8	7	22.99	22.99	22.97		
3	16QAM	15	0	23.12	23.05	23.11		
3	64QAM	1	0	23.05	23.03	23.04	23.7	2
3	64QAM	1	8	23.05	22.92	22.91		
3	64QAM	1	14	23.02	22.88	22.95		
3	64QAM	8	0	22.08	22.12	21.97	22.7	3
3	64QAM	8	4	21.99	22.09	21.96		
3	64QAM	8	7	22.01	21.95	21.99		
3	64QAM	15	0	22.05	22.11	21.99		
3	256QAM	1	0	20.04	20.09	19.95	20.7	5
3	256QAM	1	8	19.97	20.06	19.99		
3	256QAM	1	14	20.08	19.99	20.08		
3	256QAM	8	0	20.13	20.06	20.06	20.7	5
3	256QAM	8	4	20.03	20.07	20.03		
3	256QAM	8	7	20.18	19.99	19.90		
3	256QAM	15	0	20.00	19.95	19.92		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.11	25.08	25.03	25.7	0
1.4	QPSK	1	3	25.06	24.97	24.94		
1.4	QPSK	1	5	25.04	25.01	25.07		
1.4	QPSK	3	0	25.01	24.94	24.89		
1.4	QPSK	3	1	25.01	24.86	24.88		
1.4	QPSK	3	3	24.92	24.93	25.00		
1.4	QPSK	6	0	24.05	24.09	23.98	24.7	1
1.4	16QAM	1	0	24.05	24.08	23.99	24.7	1
1.4	16QAM	1	3	24.10	23.98	23.93		
1.4	16QAM	1	5	23.98	23.93	23.98		
1.4	16QAM	3	0	24.01	24.06	23.92		
1.4	16QAM	3	1	24.01	24.01	23.91		
1.4	16QAM	3	3	24.04	23.94	23.85		
1.4	16QAM	6	0	23.06	23.08	23.07	23.7	2
1.4	64QAM	1	0	23.07	23.10	23.03	23.7	2
1.4	64QAM	1	3	23.04	22.96	22.91		
1.4	64QAM	1	5	22.99	22.93	22.91		
1.4	64QAM	3	0	22.98	22.95	23.02		
1.4	64QAM	3	1	23.01	23.00	22.91		
1.4	64QAM	3	3	22.92	22.83	22.86		
1.4	64QAM	6	0	22.11	22.16	22.02	22.7	3
1.4	256QAM	1	0	20.01	20.08	19.93	20.7	5
1.4	256QAM	1	3	20.07	20.03	19.95		
1.4	256QAM	1	5	20.06	20.06	20.04		
1.4	256QAM	3	0	20.06	20.08	19.98		
1.4	256QAM	3	1	20.02	20.12	20.12		
1.4	256QAM	3	3	20.10	20.01	19.91		
1.4	256QAM	6	0	20.03	19.93	19.99	20.7	5

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.63	32.11	31.87	32.90	22.63	23.11	22.87	23.90
GPRS 1 Tx slot	31.72	31.99	31.95	32.90	22.72	22.99	22.95	23.90
GPRS 2 Tx slots	28.44	28.46	28.43	29.90	22.44	22.46	22.43	23.90
GPRS 3 Tx slots	26.54	26.59	26.55	28.10	22.28	22.33	22.29	23.84
GPRS 4 Tx slots	25.40	25.45	25.38	26.90	22.40	22.45	22.38	23.90
EDGE 1 Tx slot	26.49	26.55	26.51	27.90	17.49	17.55	17.51	18.90
EDGE 2 Tx slots	23.91	23.96	23.93	24.90	17.91	17.96	17.93	18.90
EDGE 3 Tx slots	22.20	22.21	22.18	23.10	17.94	17.95	17.92	18.84
EDGE 4 Tx slots	20.68	20.76	20.72	21.90	17.68	17.76	17.72	18.90

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.27	23.33	23.19	24.70
3GPP Rel 99	RMC 12.2Kbps	23.32	23.36	23.29	24.70
3GPP Rel 6	HSDPA Subtest-1	22.36	22.31	22.31	23.70
3GPP Rel 6	HSDPA Subtest-2	22.34	22.39	22.25	23.70
3GPP Rel 6	HSDPA Subtest-3	21.83	21.87	21.76	23.20
3GPP Rel 6	HSDPA Subtest-4	21.83	21.83	21.78	23.20
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.39	22.27	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	22.37	22.39	22.29	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	21.81	21.91	21.75	23.20
3GPP Rel 8	DC-HSDPA Subtest-4	21.76	21.85	21.78	23.20
3GPP Rel 6	HSUPA Subtest-1	22.27	22.33	22.29	23.70
3GPP Rel 6	HSUPA Subtest-2	20.36	20.41	20.26	21.70
3GPP Rel 6	HSUPA Subtest-3	21.35	21.37	21.33	22.70
3GPP Rel 6	HSUPA Subtest-4	20.37	20.39	20.26	21.70
3GPP Rel 6	HSUPA Subtest-5	22.32	22.35	22.30	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.84	19.87	19.73	21.20

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.23	24.31	24.25	25.5	0
10	QPSK	1	25	24.16	24.28	24.20		
10	QPSK	1	49	24.13	24.24	24.15		
10	QPSK	25	0	23.23	23.36	23.25	24.5	1
10	QPSK	25	12	23.15	23.32	23.15		
10	QPSK	25	25	23.14	23.19	23.12		
10	QPSK	50	0	23.24	23.32	23.30		
10	16QAM	1	0	23.21	23.31	23.26	24.5	1
10	16QAM	1	25	23.11	23.31	23.18		
10	16QAM	1	49	23.13	23.26	23.20		
10	16QAM	25	0	22.19	22.34	22.30	23.5	2
10	16QAM	25	12	22.11	22.30	22.11		
10	16QAM	25	25	22.13	22.14	22.14		
10	16QAM	50	0	22.25	22.30	22.35		
10	64QAM	1	0	22.25	22.34	22.30	23.5	2
10	64QAM	1	25	22.10	22.33	22.23		
10	64QAM	1	49	22.08	22.27	22.16		
10	64QAM	25	0	21.19	21.36	21.19	22.5	3
10	64QAM	25	12	21.15	21.28	21.14		
10	64QAM	25	25	21.11	21.24	21.15		
10	64QAM	50	0	21.24	21.30	21.35		
10	256QAM	1	0	19.20	19.41	19.27	20.5	5
10	256QAM	1	25	19.21	19.31	19.11		
10	256QAM	1	49	19.12	19.15	19.09		
10	256QAM	25	0	19.30	19.34	19.35	20.5	5
10	256QAM	25	12	19.22	19.33	19.30		
10	256QAM	25	25	19.16	19.31	19.19		
10	256QAM	50	0	19.08	19.20	19.25		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.18	24.26	24.21	25.5	0
5	QPSK	1	12	24.09	24.22	24.18		
5	QPSK	1	24	24.11	24.16	24.06		
5	QPSK	12	0	23.20	23.33	23.12	24.5	1
5	QPSK	12	7	23.04	23.20	23.05		
5	QPSK	12	13	23.05	23.16	23.05		
5	QPSK	25	0	23.11	23.22	23.17		
5	16QAM	1	0	23.08	23.22	23.13	24.5	1
5	16QAM	1	12	23.03	23.21	23.12		
5	16QAM	1	24	23.00	23.15	23.15		
5	16QAM	12	0	22.07	22.27	22.21	23.5	2
5	16QAM	12	7	22.00	22.22	22.08		
5	16QAM	12	13	22.00	22.02	22.06		
5	16QAM	25	0	22.16	22.21	22.21		
5	64QAM	1	0	22.12	22.26	22.26	23.5	2
5	64QAM	1	12	22.01	22.30	22.15		
5	64QAM	1	24	21.99	22.22	22.11		
5	64QAM	12	0	21.06	21.30	21.16	22.5	3
5	64QAM	12	7	21.07	21.23	21.03		
5	64QAM	12	13	21.05	21.16	21.06		
5	64QAM	25	0	21.16	21.22	21.30		
5	256QAM	1	0	19.17	19.32	19.18	20.5	5
5	256QAM	1	12	19.15	19.29	19.03		
5	256QAM	1	24	19.03	19.12	19.03		
5	256QAM	12	0	19.27	19.25	19.27	20.5	5
5	256QAM	12	7	19.09	19.30	19.27		
5	256QAM	12	13	19.03	19.20	19.13		
5	256QAM	25	0	18.99	19.09	19.14		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.09	24.19	24.18	25.5	0
3	QPSK	1	8	24.02	24.14	24.07		
3	QPSK	1	14	24.00	24.16	24.02		
3	QPSK	8	0	23.20	23.23	23.18	24.5	1
3	QPSK	8	4	23.08	23.20	23.09		
3	QPSK	8	7	23.06	23.08	23.07		
3	QPSK	15	0	23.17	23.23	23.20		
3	16QAM	1	0	23.11	23.18	23.16	24.5	1
3	16QAM	1	8	23.02	23.21	23.14		
3	16QAM	1	14	23.04	23.13	23.15		
3	16QAM	8	0	22.10	22.22	22.19	23.5	2
3	16QAM	8	4	22.03	22.18	22.08		
3	16QAM	8	7	22.04	22.02	22.09		
3	16QAM	15	0	22.21	22.22	22.22		
3	64QAM	1	0	22.14	22.21	22.21	23.5	2
3	64QAM	1	8	22.05	22.30	22.20		
3	64QAM	1	14	22.00	22.24	22.07		
3	64QAM	8	0	21.15	21.23	21.07	22.5	3
3	64QAM	8	4	21.08	21.24	21.10		
3	64QAM	8	7	21.09	21.16	21.05		
3	64QAM	15	0	21.11	21.25	21.30		
3	256QAM	1	0	19.10	19.29	19.22	20.5	5
3	256QAM	1	8	19.16	19.26	19.07		
3	256QAM	1	14	19.05	19.05	19.02		
3	256QAM	8	0	19.24	19.26	19.26	20.5	5
3	256QAM	8	4	19.16	19.22	19.23		
3	256QAM	8	7	19.09	19.25	19.06		
3	256QAM	15	0	18.95	19.13	19.13		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.15	24.21	24.11	25.5	0
1.4	QPSK	1	3	24.02	24.22	24.08		
1.4	QPSK	1	5	23.99	24.11	24.08		
1.4	QPSK	3	0	24.09	24.13	24.00		
1.4	QPSK	3	1	23.99	24.19	24.04		
1.4	QPSK	3	3	23.93	24.05	24.02		
1.4	QPSK	6	0	23.16	23.29	23.17	24.5	1
1.4	16QAM	1	0	23.07	23.19	23.16	24.5	1
1.4	16QAM	1	3	23.00	23.25	23.14		
1.4	16QAM	1	5	23.05	23.20	23.10		
1.4	16QAM	3	0	23.10	23.17	23.08		
1.4	16QAM	3	1	23.03	23.09	23.07		
1.4	16QAM	3	3	22.89	23.19	23.10		
1.4	16QAM	6	0	22.14	22.23	22.30	23.5	2
1.4	64QAM	1	0	22.11	22.27	22.19	23.5	2
1.4	64QAM	1	3	22.07	22.26	22.12		
1.4	64QAM	1	5	21.94	22.15	22.08		
1.4	64QAM	3	0	22.05	22.16	22.23		
1.4	64QAM	3	1	22.02	22.21	22.05		
1.4	64QAM	3	3	21.99	22.18	22.01		
1.4	64QAM	6	0	21.13	21.23	21.28	22.5	3
1.4	256QAM	1	0	19.11	19.30	19.15	20.5	5
1.4	256QAM	1	3	19.17	19.23	19.00		
1.4	256QAM	1	5	19.00	19.02	18.99		
1.4	256QAM	3	0	19.28	19.20	19.29		
1.4	256QAM	3	1	19.19	19.26	19.26		
1.4	256QAM	3	3	19.13	19.18	19.15		
1.4	256QAM	6	0	18.95	19.18	19.17	20.5	5

Band 12 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.10	24.15	24.08	25	0
10	QPSK	1	25	24.01	24.11	23.97		
10	QPSK	1	49	23.98	24.05	23.96		
10	QPSK	25	0	23.08	23.18	23.06	24	1
10	QPSK	25	12	23.04	23.10	22.92		
10	QPSK	25	25	22.95	23.00	22.96		
10	QPSK	50	0	23.06	23.17	23.03		
10	16QAM	1	0	23.06	23.12	23.03	24	1
10	16QAM	1	25	23.03	23.10	23.02		
10	16QAM	1	49	22.96	23.09	22.91		
10	16QAM	25	0	22.04	22.24	22.04	23	2
10	16QAM	25	12	22.01	22.08	21.91		
10	16QAM	25	25	22.01	21.99	21.98		
10	16QAM	50	0	22.12	22.22	22.04		
10	64QAM	1	0	22.11	22.06	21.97	23	2
10	64QAM	1	25	21.99	22.16	22.07		
10	64QAM	1	49	21.97	22.03	21.89		
10	64QAM	25	0	21.04	21.23	21.06	22	3
10	64QAM	25	12	20.99	21.15	20.97		
10	64QAM	25	25	20.91	20.97	20.98		
10	64QAM	50	0	21.01	21.12	21.02		
10	256QAM	1	0	19.13	19.17	19.08	20	5
10	256QAM	1	25	19.02	19.14	18.90		
10	256QAM	1	49	18.97	19.03	18.91		
10	256QAM	25	0	19.11	19.22	19.07	20	5
10	256QAM	25	12	19.04	19.14	19.04		
10	256QAM	25	25	19.02	19.08	19.05		
10	256QAM	50	0	18.97	19.09	18.91		
Channel				23035	23095	23155	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.07	24.02	23.94	25	0
5	QPSK	1	12	23.99	23.99	23.84		
5	QPSK	1	24	23.91	24.03	23.87		
5	QPSK	12	0	23.05	23.07	22.96	24	1
5	QPSK	12	7	22.92	23.07	22.79		
5	QPSK	12	13	22.85	22.92	22.84		
5	QPSK	25	0	23.00	23.08	22.93		
5	16QAM	1	0	22.93	23.03	22.95	24	1
5	16QAM	1	12	22.92	23.07	22.96		
5	16QAM	1	24	22.90	23.05	22.84		
5	16QAM	12	0	21.93	22.10	21.93	23	2
5	16QAM	12	7	21.99	21.98	21.79		
5	16QAM	12	13	21.98	21.92	21.84		
5	16QAM	25	0	22.10	22.12	21.97		
5	64QAM	1	0	22.00	21.95	21.86	23	2
5	64QAM	1	12	21.91	22.07	22.01		
5	64QAM	1	24	21.85	21.96	21.86		
5	64QAM	12	0	20.97	21.14	21.04	22	3
5	64QAM	12	7	20.92	21.03	20.90		
5	64QAM	12	13	20.89	20.87	20.96		
5	64QAM	25	0	20.93	21.05	20.93		
5	256QAM	1	0	19.05	19.04	18.99	20	5
5	256QAM	1	12	18.90	19.09	18.77		
5	256QAM	1	24	18.91	18.89	18.81		
5	256QAM	12	0	19.06	19.10	19.04	20	5
5	256QAM	12	7	18.95	19.09	18.98		
5	256QAM	12	13	18.89	19.04	18.98		
5	256QAM	25	0	18.84	19.05	18.83		
Channel				23025	23095	23165	Tune-up limit	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.07	24.13	24.06	25	0
3	QPSK	1	8	23.95	24.02	23.87		
3	QPSK	1	14	23.88	23.95	23.84		
3	QPSK	8	0	22.99	23.10	23.00	24	1
3	QPSK	8	4	22.90	23.06	22.79		
3	QPSK	8	7	22.85	22.90	22.89		
3	QPSK	15	0	23.02	23.06	22.90		
3	16QAM	1	0	22.97	23.09	22.92	24	1
3	16QAM	1	8	22.94	22.98	22.88		
3	16QAM	1	14	22.94	23.04	22.82		
3	16QAM	8	0	22.00	22.13	21.93	23	2
3	16QAM	8	4	21.98	21.97	21.85		
3	16QAM	8	7	21.94	21.85	21.91		
3	16QAM	15	0	22.03	22.09	21.95		
3	64QAM	1	0	22.01	21.96	21.83	23	2
3	64QAM	1	8	21.94	22.11	21.96		
3	64QAM	1	14	21.88	21.94	21.81		
3	64QAM	8	0	20.95	21.15	20.96	22	3
3	64QAM	8	4	20.94	21.06	20.90		
3	64QAM	8	7	20.87	20.86	20.87		
3	64QAM	15	0	20.98	21.03	21.00		
3	256QAM	1	0	19.10	19.12	19.03	20	5
3	256QAM	1	8	18.90	19.08	18.78		
3	256QAM	1	14	18.88	18.92	18.80		
3	256QAM	8	0	19.01	19.18	19.00	20	5
3	256QAM	8	4	18.97	19.07	18.92		
3	256QAM	8	7	18.97	18.94	19.00		
3	256QAM	15	0	18.85	19.01	18.85		
Channel				23017	23095	23173	Tune-up limit	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.97	24.07	23.95	25	0
1.4	QPSK	1	3	23.93	24.04	23.89		
1.4	QPSK	1	5	23.94	23.97	23.85		
1.4	QPSK	3	0	23.91	23.99	23.92		
1.4	QPSK	3	1	23.79	23.93	23.76		
1.4	QPSK	3	3	23.91	23.94	23.81		
1.4	QPSK	6	0	22.93	23.09	23.00	24	1
1.4	16QAM	1	0	22.93	23.09	22.97	24	1
1.4	16QAM	1	3	22.95	23.07	22.92		
1.4	16QAM	1	5	22.86	23.04	22.79		
1.4	16QAM	3	0	22.79	22.99	22.87		
1.4	16QAM	3	1	22.89	23.05	22.84		
1.4	16QAM	3	3	22.91	23.05	22.81		
1.4	16QAM	6	0	22.05	22.10	21.99	23	2
1.4	64QAM	1	0	22.04	21.92	21.83	23	2
1.4	64QAM	1	3	21.88	22.12	21.99		
1.4	64QAM	1	5	21.92	21.91	21.83		
1.4	64QAM	3	0	21.95	22.01	21.87		
1.4	64QAM	3	1	21.93	21.86	21.70		
1.4	64QAM	3	3	21.81	22.05	21.94		
1.4	64QAM	6	0	20.96	21.00	20.94	22	3
1.4	256QAM	1	0	19.05	19.14	19.05	20	5
1.4	256QAM	1	3	18.95	19.01	18.80		
1.4	256QAM	1	5	18.84	18.96	18.78		
1.4	256QAM	3	0	19.08	19.15	19.02		
1.4	256QAM	3	1	18.92	19.06	19.01		
1.4	256QAM	3	3	18.98	18.98	18.98		
1.4	256QAM	6	0	18.85	19.00	18.77	20	5

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.53		25.5	0
10	QPSK	1	25		24.49			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.56		24.5	1
10	QPSK	25	12		23.44			
10	QPSK	25	25		23.49			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.48		24.5	1
10	16QAM	1	25		23.44			
10	16QAM	1	49		23.39			
10	16QAM	25	0		22.57		23.5	2
10	16QAM	25	12		22.45			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.59			
10	64QAM	1	0		22.52		23.5	2
10	64QAM	1	25		22.47			
10	64QAM	1	49		22.36			
10	64QAM	25	0		21.59		22.5	3
10	64QAM	25	12		21.47			
10	64QAM	25	25		21.45			
10	64QAM	50	0		21.59			
10	256QAM	1	0		19.53		20.5	5
10	256QAM	1	25		19.43			
10	256QAM	1	49		19.48			
10	256QAM	25	0		19.56		20.5	5
10	256QAM	25	12		19.47			
10	256QAM	25	25		19.39			
10	256QAM	50	0		19.40			
Channel				23205	23230	23255	Tune-up limit	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.42	24.48	24.43	25.5	0
5	QPSK	1	12	24.38	24.35	24.38		
5	QPSK	1	24	24.39	24.32	24.39		
5	QPSK	12	0	23.48	23.51	23.47	24.5	1
5	QPSK	12	7	23.40	23.32	23.31		
5	QPSK	12	13	23.42	23.37	23.42		
5	QPSK	25	0	23.50	23.43	23.47		
5	16QAM	1	0	23.45	23.42	23.45	24.5	1
5	16QAM	1	12	23.39	23.37	23.33		
5	16QAM	1	24	23.27	23.27	23.26		
5	16QAM	12	0	22.44	22.47	22.44	23.5	2
5	16QAM	12	7	22.33	22.32	22.40		
5	16QAM	12	13	22.49	22.48	22.41		
5	16QAM	25	0	22.50	22.51	22.51		
5	64QAM	1	0	22.40	22.43	22.42	23.5	2
5	64QAM	1	12	22.44	22.43	22.33		
5	64QAM	1	24	22.34	22.30	22.27		
5	64QAM	12	0	21.46	21.51	21.53	22.5	3
5	64QAM	12	7	21.36	21.33	21.40		
5	64QAM	12	13	21.33	21.34	21.37		
5	64QAM	25	0	21.45	21.52	21.57		
5	256QAM	1	0	19.41	19.43	19.41	20.5	5
5	256QAM	1	12	19.36	19.40	19.41		
5	256QAM	1	24	19.43	19.44	19.45		
5	256QAM	12	0	19.54	19.49	19.43	20.5	5
5	256QAM	12	7	19.34	19.35	19.45		
5	256QAM	12	13	19.30	19.25	19.26		
5	256QAM	25	0	19.27	19.38	19.27		

Band 17 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.96	24.10	23.94	25	0
10	QPSK	1	25	23.92	24.08	23.89		
10	QPSK	1	49	23.94	24.00	23.86		
10	QPSK	25	0	23.05	23.16	22.92	24	1
10	QPSK	25	12	22.96	23.00	22.87		
10	QPSK	25	25	22.86	22.94	22.87		
10	QPSK	50	0	23.01	23.09	22.95		
10	16QAM	1	0	22.93	23.01	22.97	24	1
10	16QAM	1	25	23.00	23.05	22.95		
10	16QAM	1	49	22.94	22.96	22.88		
10	16QAM	25	0	21.98	22.18	21.98	23	2
10	16QAM	25	12	21.91	21.98	21.79		
10	16QAM	25	25	21.95	21.86	21.84		
10	16QAM	50	0	22.05	22.12	21.95		
10	64QAM	1	0	22.09	22.03	21.93	23	2
10	64QAM	1	25	21.89	22.05	21.98		
10	64QAM	1	49	21.93	21.97	21.84		
10	64QAM	25	0	20.95	21.15	20.95	22	3
10	64QAM	25	12	20.88	21.05	20.85		
10	64QAM	25	25	20.82	20.89	20.94		
10	64QAM	50	0	20.88	21.04	20.91		
10	256QAM	1	0	19.00	19.05	18.94	20	5
10	256QAM	1	25	18.96	19.05	18.84		
10	256QAM	1	49	18.91	18.98	18.80		
10	256QAM	25	0	19.08	19.20	18.95	20	5
10	256QAM	25	12	18.93	19.11	19.02		
10	256QAM	25	25	18.97	19.04	18.95		
10	256QAM	50	0	18.85	19.01	18.77		
Channel				23755	23790	23825	Tune-up limit	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.06	23.89	25	0
5	QPSK	1	12	23.90	24.01	23.80		
5	QPSK	1	24	23.86	23.87	23.76		
5	QPSK	12	0	23.02	23.12	22.89	24	1
5	QPSK	12	7	22.91	22.92	22.81		
5	QPSK	12	13	22.75	22.90	22.78		
5	QPSK	25	0	22.88	23.05	22.83		
5	16QAM	1	0	22.82	22.89	22.87	24	1
5	16QAM	1	12	22.94	23.01	22.82		
5	16QAM	1	24	22.83	22.94	22.79		
5	16QAM	12	0	21.86	22.05	21.90	23	2
5	16QAM	12	7	21.82	21.93	21.67		
5	16QAM	12	13	21.83	21.80	21.80		
5	16QAM	25	0	21.97	21.99	21.89		
5	64QAM	1	0	21.98	21.99	21.80	23	2
5	64QAM	1	12	21.76	22.03	21.86		
5	64QAM	1	24	21.90	21.90	21.77		
5	64QAM	12	0	20.89	21.07	20.91	22	3
5	64QAM	12	7	20.76	20.92	20.72		
5	64QAM	12	13	20.75	20.84	20.90		
5	64QAM	25	0	20.85	21.00	20.77		
5	256QAM	1	0	18.91	18.99	18.91	20	5
5	256QAM	1	12	18.90	18.92	18.74		
5	256QAM	1	24	18.81	18.90	18.69		
5	256QAM	12	0	18.94	19.12	18.85	20	5
5	256QAM	12	7	18.87	19.05	19.00		
5	256QAM	12	13	18.85	18.91	18.92		
5	256QAM	25	0	18.78	18.93	18.69		

Band 26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.37	24.57	24.40	25.5	0
15	QPSK	1	37	24.36	24.42	24.46		
15	QPSK	1	74	24.31	24.47	24.37		
15	QPSK	36	0	23.43	23.61	23.45	24.5	1
15	QPSK	36	20	23.31	23.46	23.31		
15	QPSK	36	39	23.29	23.36	23.26		
15	QPSK	75	0	23.50	23.53	23.51		
15	16QAM	1	0	23.37	23.46	23.50	24.5	1
15	16QAM	1	37	23.29	23.48	23.34		
15	16QAM	1	74	23.38	23.46	23.35		
15	16QAM	36	0	22.35	22.53	22.53	23.5	2
15	16QAM	36	20	22.34	22.45	22.34		
15	16QAM	36	39	22.33	22.30	22.32		
15	16QAM	75	0	22.47	22.55	22.58		
15	64QAM	1	0	22.43	22.54	22.45	23.5	2
15	64QAM	1	37	22.28	22.56	22.40		
15	64QAM	1	74	22.32	22.51	22.35		
15	64QAM	36	0	21.38	21.53	21.36	22.5	3
15	64QAM	36	20	21.34	21.52	21.39		
15	64QAM	36	39	21.34	21.48	21.39		
15	64QAM	75	0	21.39	21.46	21.61		
15	256QAM	1	0	19.41	19.60	19.50	20.5	5
15	256QAM	1	37	19.44	19.48	19.28		
15	256QAM	1	74	19.34	19.30	19.27		
15	256QAM	36	0	19.53	19.51	19.52	20.5	5
15	256QAM	36	20	19.41	19.57	19.45		
15	256QAM	36	39	19.31	19.52	19.40		
15	256QAM	75	0	19.32	19.42	19.40		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.27	24.47	24.35	25.5	0
10	QPSK	1	25	24.32	24.32	24.35		
10	QPSK	1	49	24.27	24.36	24.26		
10	QPSK	25	0	23.37	23.57	23.40	24.5	1
10	QPSK	25	12	23.17	23.37	23.18		
10	QPSK	25	25	23.16	23.26	23.17		
10	QPSK	50	0	23.38	23.44	23.48		
10	16QAM	1	0	23.31	23.34	23.36	24.5	1
10	16QAM	1	25	23.26	23.42	23.26		
10	16QAM	1	49	23.27	23.34	23.22		
10	16QAM	25	0	22.31	22.47	22.47	23.5	2
10	16QAM	25	12	22.28	22.39	22.21		
10	16QAM	25	25	22.27	22.28	22.22		
10	16QAM	50	0	22.35	22.42	22.45		
10	64QAM	1	0	22.37	22.42	22.39	23.5	2
10	64QAM	1	25	22.15	22.47	22.27		
10	64QAM	1	49	22.19	22.44	22.32		
10	64QAM	25	0	21.28	21.45	21.33	22.5	3
10	64QAM	25	12	21.30	21.46	21.31		
10	64QAM	25	25	21.21	21.45	21.28		
10	64QAM	50	0	21.36	21.42	21.58		
10	256QAM	1	0	19.28	19.47	19.41	20.5	5
10	256QAM	1	25	19.39	19.45	19.23		
10	256QAM	1	49	19.31	19.24	19.25		
10	256QAM	25	0	19.50	19.45	19.44	20.5	5
10	256QAM	25	12	19.32	19.54	19.42		
10	256QAM	25	25	19.28	19.46	19.36		
10	256QAM	50	0	19.27	19.37	19.31		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.55	24.35	25.5	0
5	QPSK	1	12	24.25	24.31	24.42		
5	QPSK	1	24	24.21	24.34	24.25		
5	QPSK	12	0	23.29	23.58	23.40	24.5	1
5	QPSK	12	7	23.27	23.38	23.26		
5	QPSK	12	13	23.24	23.25	23.18		
5	QPSK	25	0	23.45	23.45	23.45		
5	16QAM	1	0	23.23	23.43	23.38	24.5	1
5	16QAM	1	12	23.22	23.46	23.31		
5	16QAM	1	24	23.31	23.40	23.31		
5	16QAM	12	0	22.30	22.42	22.42	23.5	2
5	16QAM	12	7	22.31	22.35	22.20		
5	16QAM	12	13	22.23	22.25	22.24		
5	16QAM	25	0	22.40	22.46	22.54		
5	64QAM	1	0	22.31	22.48	22.32	23.5	2
5	64QAM	1	12	22.22	22.48	22.29		
5	64QAM	1	24	22.26	22.38	22.26		
5	64QAM	12	0	21.32	21.48	21.23	22.5	3
5	64QAM	12	7	21.22	21.48	21.35		
5	64QAM	12	13	21.27	21.42	21.28		
5	64QAM	25	0	21.27	21.32	21.54		
5	256QAM	1	0	19.37	19.55	19.44	20.5	5
5	256QAM	1	12	19.32	19.34	19.25		
5	256QAM	1	24	19.31	19.25	19.14		
5	256QAM	12	0	19.41	19.37	19.45	20.5	5
5	256QAM	12	7	19.39	19.46	19.33		
5	256QAM	12	13	19.25	19.45	19.28		
5	256QAM	25	0	19.23	19.32	19.31		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.29	24.47	24.27	25.5	0
3	QPSK	1	8	24.26	24.32	24.32		
3	QPSK	1	14	24.26	24.36	24.34		
3	QPSK	8	0	23.40	23.58	23.38	24.5	1
3	QPSK	8	4	23.18	23.42	23.25		
3	QPSK	8	7	23.20	23.32	23.18		
3	QPSK	15	0	23.45	23.43	23.49		
3	16QAM	1	0	23.28	23.42	23.40	24.5	1
3	16QAM	1	8	23.24	23.38	23.29		
3	16QAM	1	14	23.31	23.42	23.23		
3	16QAM	8	0	22.23	22.44	22.48	23.5	2
3	16QAM	8	4	22.30	22.37	22.30		
3	16QAM	8	7	22.30	22.26	22.18		
3	16QAM	15	0	22.34	22.45	22.53		
3	64QAM	1	0	22.32	22.46	22.36	23.5	2
3	64QAM	1	8	22.25	22.43	22.29		
3	64QAM	1	14	22.19	22.38	22.23		
3	64QAM	8	0	21.31	21.49	21.25	22.5	3
3	64QAM	8	4	21.26	21.40	21.26		
3	64QAM	8	7	21.20	21.40	21.37		
3	64QAM	15	0	21.36	21.40	21.49		
3	256QAM	1	0	19.37	19.56	19.46	20.5	5
3	256QAM	1	8	19.40	19.40	19.23		
3	256QAM	1	14	19.29	19.24	19.23		
3	256QAM	8	0	19.42	19.38	19.44	20.5	5
3	256QAM	8	4	19.31	19.51	19.35		
3	256QAM	8	7	19.21	19.46	19.29		
3	256QAM	15	0	19.26	19.29	19.29		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.24	24.52	24.36	25.5	0
1.4	QPSK	1	3	24.28	24.30	24.35		
1.4	QPSK	1	5	24.22	24.34	24.30		
1.4	QPSK	3	0	24.13	24.48	24.30		
1.4	QPSK	3	1	24.19	24.18	24.21		
1.4	QPSK	3	3	24.14	24.25	24.19		
1.4	QPSK	6	0	23.38	23.45	23.48	24.5	1
1.4	16QAM	1	0	23.23	23.36	23.46	24.5	1
1.4	16QAM	1	3	23.17	23.40	23.23		
1.4	16QAM	1	5	23.35	23.36	23.28		
1.4	16QAM	3	0	23.31	23.34	23.35		
1.4	16QAM	3	1	23.09	23.26	23.32		
1.4	16QAM	3	3	23.07	23.35	23.19		
1.4	16QAM	6	0	22.36	22.42	22.54	23.5	2
1.4	64QAM	1	0	22.38	22.45	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.43	22.37		
1.4	64QAM	1	5	22.28	22.49	22.25		
1.4	64QAM	3	0	22.27	22.34	22.40		
1.4	64QAM	3	1	22.33	22.42	22.34		
1.4	64QAM	3	3	22.04	22.38	22.28		
1.4	64QAM	6	0	21.37	21.35	21.50	22.5	3
1.4	256QAM	1	0	19.29	19.52	19.37	20.5	5
1.4	256QAM	1	3	19.39	19.40	19.17		
1.4	256QAM	1	5	19.27	19.22	19.24		
1.4	256QAM	3	0	19.40	19.44	19.39		
1.4	256QAM	3	1	19.32	19.43	19.34		
1.4	256QAM	3	3	19.17	19.47	19.36		
1.4	256QAM	6	0	19.27	19.35	19.38	20.5	5

Band 4 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.87	24.95	24.91	25.7	0
20	QPSK	1	49	24.78	24.91	24.81		
20	QPSK	1	99	24.83	24.88	24.79		
20	QPSK	50	0	23.93	23.99	23.89	24.7	1
20	QPSK	50	24	23.83	23.97	23.81		
20	QPSK	50	50	23.88	23.85	23.77		
20	QPSK	100	0	23.89	23.94	23.93		
20	16QAM	1	0	23.83	23.93	23.89	24.7	1
20	16QAM	1	49	23.74	23.92	23.87		
20	16QAM	1	99	23.83	23.85	23.83		
20	16QAM	50	0	22.96	23.02	22.92	23.7	2
20	16QAM	50	24	22.81	22.94	22.81		
20	16QAM	50	50	22.87	22.81	22.74		
20	16QAM	100	0	22.90	22.96	22.98		
20	64QAM	1	0	22.79	22.99	22.90	23.7	2
20	64QAM	1	49	22.70	22.87	22.84		
20	64QAM	1	99	22.87	22.83	22.86		
20	64QAM	50	0	21.92	22.01	21.92	22.7	3
20	64QAM	50	24	21.82	21.97	21.78		
20	64QAM	50	50	21.91	21.84	21.79		
20	64QAM	100	0	21.88	21.93	21.95		
20	256QAM	1	0	19.96	20.04	19.85	20.7	5
20	256QAM	1	49	19.82	19.94	19.77		
20	256QAM	1	99	19.86	19.84	19.76		
20	256QAM	50	0	19.86	19.89	19.88	20.7	5
20	256QAM	50	24	19.86	19.93	19.92		
20	256QAM	50	50	19.77	19.88	19.83		
20	256QAM	100	0	19.79	19.81	19.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.79	24.82	24.84	25.7	0
15	QPSK	1	37	24.68	24.82	24.77		
15	QPSK	1	74	24.71	24.75	24.67		
15	QPSK	36	0	23.80	23.85	23.87	24.7	1
15	QPSK	36	20	23.75	23.89	23.71		
15	QPSK	36	39	23.81	23.80	23.71		
15	QPSK	75	0	23.81	23.92	23.89		
15	16QAM	1	0	23.70	23.91	23.81	24.7	1
15	16QAM	1	37	23.63	23.79	23.84		
15	16QAM	1	74	23.75	23.74	23.80		
15	16QAM	36	0	22.88	22.94	22.79	23.7	2
15	16QAM	36	20	22.70	22.90	22.69		
15	16QAM	36	39	22.84	22.73	22.65		
15	16QAM	75	0	22.84	22.92	22.92		
15	64QAM	1	0	22.74	22.94	22.80	23.7	2
15	64QAM	1	37	22.56	22.82	22.81		
15	64QAM	1	74	22.80	22.74	22.80		
15	64QAM	36	0	21.81	21.95	21.87	22.7	3
15	64QAM	36	20	21.79	21.95	21.72		
15	64QAM	36	39	21.78	21.75	21.69		
15	64QAM	75	0	21.82	21.89	21.89		
15	256QAM	1	0	19.94	20.00	19.77	20.7	5
15	256QAM	1	37	19.79	19.89	19.73		
15	256QAM	1	74	19.74	19.73	19.67		
15	256QAM	36	0	19.76	19.86	19.78	20.7	5
15	256QAM	36	20	19.79	19.80	19.84		
15	256QAM	36	39	19.72	19.81	19.79		
15	256QAM	75	0	19.70	19.67	19.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.76	24.90	24.88	25.7	0
10	QPSK	1	25	24.68	24.83	24.75		
10	QPSK	1	49	24.70	24.84	24.76		
10	QPSK	25	0	23.88	23.85	23.77	24.7	1
10	QPSK	25	12	23.75	23.89	23.69		
10	QPSK	25	25	23.85	23.73	23.70		
10	QPSK	50	0	23.84	23.85	23.84		
10	16QAM	1	0	23.74	23.86	23.77	24.7	1
10	16QAM	1	25	23.71	23.86	23.75		
10	16QAM	1	49	23.70	23.82	23.71		
10	16QAM	25	0	22.83	22.99	22.80	23.7	2
10	16QAM	25	12	22.70	22.83	22.75		
10	16QAM	25	25	22.79	22.71	22.71		
10	16QAM	50	0	22.79	22.84	22.88		
10	64QAM	1	0	22.65	22.86	22.83	23.7	2
10	64QAM	1	25	22.66	22.76	22.70		
10	64QAM	1	49	22.74	22.69	22.72		
10	64QAM	25	0	21.84	21.95	21.85	22.7	3
10	64QAM	25	12	21.72	21.86	21.74		
10	64QAM	25	25	21.83	21.80	21.69		
10	64QAM	50	0	21.82	21.83	21.84		
10	256QAM	1	0	19.84	20.02	19.75	20.7	5
10	256QAM	1	25	19.73	19.89	19.65		
10	256QAM	1	49	19.72	19.75	19.73		
10	256QAM	25	0	19.75	19.76	19.82	20.7	5
10	256QAM	25	12	19.83	19.88	19.86		
10	256QAM	25	25	19.69	19.83	19.71		
10	256QAM	50	0	19.72	19.72	19.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.78	24.91	24.79	25.7	0
5	QPSK	1	12	24.73	24.86	24.71		
5	QPSK	1	24	24.76	24.85	24.69		
5	QPSK	12	0	23.84	23.90	23.82	24.7	1
5	QPSK	12	7	23.70	23.89	23.69		
5	QPSK	12	13	23.81	23.82	23.66		
5	QPSK	25	0	23.77	23.86	23.87		
5	16QAM	1	0	23.74	23.82	23.79	24.7	1
5	16QAM	1	12	23.68	23.85	23.77		
5	16QAM	1	24	23.78	23.79	23.79		
5	16QAM	12	0	22.89	22.95	22.89	23.7	2
5	16QAM	12	7	22.68	22.86	22.72		
5	16QAM	12	13	22.77	22.76	22.67		
5	16QAM	25	0	22.88	22.91	22.86		
5	64QAM	1	0	22.69	22.93	22.78	23.7	2
5	64QAM	1	12	22.60	22.79	22.71		
5	64QAM	1	24	22.78	22.79	22.79		
5	64QAM	12	0	21.87	21.90	21.83	22.7	3
5	64QAM	12	7	21.69	21.86	21.75		
5	64QAM	12	13	21.78	21.76	21.71		
5	64QAM	25	0	21.85	21.81	21.90		
5	256QAM	1	0	19.93	19.98	19.71	20.7	5
5	256QAM	1	12	19.77	19.85	19.71		
5	256QAM	1	24	19.82	19.77	19.69		
5	256QAM	12	0	19.79	19.85	19.84	20.7	5
5	256QAM	12	7	19.84	19.81	19.81		
5	256QAM	12	13	19.71	19.82	19.73		
5	256QAM	25	0	19.70	19.70	19.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.79	24.81	24.89	25.7	0
3	QPSK	1	8	24.69	24.77	24.78		
3	QPSK	1	14	24.73	24.83	24.71		
3	QPSK	8	0	23.83	23.96	23.77	24.7	1
3	QPSK	8	4	23.74	23.88	23.68		
3	QPSK	8	7	23.81	23.79	23.69		
3	QPSK	15	0	23.80	23.90	23.87		
3	16QAM	1	0	23.77	23.82	23.87	24.7	1
3	16QAM	1	8	23.72	23.89	23.81		
3	16QAM	1	14	23.72	23.76	23.79		
3	16QAM	8	0	22.94	22.91	22.79	23.7	2
3	16QAM	8	4	22.68	22.84	22.70		
3	16QAM	8	7	22.76	22.69	22.68		
3	16QAM	15	0	22.81	22.88	22.84		
3	64QAM	1	0	22.65	22.89	22.79	23.7	2
3	64QAM	1	8	22.67	22.82	22.73		
3	64QAM	1	14	22.84	22.73	22.81		
3	64QAM	8	0	21.79	21.87	21.82	22.7	3
3	64QAM	8	4	21.76	21.83	21.69		
3	64QAM	8	7	21.79	21.80	21.70		
3	64QAM	15	0	21.75	21.80	21.86		
3	256QAM	1	0	19.92	19.96	19.76	20.7	5
3	256QAM	1	8	19.77	19.89	19.68		
3	256QAM	1	14	19.84	19.70	19.63		
3	256QAM	8	0	19.82	19.79	19.85	20.7	5
3	256QAM	8	4	19.74	19.81	19.85		
3	256QAM	8	7	19.66	19.85	19.72		
3	256QAM	15	0	19.71	19.77	19.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.80	24.93	24.77	25.7	0
1.4	QPSK	1	3	24.70	24.86	24.74		
1.4	QPSK	1	5	24.73	24.80	24.74		
1.4	QPSK	3	0	24.68	24.81	24.65		
1.4	QPSK	3	1	24.59	24.75	24.64		
1.4	QPSK	3	3	24.69	24.66	24.61		
1.4	QPSK	6	0	23.75	23.83	23.87	24.7	1
1.4	16QAM	1	0	23.80	23.82	23.85	24.7	1
1.4	16QAM	1	3	23.61	23.80	23.78		
1.4	16QAM	1	5	23.69	23.83	23.74		
1.4	16QAM	3	0	23.72	23.71	23.80		
1.4	16QAM	3	1	23.69	23.73	23.77		
1.4	16QAM	3	3	23.49	23.73	23.72		
1.4	16QAM	6	0	22.88	22.90	22.87	23.7	2
1.4	64QAM	1	0	22.70	22.90	22.86	23.7	2
1.4	64QAM	1	3	22.63	22.82	22.81		
1.4	64QAM	1	5	22.77	22.77	22.79		
1.4	64QAM	3	0	22.83	22.77	22.74		
1.4	64QAM	3	1	22.57	22.76	22.82		
1.4	64QAM	3	3	22.58	22.76	22.68		
1.4	64QAM	6	0	21.84	21.81	21.83	22.7	3
1.4	256QAM	1	0	19.88	19.90	19.75	20.7	5
1.4	256QAM	1	3	19.78	19.89	19.69		
1.4	256QAM	1	5	19.84	19.76	19.72		
1.4	256QAM	3	0	19.75	19.77	19.77		
1.4	256QAM	3	1	19.84	19.90	19.90		
1.4	256QAM	3	3	19.69	19.85	19.75		
1.4	256QAM	6	0	19.67	19.68	19.76	20.7	5

Band 7 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.74	23.87	23.71	25.5	0
20	QPSK	1	49	23.68	23.70	23.61		
20	QPSK	1	99	23.66	23.68	23.69		
20	QPSK	50	0	22.72	22.82	22.72	24.5	1
20	QPSK	50	24	22.72	22.70	22.64		
20	QPSK	50	50	22.66	22.73	22.65		
20	QPSK	100	0	22.73	22.81	22.73		
20	16QAM	1	0	22.74	22.78	22.75	24.5	1
20	16QAM	1	49	22.68	22.69	22.63		
20	16QAM	1	99	22.67	22.70	22.72		
20	16QAM	50	0	21.71	21.85	21.73	23.5	2
20	16QAM	50	24	21.67	21.75	21.66		
20	16QAM	50	50	21.62	21.74	21.69		
20	16QAM	100	0	21.73	21.80	21.67		
20	64QAM	1	0	21.74	21.79	21.73	23.5	2
20	64QAM	1	49	21.68	21.75	21.66		
20	64QAM	1	99	21.66	21.74	21.72		
20	64QAM	50	0	20.74	20.84	20.75	22.5	3
20	64QAM	50	24	20.72	20.66	20.62		
20	64QAM	50	50	20.65	20.74	20.67		
20	64QAM	100	0	20.67	20.79	20.72		
20	256QAM	1	0	18.71	18.84	18.75	20.5	5
20	256QAM	1	49	18.71	18.71	18.62		
20	256QAM	1	99	18.68	18.78	18.61		
20	256QAM	50	0	18.75	18.80	18.76	20.5	5
20	256QAM	50	24	18.79	18.74	18.81		
20	256QAM	50	50	18.69	18.71	18.65		
20	256QAM	100	0	18.68	18.66	18.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.65	23.68	23.63	25.5	0
15	QPSK	1	37	23.64	23.67	23.53		
15	QPSK	1	74	23.58	23.62	23.62		
15	QPSK	36	0	22.62	22.76	22.70	24.5	1
15	QPSK	36	20	22.66	22.60	22.61		
15	QPSK	36	39	22.58	22.69	22.57		
15	QPSK	75	0	22.61	22.72	22.67		
15	16QAM	1	0	22.66	22.70	22.72	24.5	1
15	16QAM	1	37	22.59	22.60	22.58		
15	16QAM	1	74	22.60	22.66	22.68		
15	16QAM	36	0	21.60	21.74	21.69	23.5	2
15	16QAM	36	20	21.58	21.62	21.56		
15	16QAM	36	39	21.52	21.69	21.66		
15	16QAM	75	0	21.69	21.69	21.65		
15	64QAM	1	0	21.62	21.74	21.62	23.5	2
15	64QAM	1	37	21.63	21.67	21.53		
15	64QAM	1	74	21.58	21.70	21.70		
15	64QAM	36	0	20.67	20.81	20.64	22.5	3
15	64QAM	36	20	20.62	20.56	20.52		
15	64QAM	36	39	20.55	20.62	20.61		
15	64QAM	75	0	20.64	20.67	20.59		
15	256QAM	1	0	18.58	18.75	18.61	20.5	5
15	256QAM	1	37	18.59	18.67	18.51		
15	256QAM	1	74	18.57	18.65	18.57		
15	256QAM	36	0	18.64	18.76	18.64	20.5	5
15	256QAM	36	20	18.66	18.67	18.76		
15	256QAM	36	39	18.55	18.60	18.53		
15	256QAM	75	0	18.63	18.63	18.65		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.60	23.73	23.61	25.5	0
10	QPSK	1	25	23.62	23.56	23.55		
10	QPSK	1	49	23.60	23.60	23.56		
10	QPSK	25	0	22.67	22.76	22.67	24.5	1
10	QPSK	25	12	22.64	22.59	22.52		
10	QPSK	25	25	22.64	22.61	22.57		
10	QPSK	50	0	22.63	22.79	22.67		
10	16QAM	1	0	22.65	22.72	22.68	24.5	1
10	16QAM	1	25	22.62	22.62	22.51		
10	16QAM	1	49	22.65	22.64	22.68		
10	16QAM	25	0	21.68	21.81	21.67	23.5	2
10	16QAM	25	12	21.64	21.62	21.61		
10	16QAM	25	25	21.55	21.63	21.64		
10	16QAM	50	0	21.69	21.68	21.59		
10	64QAM	1	0	21.61	21.71	21.66	23.5	2
10	64QAM	1	25	21.56	21.64	21.54		
10	64QAM	1	49	21.62	21.69	21.68		
10	64QAM	25	0	20.70	20.71	20.71	22.5	3
10	64QAM	25	12	20.65	20.56	20.60		
10	64QAM	25	25	20.58	20.64	20.54		
10	64QAM	50	0	20.58	20.76	20.61		
10	256QAM	1	0	18.65	18.81	18.62	20.5	5
10	256QAM	1	25	18.64	18.60	18.52		
10	256QAM	1	49	18.59	18.66	18.50		
10	256QAM	25	0	18.64	18.66	18.66	20.5	5
10	256QAM	25	12	18.70	18.69	18.67		
10	256QAM	25	25	18.65	18.59	18.57		
10	256QAM	50	0	18.62	18.60	18.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.67	23.63	23.57	25.5	0
5	QPSK	1	12	23.64	23.64	23.58		
5	QPSK	1	24	23.55	23.58	23.57		
5	QPSK	12	0	22.68	22.72	22.63	24.5	1
5	QPSK	12	7	22.63	22.57	22.57		
5	QPSK	12	13	22.59	22.67	22.60		
5	QPSK	25	0	22.67	22.70	22.64		
5	16QAM	1	0	22.66	22.69	22.72	24.5	1
5	16QAM	1	12	22.64	22.63	22.56		
5	16QAM	1	24	22.59	22.63	22.60		
5	16QAM	12	0	21.65	21.77	21.67	23.5	2
5	16QAM	12	7	21.64	21.70	21.53		
5	16QAM	12	13	21.52	21.69	21.60		
5	16QAM	25	0	21.70	21.78	21.61		
5	64QAM	1	0	21.65	21.67	21.66	23.5	2
5	64QAM	1	12	21.60	21.62	21.53		
5	64QAM	1	24	21.60	21.69	21.59		
5	64QAM	12	0	20.67	20.79	20.63	22.5	3
5	64QAM	12	7	20.67	20.56	20.56		
5	64QAM	12	13	20.60	20.67	20.57		
5	64QAM	25	0	20.57	20.69	20.69		
5	256QAM	1	0	18.60	18.71	18.73	20.5	5
5	256QAM	1	12	18.59	18.64	18.55		
5	256QAM	1	24	18.61	18.73	18.52		
5	256QAM	12	0	18.66	18.67	18.63	20.5	5
5	256QAM	12	7	18.71	18.63	18.68		
5	256QAM	12	13	18.66	18.63	18.59		
5	256QAM	25	0	18.58	18.55	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.09	24.13	24.01	25	0
20	QPSK	1	49	24.02	24.08	23.99		
20	QPSK	1	99	24.01	24.02	23.88		
20	QPSK	50	0	23.09	23.18	23.04	24	1
20	QPSK	50	24	23.05	23.12	22.96		
20	QPSK	50	50	23.05	23.02	22.87		
20	QPSK	100	0	23.11	23.15	23.00		
20	16QAM	1	0	23.04	23.11	23.04	24	1
20	16QAM	1	49	22.97	23.11	23.03		
20	16QAM	1	99	22.99	22.98	22.91		
20	16QAM	50	0	22.10	22.20	22.08	23	2
20	16QAM	50	24	22.00	22.13	21.94		
20	16QAM	50	50	22.10	21.97	21.89		
20	16QAM	100	0	22.16	22.18	21.97		
20	64QAM	1	0	21.99	22.05	22.01	23	2
20	64QAM	1	49	21.94	22.10	21.99		
20	64QAM	1	99	21.96	21.99	21.96		
20	64QAM	50	0	21.04	21.17	21.08	22	3
20	64QAM	50	24	21.10	21.16	20.91		
20	64QAM	50	50	21.08	20.96	20.92		
20	64QAM	100	0	21.10	21.12	20.96		
20	256QAM	1	0	19.03	19.22	19.02	20	5
20	256QAM	1	49	19.01	19.11	18.97		
20	256QAM	1	99	19.03	19.04	18.83		
20	256QAM	50	0	19.17	19.13	18.97	20	5
20	256QAM	50	24	18.99	19.14	19.04		
20	256QAM	50	50	19.02	19.08	19.06		
20	256QAM	100	0	19.02	18.93	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.00	24.04	23.94	25	0
15	QPSK	1	37	23.89	23.97	23.88		
15	QPSK	1	74	23.94	23.98	23.79		
15	QPSK	36	0	23.03	23.13	23.00	24	1
15	QPSK	36	20	22.98	22.98	22.87		
15	QPSK	36	39	22.91	22.96	22.81		
15	QPSK	75	0	23.04	23.05	22.91		
15	16QAM	1	0	22.96	22.98	22.97	24	1
15	16QAM	1	37	22.86	23.06	22.94		
15	16QAM	1	74	22.96	22.86	22.84		
15	16QAM	36	0	22.04	22.14	21.98	23	2
15	16QAM	36	20	21.87	22.05	21.80		
15	16QAM	36	39	22.04	21.85	21.83		
15	16QAM	75	0	22.06	22.04	21.93		
15	64QAM	1	0	21.94	22.02	21.93	23	2
15	64QAM	1	37	21.88	22.03	21.93		
15	64QAM	1	74	21.91	21.93	21.90		
15	64QAM	36	0	20.91	21.07	20.97	22	3
15	64QAM	36	20	21.06	21.03	20.80		
15	64QAM	36	39	20.97	20.85	20.84		
15	64QAM	75	0	20.99	21.01	20.85		
15	256QAM	1	0	18.90	19.19	18.94	20	5
15	256QAM	1	37	18.89	19.02	18.88		
15	256QAM	1	74	18.92	18.99	18.72		
15	256QAM	36	0	19.07	19.09	18.89	20	5
15	256QAM	36	20	18.89	19.09	18.97		
15	256QAM	36	39	18.97	19.02	19.01		
15	256QAM	75	0	18.91	18.90	18.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.96	24.04	23.91	25	0
10	QPSK	1	25	23.99	23.95	23.89		
10	QPSK	1	49	23.91	23.89	23.83		
10	QPSK	25	0	22.97	23.12	23.00	24	1
10	QPSK	25	12	22.99	23.07	22.86		
10	QPSK	25	25	23.00	22.91	22.80		
10	QPSK	50	0	23.02	23.04	22.87		
10	16QAM	1	0	23.00	23.02	23.00	24	1
10	16QAM	1	25	22.92	23.01	22.97		
10	16QAM	1	49	22.93	22.86	22.80		
10	16QAM	25	0	22.02	22.06	22.06	23	2
10	16QAM	25	12	21.97	22.05	21.90		
10	16QAM	25	25	22.01	21.89	21.86		
10	16QAM	50	0	22.05	22.15	21.84		
10	64QAM	1	0	21.97	22.02	21.89	23	2
10	64QAM	1	25	21.86	22.04	21.88		
10	64QAM	1	49	21.90	21.90	21.93		
10	64QAM	25	0	21.00	21.14	20.98	22	3
10	64QAM	25	12	21.00	21.12	20.89		
10	64QAM	25	25	20.97	20.93	20.90		
10	64QAM	50	0	21.03	21.07	20.91		
10	256QAM	1	0	18.91	19.09	18.90	20	5
10	256QAM	1	25	18.87	19.04	18.89		
10	256QAM	1	49	18.96	18.95	18.72		
10	256QAM	25	0	19.07	19.01	18.89	20	5
10	256QAM	25	12	18.96	19.10	18.99		
10	256QAM	25	25	18.93	19.02	18.97		
10	256QAM	50	0	18.89	18.84	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.98	23.99	23.94	25	0
5	QPSK	1	12	23.97	24.02	23.91		
5	QPSK	1	24	23.98	23.98	23.78		
5	QPSK	12	0	23.02	23.07	22.94	24	1
5	QPSK	12	7	22.92	23.04	22.93		
5	QPSK	12	13	22.92	22.97	22.76		
5	QPSK	25	0	23.07	23.12	22.95		
5	16QAM	1	0	23.02	23.03	22.98	24	1
5	16QAM	1	12	22.83	22.99	22.92		
5	16QAM	1	24	22.87	22.92	22.78		
5	16QAM	12	0	22.03	22.16	22.00	23	2
5	16QAM	12	7	21.89	22.00	21.85		
5	16QAM	12	13	22.00	21.92	21.79		
5	16QAM	25	0	22.11	22.09	21.93		
5	64QAM	1	0	21.91	22.00	21.91	23	2
5	64QAM	1	12	21.87	22.07	21.90		
5	64QAM	1	24	21.84	21.93	21.91		
5	64QAM	12	0	20.94	21.05	20.96	22	3
5	64QAM	12	7	21.07	21.06	20.80		
5	64QAM	12	13	21.03	20.93	20.89		
5	64QAM	25	0	20.98	21.00	20.82		
5	256QAM	1	0	18.92	19.13	18.93	20	5
5	256QAM	1	12	18.92	19.05	18.91		
5	256QAM	1	24	18.89	19.01	18.77		
5	256QAM	12	0	19.15	19.07	18.94	20	5
5	256QAM	12	7	18.91	19.11	18.98		
5	256QAM	12	13	18.91	19.05	19.02		
5	256QAM	25	0	18.91	18.89	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.02	23.89	25	0
3	QPSK	1	8	23.93	24.04	23.95		
3	QPSK	1	14	23.93	23.99	23.85		
3	QPSK	8	0	23.04	23.14	22.93	24	1
3	QPSK	8	4	22.99	23.04	22.83		
3	QPSK	8	7	22.94	22.94	22.80		
3	QPSK	15	0	23.00	23.07	22.94		
3	16QAM	1	0	22.92	23.05	22.96	24	1
3	16QAM	1	8	22.86	23.04	22.94		
3	16QAM	1	14	22.87	22.95	22.82		
3	16QAM	8	0	22.06	22.16	22.05	23	2
3	16QAM	8	4	21.92	22.07	21.85		
3	16QAM	8	7	22.02	21.89	21.77		
3	16QAM	15	0	22.12	22.11	21.90		
3	64QAM	1	0	21.86	21.99	21.96	23	2
3	64QAM	1	8	21.89	22.06	21.90		
3	64QAM	1	14	21.86	21.96	21.92		
3	64QAM	8	0	21.00	21.14	21.00	22	3
3	64QAM	8	4	20.98	21.14	20.82		
3	64QAM	8	7	21.02	20.83	20.85		
3	64QAM	15	0	21.01	21.10	20.85		
3	256QAM	1	0	18.91	19.11	18.99	20	5
3	256QAM	1	8	18.97	19.00	18.90		
3	256QAM	1	14	18.94	18.93	18.73		
3	256QAM	8	0	19.08	19.11	18.83	20	5
3	256QAM	8	4	18.94	19.04	18.99		
3	256QAM	8	7	18.99	18.95	18.93		
3	256QAM	15	0	18.92	18.82	18.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.02	24.02	23.98	25	0
1.4	QPSK	1	3	23.93	24.05	23.91		
1.4	QPSK	1	5	23.93	23.90	23.81		
1.4	QPSK	3	0	24.00	23.89	23.94		
1.4	QPSK	3	1	23.82	24.02	23.81		
1.4	QPSK	3	3	23.87	23.76	23.74		
1.4	QPSK	6	0	23.03	23.07	22.96	24	1
1.4	16QAM	1	0	22.99	23.07	22.96	24	1
1.4	16QAM	1	3	22.89	23.01	22.98		
1.4	16QAM	1	5	22.95	22.87	22.83		
1.4	16QAM	3	0	23.00	23.01	22.92		
1.4	16QAM	3	1	22.87	23.00	22.94		
1.4	16QAM	3	3	22.81	22.94	22.86		
1.4	16QAM	6	0	22.03	22.08	21.83	23	2
1.4	64QAM	1	0	21.85	21.98	21.91	23	2
1.4	64QAM	1	3	21.84	22.01	21.92		
1.4	64QAM	1	5	21.86	21.92	21.86		
1.4	64QAM	3	0	21.99	22.06	21.81		
1.4	64QAM	3	1	21.73	21.85	21.78		
1.4	64QAM	3	3	21.77	21.90	21.79		
1.4	64QAM	6	0	20.96	21.03	20.93	22	3
1.4	256QAM	1	0	18.91	19.13	18.91	20	5
1.4	256QAM	1	3	18.97	19.06	18.85		
1.4	256QAM	1	5	18.94	18.91	18.76		
1.4	256QAM	3	0	19.07	19.00	18.84		
1.4	256QAM	3	1	18.88	19.03	18.97		
1.4	256QAM	3	3	18.88	18.99	18.96		
1.4	256QAM	6	0	18.98	18.91	18.86	20	5

Band 38 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.05	25	0
20	QPSK	1	49	23.88	24.05	23.98		
20	QPSK	1	99	23.91	24.00	23.96		
20	QPSK	50	0	22.97	23.12	23.00	24	1
20	QPSK	50	24	22.87	22.99	23.00		
20	QPSK	50	50	22.96	22.95	23.00		
20	QPSK	100	0	23.03	23.07	23.10		
20	16QAM	1	0	22.96	23.07	23.05	24	1
20	16QAM	1	49	22.90	23.03	23.00		
20	16QAM	1	99	22.86	22.98	22.98		
20	16QAM	50	0	21.99	22.12	22.00	23	2
20	16QAM	50	24	21.85	21.95	22.04		
20	16QAM	50	50	21.90	21.92	21.95		
20	16QAM	100	0	22.01	22.02	22.05		
20	64QAM	1	0	21.98	22.05	21.99	23	2
20	64QAM	1	49	21.91	22.02	22.05		
20	64QAM	1	99	21.84	21.98	21.95		
20	64QAM	50	0	20.99	21.11	21.05	22	3
20	64QAM	50	24	20.90	21.00	21.05		
20	64QAM	50	50	20.91	20.89	20.96		
20	64QAM	100	0	21.03	21.11	21.09		
20	256QAM	1	0	18.99	19.18	18.99	20	5
20	256QAM	1	49	18.85	19.00	19.00		
20	256QAM	1	99	18.99	18.99	19.06		
20	256QAM	50	0	19.00	19.09	19.15	20	5
20	256QAM	50	24	19.01	19.02	19.09		
20	256QAM	50	50	18.92	19.00	18.98		
20	256QAM	100	0	18.83	18.96	18.93		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.89	24.08	24.02	25	0
15	QPSK	1	37	23.77	23.91	23.86		
15	QPSK	1	74	23.82	23.91	23.87		
15	QPSK	36	0	22.93	22.99	22.94	24	1
15	QPSK	36	20	22.84	22.92	22.91		
15	QPSK	36	39	22.89	22.82	22.94		
15	QPSK	75	0	23.00	22.99	23.00		
15	16QAM	1	0	22.84	22.97	22.99	24	1
15	16QAM	1	37	22.84	22.91	22.95		
15	16QAM	1	74	22.82	22.90	22.92		
15	16QAM	36	0	21.97	22.03	21.97	23	2
15	16QAM	36	20	21.82	21.89	21.93		
15	16QAM	36	39	21.84	21.90	21.89		
15	16QAM	75	0	21.87	21.92	21.94		
15	64QAM	1	0	21.95	21.94	21.87	23	2
15	64QAM	1	37	21.83	21.94	21.98		
15	64QAM	1	74	21.77	21.86	21.93		
15	64QAM	36	0	20.88	21.08	20.99	22	3
15	64QAM	36	20	20.81	20.95	20.91		
15	64QAM	36	39	20.88	20.80	20.87		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	18.86	19.12	18.94	20	5
15	256QAM	1	37	18.72	18.92	18.86		
15	256QAM	1	74	18.88	18.94	18.96		
15	256QAM	36	0	18.89	19.01	19.02	20	5
15	256QAM	36	20	18.92	18.94	19.04		
15	256QAM	36	39	18.81	18.97	18.85		
15	256QAM	75	0	18.75	18.90	18.83		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.95	24.00	24.00	25	0
10	QPSK	1	25	23.76	24.02	23.85		
10	QPSK	1	49	23.82	23.94	23.84		
10	QPSK	25	0	22.85	22.98	22.88	24	1
10	QPSK	25	12	22.81	22.90	22.88		
10	QPSK	25	25	22.94	22.82	22.88		
10	QPSK	50	0	23.00	23.00	22.97		
10	16QAM	1	0	22.92	23.00	23.00	24	1
10	16QAM	1	25	22.81	22.91	22.87		
10	16QAM	1	49	22.78	22.93	22.91		
10	16QAM	25	0	21.87	22.06	21.89	23	2
10	16QAM	25	12	21.81	21.89	21.95		
10	16QAM	25	25	21.81	21.87	21.87		
10	16QAM	50	0	21.90	21.99	22.02		
10	64QAM	1	0	21.85	21.99	21.96	23	2
10	64QAM	1	25	21.80	21.88	22.00		
10	64QAM	1	49	21.75	21.91	21.86		
10	64QAM	25	0	20.87	21.07	20.95	22	3
10	64QAM	25	12	20.81	20.92	20.95		
10	64QAM	25	25	20.82	20.82	20.89		
10	64QAM	50	0	20.92	21.00	20.97		
10	256QAM	1	0	18.85	19.12	18.95	20	5
10	256QAM	1	25	18.76	18.88	18.92		
10	256QAM	1	49	18.96	18.95	18.94		
10	256QAM	25	0	18.92	18.99	19.08	20	5
10	256QAM	25	12	18.97	18.88	19.04		
10	256QAM	25	25	18.81	18.97	18.87		
10	256QAM	50	0	18.70	18.94	18.88		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.90	24.04	24.01	25	0
5	QPSK	1	12	23.84	23.96	23.90		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.94	23.03	22.91	24	1
5	QPSK	12	7	22.79	22.92	22.88		
5	QPSK	12	13	22.84	22.85	22.96		
5	QPSK	25	0	23.01	22.97	23.02		
5	16QAM	1	0	22.89	22.95	23.00	24	1
5	16QAM	1	12	22.80	22.92	22.88		
5	16QAM	1	24	22.78	22.96	22.90		
5	16QAM	12	0	21.86	22.06	21.88	23	2
5	16QAM	12	7	21.80	21.85	21.90		
5	16QAM	12	13	21.83	21.86	21.82		
5	16QAM	25	0	21.95	21.97	22.01		
5	64QAM	1	0	21.94	21.92	21.92	23	2
5	64QAM	1	12	21.86	21.96	21.99		
5	64QAM	1	24	21.72	21.95	21.82		
5	64QAM	12	0	20.90	21.08	20.95	22	3
5	64QAM	12	7	20.80	20.93	20.99		
5	64QAM	12	13	20.87	20.84	20.92		
5	64QAM	25	0	20.97	21.05	21.07		
5	256QAM	1	0	18.94	19.10	18.90	20	5
5	256QAM	1	12	18.76	18.97	18.91		
5	256QAM	1	24	18.87	18.96	18.98		
5	256QAM	12	0	18.96	18.99	19.10	20	5
5	256QAM	12	7	18.96	18.89	19.00		
5	256QAM	12	13	18.83	18.90	18.95		
5	256QAM	25	0	18.72	18.88	18.86		

Band 41 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.02	24.09	24.10	24.06	24.02	25	0
20	QPSK	1	49	23.88	24.05	24.08	23.95	23.96		
20	QPSK	1	99	23.93	23.95	24.04	23.95	23.94		
20	QPSK	50	0	23.02	23.09	23.14	23.06	23.03	24	1
20	QPSK	50	24	22.85	23.05	23.09	23.00	22.95		
20	QPSK	50	50	22.92	22.98	23.06	22.97	22.93		
20	QPSK	100	0	23.08	23.05	23.09	23.08	23.01		
20	16QAM	1	0	23.06	23.12	23.05	23.07	23.06	24	1
20	16QAM	1	49	22.93	23.02	23.07	22.98	23.01		
20	16QAM	1	99	22.90	22.92	23.09	22.98	22.96		
20	16QAM	50	0	22.08	22.03	22.16	22.04	22.05	23	2
20	16QAM	50	24	21.84	22.00	22.06	22.05	21.99		
20	16QAM	50	50	21.88	21.99	22.12	22.02	21.88		
20	16QAM	100	0	22.05	22.00	22.13	22.12	22.05		
20	64QAM	1	0	22.04	22.14	22.02	22.08	22.09	23	2
20	64QAM	1	49	21.90	22.01	22.09	21.95	22.05		
20	64QAM	1	99	21.91	21.95	22.13	21.95	21.94		
20	64QAM	50	0	21.03	21.15	21.19	21.06	21.07	22	3
20	64QAM	50	24	20.90	21.06	21.15	21.04	20.89		
20	64QAM	50	50	20.93	20.95	21.01	21.01	20.99		
20	64QAM	100	0	21.14	21.02	21.10	21.12	20.98		
20	256QAM	1	0	19.07	19.13	19.18	19.05	19.07	20	5
20	256QAM	1	49	18.89	19.05	19.12	19.04	18.95		
20	256QAM	1	99	18.92	19.03	19.03	18.98	18.88		
20	256QAM	50	0	19.09	19.08	19.08	19.08	19.02	20	5
20	256QAM	50	24	19.04	19.11	19.03	19.07	19.10		
20	256QAM	50	50	18.89	19.03	19.04	19.04	19.00		
20	256QAM	100	0	18.93	18.91	19.10	18.99	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.06	24.06	24.04	23.98	25.00	0
15	QPSK	1	37	23.79	23.96	23.97	23.81	23.88		
15	QPSK	1	74	23.86	23.91	24.00	23.83	23.89		
15	QPSK	36	0	22.92	23.02	23.03	22.94	22.97	24	1
15	QPSK	36	20	22.74	22.93	23.00	22.90	22.83		
15	QPSK	36	39	22.89	22.90	22.95	22.93	22.79		
15	QPSK	75	0	22.99	23.02	22.96	23.04	22.87		
15	16QAM	1	0	22.95	23.04	22.92	23.00	22.92	24	1
15	16QAM	1	37	22.84	22.91	22.97	22.92	22.93		
15	16QAM	1	74	22.81	22.86	23.03	22.87	22.88		
15	16QAM	36	0	22.01	21.94	22.09	21.93	21.92	23	2
15	16QAM	36	20	21.71	21.93	21.96	21.92	21.96		
15	16QAM	36	39	21.85	21.94	22.06	21.98	21.85		
15	16QAM	75	0	21.97	21.86	22.10	22.09	21.91		
15	64QAM	1	0	22.00	22.01	21.98	22.01	22.02	23	2
15	64QAM	1	37	21.80	21.94	22.06	21.84	21.95		
15	64QAM	1	74	21.81	21.83	22.06	21.81	21.85		
15	64QAM	36	0	21.00	21.07	21.08	20.93	20.95	22	3
15	64QAM	36	20	20.80	20.95	21.01	20.93	20.80		
15	64QAM	36	39	20.84	20.91	20.92	20.88	20.88		
15	64QAM	75	0	21.05	20.88	21.00	21.04	20.87		
15	256QAM	1	0	19.00	19.03	19.07	18.93	19.00	20	5
15	256QAM	1	37	18.87	19.00	19.08	18.93	18.88		
15	256QAM	1	74	18.88	19.00	18.95	18.90	18.79		
15	256QAM	36	0	19.05	19.02	19.02	18.96	18.99	20	5
15	256QAM	36	20	19.02	18.99	18.92	18.94	19.06		
15	256QAM	36	39	18.80	18.97	18.94	19.00	18.89		
15	256QAM	75	0	18.82	18.89	18.97	18.85	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.99	24.06	23.99	23.91	25.00	0
10	QPSK	1	25	23.82	23.91	23.95	23.90	23.86		
10	QPSK	1	49	23.84	23.91	23.98	23.92	23.83		
10	QPSK	25	0	22.91	23.02	23.04	22.92	22.96	24	1
10	QPSK	25	12	22.72	23.01	22.99	22.93	22.88		
10	QPSK	25	25	22.87	22.90	22.98	22.84	22.89		
10	QPSK	50	0	23.04	22.92	23.00	22.95	22.95		
10	16QAM	1	0	22.93	23.04	22.95	23.04	23.00	24	1
10	16QAM	1	25	22.83	22.90	23.03	22.88	22.97		
10	16QAM	1	49	22.87	22.87	23.02	22.86	22.84		
10	16QAM	25	0	22.05	21.93	22.09	21.90	21.91	23	2
10	16QAM	25	12	21.80	21.88	21.99	21.99	21.95		
10	16QAM	25	25	21.85	21.90	22.02	21.98	21.79		
10	16QAM	50	0	21.93	21.88	22.09	22.09	21.97		
10	64QAM	1	0	21.99	22.01	21.89	21.98	22.00	23	2
10	64QAM	1	25	21.79	21.92	22.06	21.83	21.97		
10	64QAM	1	49	21.77	21.89	22.03	21.92	21.92		
10	64QAM	25	0	20.91	21.06	21.16	21.03	21.00	22	3
10	64QAM	25	12	20.79	21.03	21.11	20.93	20.84		
10	64QAM	25	25	20.84	20.93	20.89	20.98	20.92		
10	64QAM	50	0	21.11	20.89	21.03	21.05	20.90		
10	256QAM	1	0	18.93	19.00	19.14	19.03	18.95	20	5
10	256QAM	1	25	18.85	18.98	19.03	18.92	18.93		
10	256QAM	1	49	18.81	18.95	18.90	18.96	18.84		
10	256QAM	25	0	19.02	19.00	19.02	19.05	18.97	20	5
10	256QAM	25	12	18.92	18.98	18.95	19.05	19.02		
10	256QAM	25	25	18.85	18.97	18.95	18.91	18.90		
10	256QAM	50	0	18.84	18.87	19.02	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	23.96	24.06	23.95	23.94	25.00	0
5	QPSK	1	12	23.75	23.91	24.05	23.84	23.86		
5	QPSK	1	24	23.88	23.85	23.97	23.88	23.83		
5	QPSK	12	0	22.94	23.01	23.06	22.93	22.99	24	1
5	QPSK	12	7	22.76	22.92	23.02	22.93	22.91		
5	QPSK	12	13	22.82	22.95	22.95	22.84	22.85		
5	QPSK	25	0	23.05	22.94	22.99	22.97	22.95		
5	16QAM	1	0	23.04	23.03	22.91	22.94	23.01	24	1
5	16QAM	1	12	22.83	22.88	22.98	22.86	22.91		
5	16QAM	1	24	22.87	22.85	23.01	22.87	22.91		
5	16QAM	12	0	22.05	21.99	22.13	21.96	22.02	23	2
5	16QAM	12	7	21.75	21.95	21.93	21.92	21.86		
5	16QAM	12	13	21.84	21.87	22.02	21.97	21.82		
5	16QAM	25	0	21.99	21.95	22.03	22.06	21.94		
5	64QAM	1	0	21.93	22.07	21.95	22.05	22.05	23	2
5	64QAM	1	12	21.83	21.98	21.96	21.91	21.96		
5	64QAM	1	24	21.82	21.83	22.08	21.83	21.86		
5	64QAM	12	0	20.90	21.03	21.09	20.96	20.95	22	3
5	64QAM	12	7	20.85	20.92	21.06	20.99	20.86		
5	64QAM	12	13	20.83	20.89	20.96	20.97	20.93		
5	64QAM	25	0	21.09	20.93	21.07	21.06	20.89		
5	256QAM	1	0	19.00	19.03	19.15	18.95	18.97	20	5
5	256QAM	1	12	18.84	18.93	18.99	18.99	18.87		
5	256QAM	1	24	18.79	18.98	18.94	18.90	18.86		
5	256QAM	12	0	18.98	19.01	19.03	18.96	18.92	20	5
5	256QAM	12	7	18.94	19.02	18.98	18.94	19.07		
5	256QAM	12	13	18.87	18.95	18.96	18.92	18.96		
5	256QAM	25	0	18.83	18.87	19.06	18.96	18.85		

GSM1900 Ant4 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.99	30.10	30.08	31.50	20.99	21.10	21.08	22.50
GPRS 1 Tx slot	29.91	30.05	30.01	31.50	20.91	21.05	21.01	22.50
GPRS 2 Tx slots	26.92	27.04	27.02	28.50	20.92	21.04	21.02	22.50
GPRS 3 Tx slots	24.98	25.12	25.06	26.70	20.72	20.86	20.80	22.44
GPRS 4 Tx slots	23.87	23.92	23.89	25.50	20.87	20.92	20.89	22.50
EDGE 1 Tx slot	25.90	25.95	25.88	27.00	16.90	16.95	16.88	18.00
EDGE 2 Tx slots	22.68	22.71	22.64	24.00	16.68	16.71	16.64	18.00
EDGE 3 Tx slots	21.08	21.18	21.15	22.20	16.82	16.92	16.89	17.94
EDGE 4 Tx slots	19.28	19.33	19.32	21.00	16.28	16.33	16.32	18.00

WCDMA II Ant4 Default / WCDMA IV Ant4 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.98	24.01	24.03	25.00	24.00	24.01	24.01	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.15	24.13	25.00	24.05	24.11	24.03	25.00
3GPP Rel 6	HSDPA Subtest-1	23.02	23.20	23.15	24.00	22.95	23.12	23.14	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.18	23.13	24.00	23.09	23.12	23.16	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.59	22.65	23.50	22.44	22.57	22.62	23.50
3GPP Rel 6	HSDPA Subtest-4	22.53	22.64	22.62	23.50	22.56	22.65	22.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.10	23.10	24.00	23.05	23.03	23.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.08	23.12	23.09	24.00	23.09	23.05	23.12	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.54	22.63	22.66	23.50	22.54	22.61	22.58	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.68	22.68	23.50	22.58	22.60	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	23.08	23.11	23.11	24.00	23.05	23.09	23.10	24.00
3GPP Rel 6	HSUPA Subtest-2	21.01	21.11	21.14	22.00	20.95	21.13	21.15	22.00
3GPP Rel 6	HSUPA Subtest-3	22.06	22.13	22.10	23.00	22.04	22.13	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	21.00	21.14	21.08	22.00	20.98	21.11	21.05	22.00
3GPP Rel 6	HSUPA Subtest-5	23.00	23.18	23.14	24.00	22.95	23.22	23.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.56	20.67	20.65	21.50	20.54	20.57	20.55	21.50

Band 2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.90	23.93	23.88	25	0
20	QPSK	1	49	23.76	23.90	23.81		
20	QPSK	1	99	23.78	23.89	23.79		
20	QPSK	50	0	22.96	22.97	22.86	24	1
20	QPSK	50	24	22.79	22.94	22.85		
20	QPSK	50	50	22.83	22.86	22.75		
20	QPSK	100	0	22.85	22.92	22.83		
20	16QAM	1	0	22.94	22.88	22.86	24	1
20	16QAM	1	49	22.79	22.91	22.77		
20	16QAM	1	99	22.83	22.87	22.79		
20	16QAM	50	0	21.94	22.02	21.82	23	2
20	16QAM	50	24	21.75	21.91	21.85		
20	16QAM	50	50	21.89	21.83	21.77		
20	16QAM	100	0	21.85	21.95	21.80		
20	64QAM	1	0	21.89	21.91	21.90	23	2
20	64QAM	1	49	21.74	21.92	21.77		
20	64QAM	1	99	21.84	21.83	21.75		
20	64QAM	50	0	20.92	20.93	20.83	22	3
20	64QAM	50	24	20.80	20.94	20.89		
20	64QAM	50	50	20.79	20.88	20.70		
20	64QAM	100	0	20.91	20.89	20.78		
20	256QAM	1	0	18.98	18.93	18.85	20	5
20	256QAM	1	49	18.78	18.89	18.84		
20	256QAM	1	99	18.88	18.87	18.78		
20	256QAM	50	0	18.81	18.90	18.88	20	5
20	256QAM	50	24	18.96	18.94	18.91		
20	256QAM	50	50	18.74	18.95	18.75		
20	256QAM	100	0	18.79	18.93	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.76	23.89	23.81	25	0
[illegible]								
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.85	23.81	25	0
5	QPSK	1	12	23.69	23.84	23.71		
5	QPSK	1	24	23.73	23.81	23.74		
5	QPSK	12	0	22.87	22.85	22.82	24	1
5	QPSK	12	7	22.67	22.91	22.82		
5	QPSK	12	13	22.73	22.77	22.68		
5	QPSK	25	0	22.79	22.86	22.71		
5	16QAM	1	0	22.88	22.80	22.79	24	1
5	16QAM	1	12	22.69	22.86	22.68		
5	16QAM	1	24	22.76	22.81	22.67		
5	16QAM	12	0	21.88	21.99	21.70	23	2
5	16QAM	12	7	21.67	21.83	21.81		
5	16QAM	12	13	21.86	21.70	21.66		
5	16QAM	25	0	21.79	21.84	21.74		
5	64QAM	1	0	21.84	21.79	21.83	23	2
5	64QAM	1	12	21.70	21.82	21.72		
5	64QAM	1	24	21.75	21.79	21.67		
5	64QAM	12	0	20.84	20.83	20.73	22	3
5	64QAM	12	7	20.70	20.89	20.80		
5	64QAM	12	13	20.73	20.83	20.64		
5	64QAM	25	0	20.83	20.86	20.72		
5	256QAM	1	0	18.95	18.89	18.75	20	5
5	256QAM	1	12	18.65	18.82	18.71		
5	256QAM	1	24	18.81	18.77	18.71		
5	256QAM	12	0	18.69	18.81	18.79	20	5
5	256QAM	12	7	18.85	18.91	18.81		
5	256QAM	12	13	18.67	18.84	18.70		
5	256QAM	25	0	18.66	18.81	18.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.81	23.86	23.80	25	0
3	QPSK	1	8	23.66	23.87	23.76		
3	QPSK	1	14	23.76	23.82	23.65		
3	QPSK	8	0	22.84	22.88	22.78	24	1
3	QPSK	8	4	22.71	22.82	22.83		
3	QPSK	8	7	22.77	22.78	22.63		
3	QPSK	15	0	22.74	22.80	22.81		
3	16QAM	1	0	22.91	22.79	22.77	24	1
3	16QAM	1	8	22.72	22.88	22.71		
3	16QAM	1	14	22.70	22.83	22.69		
3	16QAM	8	0	21.84	21.92	21.78	23	2
3	16QAM	8	4	21.61	21.89	21.76		
3	16QAM	8	7	21.83	21.72	21.63		
3	16QAM	15	0	21.79	21.91	21.70		
3	64QAM	1	0	21.77	21.82	21.81	23	2
3	64QAM	1	8	21.64	21.87	21.66		
3	64QAM	1	14	21.75	21.77	21.72		
3	64QAM	8	0	20.88	20.88	20.81	22	3
3	64QAM	8	4	20.71	20.81	20.82		
3	64QAM	8	7	20.73	20.86	20.57		
3	64QAM	15	0	20.85	20.78	20.66		
3	256QAM	1	0	18.94	18.91	18.77	20	5
3	256QAM	1	8	18.69	18.80	18.73		
3	256QAM	1	14	18.76	18.73	18.65		
3	256QAM	8	0	18.67	18.80	18.81	20	5
3	256QAM	8	4	18.83	18.92	18.79		
3	256QAM	8	7	18.70	18.84	18.69		
3	256QAM	15	0	18.65	18.83	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.85	23.82	23.74	25	0
1.4	QPSK	1	3	23.67	23.83	23.72		
1.4	QPSK	1	5	23.75	23.78	23.69		
1.4	QPSK	3	0	23.81	23.72	23.72		
1.4	QPSK	3	1	23.58	23.78	23.69		
1.4	QPSK	3	3	23.62	23.70	23.63		
1.4	QPSK	6	0	22.78	22.88	22.70	24	1
1.4	16QAM	1	0	22.82	22.75	22.83	24	1
1.4	16QAM	1	3	22.77	22.85	22.72		
1.4	16QAM	1	5	22.70	22.77	22.74		
1.4	16QAM	3	0	22.72	22.78	22.62		
1.4	16QAM	3	1	22.73	22.69	22.72		
1.4	16QAM	3	3	22.69	22.81	22.70		
1.4	16QAM	6	0	21.72	21.84	21.73	23	2
1.4	64QAM	1	0	21.84	21.85	21.88	23	2
1.4	64QAM	1	3	21.61	21.86	21.68		
1.4	64QAM	1	5	21.70	21.73	21.64		
1.4	64QAM	3	0	21.62	21.74	21.68		
1.4	64QAM	3	1	21.70	21.79	21.74		
1.4	64QAM	3	3	21.54	21.80	21.61		
1.4	64QAM	6	0	20.83	20.78	20.76	22	3
1.4	256QAM	1	0	18.85	18.83	18.82	20	5
1.4	256QAM	1	3	18.75	18.84	18.80		
1.4	256QAM	1	5	18.75	18.76	18.71		
1.4	256QAM	3	0	18.73	18.80	18.75		
1.4	256QAM	3	1	18.86	18.81	18.83		
1.4	256QAM	3	3	18.71	18.84	18.71		
1.4	256QAM	6	0	18.66	18.89	18.64	20	5

Band 4 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.83	24.89	24.85	25.7	0
20	QPSK	1	49	24.79	24.84	24.81		
20	QPSK	1	99	24.70	24.80	24.79		
20	QPSK	50	0	23.80	23.91	23.88	24.7	1
20	QPSK	50	24	23.78	23.83	23.78		
20	QPSK	50	50	23.65	23.85	23.84		
20	QPSK	100	0	23.81	23.85	23.83		
20	16QAM	1	0	23.81	23.83	23.83	24.7	1
20	16QAM	1	49	23.76	23.86	23.83		
20	16QAM	1	99	23.71	23.77	23.84		
20	16QAM	50	0	22.76	22.90	22.83	23.7	2
20	16QAM	50	24	22.84	22.86	22.82		
20	16QAM	50	50	22.59	22.89	22.78		
20	16QAM	100	0	22.83	22.90	22.86		
20	64QAM	1	0	22.77	22.85	22.86	23.7	2
20	64QAM	1	49	22.77	22.89	22.81		
20	64QAM	1	99	22.65	22.73	22.83		
20	64QAM	50	0	21.77	21.90	21.84	22.7	3
20	64QAM	50	24	21.83	21.79	21.79		
20	64QAM	50	50	21.68	21.87	21.81		
20	64QAM	100	0	21.87	21.84	21.81		
20	256QAM	1	0	19.85	19.85	19.92	20.7	5
20	256QAM	1	49	19.76	19.83	19.77		
20	256QAM	1	99	19.61	19.80	19.89		
20	256QAM	50	0	19.84	19.81	19.85	20.7	5
20	256QAM	50	24	19.75	19.78	19.87		
20	256QAM	50	50	19.81	19.89	19.82		
20	256QAM	100	0	19.74	19.82	19.79		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.69	24.81	24.81	25.7	0
15	QPSK	1	37	24.65	24.77	24.71		
15	QPSK	1	74	24.67	24.69	24.66		
15	QPSK	36	0	23.69	23.79	23.84	24.7	1
15	QPSK	36	20	23.71	23.73	23.65		
15	QPSK	36	39	23.63	23.77	23.77		
15	QPSK	75	0	23.79	23.72	23.74		
15	16QAM	1	0	23.73	23.71	23.75	24.7	1
15	16QAM	1	37	23.74	23.81	23.80		
15	16QAM	1	74	23.65	23.68	23.78		
15	16QAM	36	0	22.72	22.87	22.79	23.7	2
15	16QAM	36	20	22.79	22.75	22.78		
15	16QAM	36	39	22.49	22.78	22.70		
15	16QAM	75	0	22.73	22.77	22.83		
15	64QAM	1	0	22.73	22.75	22.82	23.7	2
15	64QAM	1	37	22.66	22.81	22.74		
15	64QAM	1	74	22.57	22.66	22.71		
15	64QAM	36	0	21.68	21.83	21.73	22.7	3
15	64QAM	36	20	21.75	21.68	21.68		
15	64QAM	36	39	21.63	21.84	21.74		
15	64QAM	75	0	21.84	21.78	21.77		
15	256QAM	1	0	19.75	19.77	19.88	20.7	5
15	256QAM	1	37	19.74	19.78	19.72		
15	256QAM	1	74	19.50	19.71	19.87		
15	256QAM	36	0	19.74	19.75	19.76	20.7	5
15	256QAM	36	20	19.65	19.74	19.79		
15	256QAM	36	39	19.73	19.79	19.79		
15	256QAM	75	0	19.63	19.69	19.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.74	24.81	24.72	25.7	0
10	QPSK	1	25	24.75	24.71	24.70		
10	QPSK	1	49	24.58	24.67	24.68		
10	QPSK	25	0	23.68	23.87	23.76	24.7	1
10	QPSK	25	12	23.73	23.80	23.72		
10	QPSK	25	25	23.52	23.78	23.75		
10	QPSK	50	0	23.82	23.74	23.77		
10	16QAM	1	0	23.69	23.75	23.78	24.7	1
10	16QAM	1	25	23.71	23.77	23.71		
10	16QAM	1	49	23.59	23.66	23.75		
10	16QAM	25	0	22.66	22.84	22.72	23.7	2
10	16QAM	25	12	22.74	22.79	22.70		
10	16QAM	25	25	22.51	22.83	22.65		
10	16QAM	50	0	22.78	22.80	22.81		
10	64QAM	1	0	22.71	22.80	22.80	23.7	2
10	64QAM	1	25	22.63	22.79	22.70		
10	64QAM	1	49	22.60	22.62	22.74		
10	64QAM	25	0	21.74	21.86	21.72	22.7	3
10	64QAM	25	12	21.79	21.72	21.72		
10	64QAM	25	25	21.58	21.75	21.74		
10	64QAM	50	0	21.75	21.80	21.70		
10	256QAM	1	0	19.79	19.76	19.90	20.7	5
10	256QAM	1	25	19.69	19.71	19.71		
10	256QAM	1	49	19.51	19.77	19.80		
10	256QAM	25	0	19.72	19.73	19.78	20.7	5
10	256QAM	25	12	19.65	19.75	19.79		
10	256QAM	25	25	19.69	19.85	19.74		
10	256QAM	50	0	19.65	19.75	19.75		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.71	24.79	24.72	25.7	0
5	QPSK	1	12	24.72	24.78	24.71		
5	QPSK	1	24	24.68	24.75	24.75		
5	QPSK	12	0	23.66	23.82	23.78	24.7	1
5	QPSK	12	7	23.71	23.69	23.65		
5	QPSK	12	13	23.62	23.83	23.75		
5	QPSK	25	0	23.82	23.82	23.76		
5	16QAM	1	0	23.71	23.80	23.72	24.7	1
5	16QAM	1	12	23.62	23.80	23.72		
5	16QAM	1	24	23.59	23.71	23.75		
5	16QAM	12	0	22.71	22.80	22.74	23.7	2
5	16QAM	12	7	22.74	22.83	22.74		
5	16QAM	12	13	22.54	22.84	22.73		
5	16QAM	25	0	22.77	22.78	22.78		
5	64QAM	1	0	22.64	22.73	22.81	23.7	2
5	64QAM	1	12	22.67	22.86	22.73		
5	64QAM	1	24	22.59	22.62	22.78		
5	64QAM	12	0	21.69	21.86	21.72	22.7	3
5	64QAM	12	7	21.73	21.76	21.68		
5	64QAM	12	13	21.66	21.82	21.74		
5	64QAM	25	0	21.83	21.72	21.79		
5	256QAM	1	0	19.79	19.83	19.81	20.7	5
5	256QAM	1	12	19.67	19.75	19.72		
5	256QAM	1	24	19.55	19.74	19.78		
5	256QAM	12	0	19.79	19.69	19.77	20.7	5
5	256QAM	12	7	19.65	19.68	19.75		
5	256QAM	12	13	19.70	19.86	19.71		
5	256QAM	25	0	19.63	19.72	19.72		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.77	24.79	24.79	25.7	0
3	QPSK	1	8	24.73	24.73	24.76		
3	QPSK	1	14	24.59	24.73	24.77		
3	QPSK	8	0	23.67	23.88	23.86	24.7	1
3	QPSK	8	4	23.65	23.71	23.76		
3	QPSK	8	7	23.61	23.72	23.78		
3	QPSK	15	0	23.81	23.75	23.72		
3	16QAM	1	0	23.77	23.77	23.79	24.7	1
3	16QAM	1	8	23.66	23.77	23.74		
3	16QAM	1	14	23.64	23.73	23.74		
3	16QAM	8	0	22.69	22.78	22.72	23.7	2
3	16QAM	8	4	22.76	22.82	22.77		
3	16QAM	8	7	22.54	22.78	22.65		
3	16QAM	15	0	22.74	22.87	22.72		
3	64QAM	1	0	22.74	22.73	22.76	23.7	2
3	64QAM	1	8	22.71	22.77	22.69		
3	64QAM	1	14	22.55	22.65	22.74		
3	64QAM	8	0	21.73	21.85	21.77	22.7	3
3	64QAM	8	4	21.79	21.76	21.71		
3	64QAM	8	7	21.65	21.75	21.79		
3	64QAM	15	0	21.85	21.79	21.71		
3	256QAM	1	0	19.71	19.78	19.85	20.7	5
3	256QAM	1	8	19.73	19.75	19.63		
3	256QAM	1	14	19.56	19.74	19.75		
3	256QAM	8	0	19.81	19.73	19.81	20.7	5
3	256QAM	8	4	19.71	19.67	19.80		
3	256QAM	8	7	19.74	19.83	19.76		
3	256QAM	15	0	19.63	19.73	19.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.72	24.87	24.78	25.7	0
1.4	QPSK	1	3	24.67	24.79	24.71		
1.4	QPSK	1	5	24.59	24.72	24.74		
1.4	QPSK	3	0	24.67	24.73	24.74		
1.4	QPSK	3	1	24.56	24.73	24.59		
1.4	QPSK	3	3	24.54	24.59	24.70		
1.4	QPSK	6	0	23.76	23.76	23.80	24.7	1
1.4	16QAM	1	0	23.70	23.70	23.73	24.7	1
1.4	16QAM	1	3	23.73	23.83	23.75		
1.4	16QAM	1	5	23.58	23.74	23.74		
1.4	16QAM	3	0	23.71	23.65	23.75		
1.4	16QAM	3	1	23.57	23.63	23.70		
1.4	16QAM	3	3	23.67	23.73	23.71		
1.4	16QAM	6	0	22.73	22.77	22.75	23.7	2
1.4	64QAM	1	0	22.69	22.82	22.79	23.7	2
1.4	64QAM	1	3	22.68	22.82	22.67		
1.4	64QAM	1	5	22.56	22.68	22.79		
1.4	64QAM	3	0	22.67	22.65	22.68		
1.4	64QAM	3	1	22.56	22.70	22.70		
1.4	64QAM	3	3	22.62	22.78	22.58		
1.4	64QAM	6	0	21.78	21.76	21.73	22.7	3
1.4	256QAM	1	0	19.75	19.75	19.82	20.7	5
1.4	256QAM	1	3	19.64	19.74	19.64		
1.4	256QAM	1	5	19.57	19.67	19.80		
1.4	256QAM	3	0	19.72	19.75	19.80		
1.4	256QAM	3	1	19.61	19.67	19.82		
1.4	256QAM	3	3	19.78	19.76	19.68		
1.4	256QAM	6	0	19.64	19.69	19.66	20.7	5

Band 7 Ant4 Default

[illegible]

Band 25 Ant4 Default

[illegible]

Band 66 Ant4 Default

[illegible]

Band 38 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.08	25.11	25.05	25.7	0
20	QPSK	1	49	25.05	25.04	24.97		
20	QPSK	1	99	24.98	24.98	25.02		
20	QPSK	50	0	24.04	24.13	24.05	24.7	1
20	QPSK	50	24	24.09	24.09	23.96		
20	QPSK	50	50	24.01	23.95	24.03		
20	QPSK	100	0	24.08	24.09	24.01		
20	16QAM	1	0	24.08	24.05	24.08	24.7	1
20	16QAM	1	49	24.03	24.07	24.00		
20	16QAM	1	99	23.92	24.00	24.00		
20	16QAM	50	0	23.09	23.14	23.00	23.7	2
20	16QAM	50	24	23.13	23.04	22.99		
20	16QAM	50	50	23.00	22.92	23.02		
20	16QAM	100	0	23.03	23.03	23.00		
20	64QAM	1	0	23.08	23.05	23.03	23.7	2
20	64QAM	1	49	23.02	23.06	22.95		
20	64QAM	1	99	22.89	22.99	23.05		
20	64QAM	50	0	22.06	22.14	22.09	22.7	3
20	64QAM	50	24	22.04	22.15	22.00		
20	64QAM	50	50	21.95	22.00	22.01		
20	64QAM	100	0	22.13	22.06	22.06		
20	256QAM	1	0	20.09	20.08	20.11	20.7	5
20	256QAM	1	49	20.13	20.12	19.93		
20	256QAM	1	99	20.03	19.98	20.02		
20	256QAM	50	0	20.10	20.09	20.04	20.7	5
20	256QAM	50	24	20.09	20.11	20.10		
20	256QAM	50	50	19.98	20.08	19.96		
20	256QAM	100	0	19.89	20.00	20.03		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.04	25.08	24.96	25.7	0
15	QPSK	1	37	24.94	25.01	24.88		
15	QPSK	1	74	24.88	24.88	24.94		
15	QPSK	36	0	23.98	24.06	24.02	24.7	1
15	QPSK	36	20	24.01	24.01	23.89		
15	QPSK	36	39	23.94	23.83	23.94		
15	QPSK	75	0	24.01	24.05	23.90		
15	16QAM	1	0	24.01	23.93	23.94	24.7	1
15	16QAM	1	37	23.97	23.96	23.98		
15	16QAM	1	74	23.86	23.94	23.97		
15	16QAM	36	0	23.04	23.00	22.96	23.7	2
15	16QAM	36	20	23.09	23.01	22.89		
15	16QAM	36	39	22.92	22.82	22.93		
15	16QAM	75	0	22.93	22.91	22.95		
15	64QAM	1	0	23.00	22.95	22.91	23.7	2
15	64QAM	1	37	22.95	22.98	22.89		
15	64QAM	1	74	22.77	22.87	22.96		
15	64QAM	36	0	21.99	22.07	21.98	22.7	3
15	64QAM	36	20	22.01	22.03	21.91		
15	64QAM	36	39	21.89	21.98	21.93		
15	64QAM	75	0	22.09	21.97	22.02		
15	256QAM	1	0	20.02	19.99	20.00	20.7	5
15	256QAM	1	37	20.09	19.99	19.80		
15	256QAM	1	74	19.99	19.92	19.98		
15	256QAM	36	0	20.04	19.96	19.91	20.7	5
15	256QAM	36	20	19.99	20.02	19.97		
15	256QAM	36	39	19.93	20.05	19.88		
15	256QAM	75	0	19.78	19.89	19.93		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.05	25.09	24.96	25.7	0
10	QPSK	1	25	25.02	24.92	24.87		
10	QPSK	1	49	24.86	24.95	24.96		
10	QPSK	25	0	23.93	24.01	23.94	24.7	1
10	QPSK	25	12	23.99	23.96	23.85		
10	QPSK	25	25	23.94	23.85	23.99		
10	QPSK	50	0	23.99	24.03	23.98		
10	16QAM	1	0	23.96	23.91	24.01	24.7	1
10	16QAM	1	25	24.01	24.00	23.94		
10	16QAM	1	49	23.88	23.92	23.88		
10	16QAM	25	0	23.07	23.04	22.89	23.7	2
10	16QAM	25	12	23.05	22.94	22.93		
10	16QAM	25	25	22.89	22.86	22.99		
10	16QAM	50	0	22.92	23.00	22.95		
10	64QAM	1	0	22.98	22.94	22.94	23.7	2
10	64QAM	1	25	22.95	22.96	22.89		
10	64QAM	1	49	22.81	22.89	22.98		
10	64QAM	25	0	22.03	22.07	22.01	22.7	3
10	64QAM	25	12	22.02	22.11	21.90		
10	64QAM	25	25	21.87	21.92	21.92		
10	64QAM	50	0	22.07	22.02	22.01		
10	256QAM	1	0	20.04	20.06	20.07	20.7	5
10	256QAM	1	25	20.08	20.07	19.91		
10	256QAM	1	49	19.89	19.85	19.96		
10	256QAM	25	0	19.96	20.02	20.00	20.7	5
10	256QAM	25	12	20.03	20.05	20.07		
10	256QAM	25	25	19.94	19.94	19.92		
10	256QAM	50	0	19.84	19.91	19.95		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.02	25.03	25.00	25.7	0
5	QPSK	1	12	25.02	24.94	24.93		
5	QPSK	1	24	24.91	24.91	24.92		
5	QPSK	12	0	24.01	24.00	23.99	24.7	1
5	QPSK	12	7	24.06	24.04	23.91		
5	QPSK	12	13	23.94	23.81	24.01		
5	QPSK	25	0	23.99	23.96	23.92		
5	16QAM	1	0	24.05	23.94	23.95	24.7	1
5	16QAM	1	12	24.00	23.98	23.92		
5	16QAM	1	24	23.84	23.97	23.91		
5	16QAM	12	0	23.01	23.04	22.95	23.7	2
5	16QAM	12	7	23.03	22.99	22.94		
5	16QAM	12	13	22.96	22.86	22.97		
5	16QAM	25	0	22.97	23.00	22.92		
5	64QAM	1	0	22.97	23.02	22.97	23.7	2
5	64QAM	1	12	22.95	22.95	22.84		
5	64QAM	1	24	22.76	22.91	22.94		
5	64QAM	12	0	22.01	22.03	22.02	22.7	3
5	64QAM	12	7	21.98	22.03	21.89		
5	64QAM	12	13	21.90	21.97	21.92		
5	64QAM	25	0	22.11	21.93	21.92		
5	256QAM	1	0	20.02	19.94	19.97	20.7	5
5	256QAM	1	12	20.02	20.09	19.89		
5	256QAM	1	24	19.96	19.85	19.97		
5	256QAM	12	0	19.97	19.97	19.92	20.7	5
5	256QAM	12	7	19.95	20.02	20.02		
5	256QAM	12	13	19.94	20.00	19.90		
5	256QAM	25	0	19.85	19.95	19.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.05	25.14	25.10	25.08	25.7	0
20	QPSK	1	49	25.06	24.93	25.11	25.04	25.00		
20	QPSK	1	99	25.05	24.95	25.08	24.98	25.06		
20	QPSK	50	0	24.08	24.02	24.16	24.07	24.09	24.7	1
20	QPSK	50	24	24.00	23.96	24.11	24.08	23.97		
20	QPSK	50	50	24.06	23.97	24.05	24.00	24.04		
20	QPSK	100	0	24.07	24.04	24.11	24.09	24.10		
20	16QAM	1	0	24.11	24.04	24.09	24.11	24.06	24.7	1
20	16QAM	1	49	24.04	23.95	24.09	24.10	24.04		
20	16QAM	1	99	24.10	23.92	24.13	23.96	24.00		
20	16QAM	50	0	23.12	22.99	23.21	23.10	23.04	23.7	2
20	16QAM	50	24	23.04	23.00	23.13	23.06	22.99		
20	16QAM	50	50	23.11	22.94	23.09	22.94	23.02		
20	16QAM	100	0	23.06	23.08	23.05	23.06	23.14		
20	64QAM	1	0	23.06	23.07	23.13	23.16	23.10	23.7	2
20	64QAM	1	49	23.08	22.91	23.10	23.15	23.00		
20	64QAM	1	99	23.11	22.90	23.09	23.00	22.98		
20	64QAM	50	0	22.07	22.07	22.18	22.08	22.10	22.7	3
20	64QAM	50	24	22.03	21.96	22.08	22.12	21.99		
20	64QAM	50	50	22.12	21.98	22.03	21.95	22.08		
20	64QAM	100	0	22.07	22.05	22.08	22.07	22.17		
20	256QAM	1	0	20.05	20.07	20.13	20.12	20.03	20.7	5
20	256QAM	1	49	19.94	19.97	20.08	20.10	19.93		
20	256QAM	1	99	20.10	19.99	20.01	20.01	20.05		
20	256QAM	50	0	20.10	20.07	20.15	20.13	20.16	20.7	5
20	256QAM	50	24	20.05	20.07	20.12	20.06	20.05		
20	256QAM	50	50	20.06	19.98	20.11	20.11	20.05		
20	256QAM	100	0	20.13	19.95	20.07	19.96	20.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.01	24.91	25.08	24.99	25.03	25.70	0
15	QPSK	1	37	24.94	24.81	24.98	24.96	24.87		
15	QPSK	1	74	24.95	24.85	25.03	24.96	24.99		
15	QPSK	36	0	24.02	23.91	24.14	24.01	23.97	24.7	1
15	QPSK	36	20	23.91	23.83	24.01	23.98	23.88		
15	QPSK	36	39	23.97	23.92	23.96	23.90	23.96		
15	QPSK	75	0	24.03	23.97	23.98	24.03	24.05		
15	16QAM	1	0	24.02	23.99	23.96	24.00	23.96	24.7	1
15	16QAM	1	37	23.96	23.85	23.97	24.04	24.01		
15	16QAM	1	74	23.96	23.80	24.03	23.91	23.94		
15	16QAM	36	0	22.98	22.95	23.16	23.01	22.99	23.7	2
15	16QAM	36	20	22.98	22.92	23.11	22.97	22.94		
15	16QAM	36	39	23.03	22.83	22.96	22.81	22.88		
15	16QAM	75	0	23.00	23.05	22.97	22.99	23.09		
15	64QAM	1	0	23.03	23.05	23.06	23.10	23.03	23.7	2
15	64QAM	1	37	22.98	22.78	23.08	23.08	22.95		
15	64QAM	1	74	23.03	22.87	22.98	22.98	22.92		
15	64QAM	36	0	21.94	21.97	22.09	22.04	22.02	22.7	3
15	64QAM	36	20	21.91	21.86	22.00	22.01	21.92		
15	64QAM	36	39	22.09	21.86	21.90	21.84	22.05		
15	64QAM	75	0	22.01	21.94	22.00	21.98	22.08		
15	256QAM	1	0	19.96	19.99	20.10	20.01	19.92	20.7	5
15	256QAM	1	37	19.84	19.85	20.00	20.08	19.79		
15	256QAM	1	74	20.07	19.93	19.98	19.88	20.02		
15	256QAM	36	0	20.05	20.02	20.08	20.03	20.03	20.7	5
15	256QAM	36	20	19.98	19.98	20.00	20.02	19.91		
15	256QAM	36	39	20.03	19.90	19.98	19.99	19.97		
15	256QAM	75	0	20.03	19.91	19.94	19.89	19.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	25.02	25.12	25.03	24.94	25.70	0
10	QPSK	1	25	24.96	24.90	24.98	24.93	24.94		
10	QPSK	1	49	24.98	24.91	24.99	24.86	24.98		
10	QPSK	25	0	24.05	23.97	24.12	23.94	24.05	24.7	1
10	QPSK	25	12	23.87	23.85	24.04	23.98	23.86		
10	QPSK	25	25	23.99	23.87	23.91	23.93	23.94		
10	QPSK	50	0	23.98	24.01	24.09	23.96	24.02		
10	16QAM	1	0	24.08	23.92	23.98	24.01	23.96	24.7	1
10	16QAM	1	25	24.02	23.88	24.01	24.03	23.90		
10	16QAM	1	49	23.97	23.89	24.04	23.85	23.87		
10	16QAM	25	0	22.99	22.93	23.14	23.00	22.96	23.7	2
10	16QAM	25	12	22.95	22.93	23.07	23.00	22.94		
10	16QAM	25	25	23.06	22.81	23.02	22.84	22.90		
10	16QAM	50	0	22.98	23.04	23.02	22.94	23.06		
10	64QAM	1	0	23.02	23.00	23.10	23.03	23.05	23.7	2
10	64QAM	1	25	22.97	22.78	22.96	23.04	22.93		
10	64QAM	1	49	23.05	22.84	22.99	22.92	22.94		
10	64QAM	25	0	22.01	21.99	22.07	21.95	21.96	22.7	3
10	64QAM	25	12	21.91	21.89	21.98	22.08	21.95		
10	64QAM	25	25	21.99	21.89	21.97	21.87	22.06		
10	64QAM	50	0	22.01	21.95	22.01	22.04	22.12		
10	256QAM	1	0	19.91	20.00	20.05	20.02	19.89	20.7	5
10	256QAM	1	25	19.92	19.89	20.03	20.06	19.89		
10	256QAM	1	49	20.07	19.97	19.93	19.91	20.02		
10	256QAM	25	0	20.04	20.02	20.02	20.10	20.08	20.7	5
10	256QAM	25	12	19.97	19.93	20.05	20.00	19.93		
10	256QAM	25	25	20.01	19.93	20.09	20.00	19.92		
10	256QAM	50	0	20.02	19.84	19.99	19.88	19.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.07	24.98	25.05	24.97	25.00	25.70	0
5	QPSK	1	12	24.99	24.79	25.05	24.94	24.89		
5	QPSK	1	24	24.96	24.89	25.01	24.86	25.00		
5	QPSK	12	0	23.95	23.98	24.07	24.04	24.04	24.7	1
5	QPSK	12	7	23.88	23.85	24.02	24.01	23.92		
5	QPSK	12	13	24.01	23.93	23.98	23.96	23.92		
5	QPSK	25	0	24.01	23.92	23.97	24.03	24.10		
5	16QAM	1	0	24.05	23.91	24.06	24.05	23.99	24.7	1
5	16QAM	1	12	23.95	23.85	23.99	24.01	23.99		
5	16QAM	1	24	24.03	23.89	24.04	23.84	23.92		
5	16QAM	12	0	23.04	22.88	23.09	22.98	22.96	23.7	2
5	16QAM	12	7	23.01	22.89	23.00	22.95	22.97		
5	16QAM	12	13	23.09	22.89	23.00	22.85	22.98		
5	16QAM	25	0	22.97	22.99	23.00	22.96	23.11		
5	64QAM	1	0	22.96	22.93	23.02	23.03	22.98	23.7	2
5	64QAM	1	12	22.96	22.83	23.01	23.07	22.89		
5	64QAM	1	24	23.08	22.82	23.04	22.87	22.94		
5	64QAM	12	0	21.96	22.01	22.05	22.01	22.01	22.7	3
5	64QAM	12	7	21.91	21.92	21.96	22.04	21.91		
5	64QAM	12	13	22.09	21.94	21.98	21.90	22.01		
5	64QAM	25	0	21.94	21.97	22.01	21.94	22.13		
5	256QAM	1	0	19.98	19.94	20.00	20.02	19.92	20.7	5
5	256QAM	1	12	19.91	19.92	20.02	20.00	19.83		
5	256QAM	1	24	20.03	19.94	19.88	19.88	19.93		
5	256QAM	12	0	19.99	20.00	20.11	20.01	20.05	20.7	5
5	256QAM	12	7	20.01	20.03	20.03	20.02	19.95		
5	256QAM	12	13	19.94	19.87	20.00	20.01	19.97		
5	256QAM	25	0	20.05	19.87	20.04	19.90	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.89	24.92	24.85	25.7	0
20	QPSK	1	49	24.83	24.89	24.80		
20	QPSK	1	99	24.81	24.86	24.83		
20	QPSK	50	0	23.83	23.90	23.88	24.7	1
20	QPSK	50	24	23.83	23.87	23.78		
20	QPSK	50	50	23.78	23.86	23.88		
20	QPSK	100	0	23.81	23.89	23.81		
20	16QAM	1	0	23.91	23.88	23.84	24.7	1
20	16QAM	1	49	23.83	23.85	23.78		
20	16QAM	1	99	23.83	23.91	23.81		
20	16QAM	50	0	22.78	22.88	22.84	23.7	2
20	16QAM	50	24	22.87	22.92	22.74		
20	16QAM	50	50	22.82	22.86	22.88		
20	16QAM	100	0	22.96	22.88	22.81		
20	64QAM	1	0	22.97	22.83	22.80	23.7	2
20	64QAM	1	49	22.88	22.89	22.74		
20	64QAM	1	99	22.78	22.97	22.84		
20	64QAM	50	0	21.86	21.91	21.83	22.7	3
20	64QAM	50	24	21.84	21.82	21.76		
20	64QAM	50	50	21.74	21.87	21.92		
20	64QAM	100	0	21.91	21.93	21.83		
20	256QAM	1	0	19.82	19.91	19.85	20.7	5
20	256QAM	1	49	19.80	19.92	19.77		
20	256QAM	1	99	19.75	19.91	19.94		
20	256QAM	50	0	19.93	19.83	19.82	20.7	5
20	256QAM	50	24	19.90	19.90	19.83		
20	256QAM	50	50	19.82	19.83	19.73		
20	256QAM	100	0	19.79	19.97	19.76		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.84	24.82	24.82	25.7	0
15	QPSK	1	37	24.75	24.78	24.75		
15	QPSK	1	74	24.72	24.74	24.77		
15	QPSK	36	0	23.75	23.81	23.84	24.7	1
15	QPSK	36	20	23.76	23.84	23.73		
15	QPSK	36	39	23.65	23.74	23.79		
15	QPSK	75	0	23.90	23.78	23.71		
15	16QAM	1	0	23.88	23.80	23.81	24.7	1
15	16QAM	1	37	23.79	23.79	23.69		
15	16QAM	1	74	23.70	23.80	23.77		
15	16QAM	36	0	22.75	22.83	22.76	23.7	2
15	16QAM	36	20	22.80	22.83	22.60		
15	16QAM	36	39	22.79	22.73	22.76		
15	16QAM	75	0	22.92	22.82	22.77		
15	64QAM	1	0	22.93	22.75	22.74	23.7	2
15	64QAM	1	37	22.85	22.79	22.69		
15	64QAM	1	74	22.71	22.90	22.77		
15	64QAM	36	0	21.82	21.85	21.74	22.7	3
15	64QAM	36	20	21.79	21.80	21.71		
15	64QAM	36	39	21.67	21.83	21.86		
15	64QAM	75	0	21.80	21.90	21.76		
15	256QAM	1	0	19.73	19.82	19.82	20.7	5
15	256QAM	1	37	19.70	19.87	19.69		
15	256QAM	1	74	19.70	19.79	19.92		
15	256QAM	36	0	19.82	19.80	19.69	20.7	5
15	256QAM	36	20	19.82	19.87	19.76		
15	256QAM	36	39	19.74	19.74	19.65		
15	256QAM	75	0	19.66	19.87	19.66		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.79	24.80	24.81	25.7	0
10	QPSK	1	25	24.73	24.82	24.66		
10	QPSK	1	49	24.68	24.82	24.75		
10	QPSK	25	0	23.69	23.81	23.77	24.7	1
10	QPSK	25	12	23.76	23.74	23.70		
10	QPSK	25	25	23.70	23.74	23.85		
10	QPSK	50	0	23.89	23.76	23.77		
10	16QAM	1	0	23.78	23.85	23.77	24.7	1
10	16QAM	1	25	23.72	23.74	23.75		
10	16QAM	1	49	23.73	23.87	23.71		
10	16QAM	25	0	22.64	22.74	22.73	23.7	2
10	16QAM	25	12	22.83	22.81	22.66		
10	16QAM	25	25	22.74	22.75	22.77		
10	16QAM	50	0	22.91	22.76	22.75		
10	64QAM	1	0	22.93	22.77	22.77	23.7	2
10	64QAM	1	25	22.75	22.80	22.71		
10	64QAM	1	49	22.69	22.89	22.75		
10	64QAM	25	0	21.73	21.88	21.76	22.7	3
10	64QAM	25	12	21.72	21.69	21.72		
10	64QAM	25	25	21.64	21.75	21.85		
10	64QAM	50	0	21.77	21.80	21.79		
10	256QAM	1	0	19.75	19.82	19.74	20.7	5
10	256QAM	1	25	19.70	19.85	19.69		
10	256QAM	1	49	19.61	19.84	19.90		
10	256QAM	25	0	19.80	19.75	19.78	20.7	5
10	256QAM	25	12	19.84	19.84	19.73		
10	256QAM	25	25	19.77	19.77	19.59		
10	256QAM	50	0	19.68	19.89	19.73		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.80	24.86	24.73	25.7	0
5	QPSK	1	12	24.72	24.78	24.73		
5	QPSK	1	24	24.75	24.79	24.71		
5	QPSK	12	0	23.75	23.80	23.86	24.7	1
5	QPSK	12	7	23.72	23.78	23.65		
5	QPSK	12	13	23.64	23.73	23.75		
5	QPSK	25	0	23.81	23.80	23.76		
5	16QAM	1	0	23.85	23.84	23.78	24.7	1
5	16QAM	1	12	23.74	23.77	23.64		
5	16QAM	1	24	23.75	23.88	23.72		
5	16QAM	12	0	22.66	22.84	22.77	23.7	2
5	16QAM	12	7	22.80	22.87	22.72		
5	16QAM	12	13	22.75	22.84	22.84		
5	16QAM	25	0	22.86	22.75	22.76		
5	64QAM	1	0	22.91	22.77	22.77	23.7	2
5	64QAM	1	12	22.83	22.76	22.70		
5	64QAM	1	24	22.69	22.88	22.79		
5	64QAM	12	0	21.74	21.82	21.70	22.7	3
5	64QAM	12	7	21.77	21.75	21.69		
5	64QAM	12	13	21.64	21.75	21.81		
5	64QAM	25	0	21.79	21.86	21.76		
5	256QAM	1	0	19.71	19.78	19.74	20.7	5
5	256QAM	1	12	19.70	19.82	19.75		
5	256QAM	1	24	19.63	19.87	19.84		
5	256QAM	12	0	19.84	19.74	19.71	20.7	5
5	256QAM	12	7	19.78	19.84	19.79		
5	256QAM	12	13	19.71	19.71	19.69		
5	256QAM	25	0	19.66	19.87	19.64		

Band 48 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.25	23.29	23.17	23.21	24.5	0
20	QPSK	1	49	23.13	23.24	23.14	23.09		
20	QPSK	1	99	23.11	23.21	23.15	23.14		
20	QPSK	50	0	22.25	22.30	22.13	22.18	23.5	1
20	QPSK	50	24	22.15	22.26	22.19	22.09		
20	QPSK	50	50	22.17	22.17	22.19	22.09		
20	QPSK	100	0	22.26	22.28	22.13	22.21		
20	16QAM	1	0	22.26	22.24	22.20	22.27	23.5	1
20	16QAM	1	49	22.12	22.22	22.15	22.07		
20	16QAM	1	99	22.15	22.20	22.12	22.14		
20	16QAM	50	0	21.26	21.33	21.14	21.16	22.5	2
20	16QAM	50	24	21.19	21.23	21.13	21.06		
20	16QAM	50	50	21.21	21.21	21.22	21.05		
20	16QAM	100	0	21.27	21.29	21.18	21.17		
20	64QAM	1	0	21.21	21.29	21.24	21.26	22.5	2
20	64QAM	1	49	21.13	21.21	21.10	21.12		
20	64QAM	1	99	21.15	21.25	21.08	21.15		
20	64QAM	50	0	20.21	20.28	20.18	20.18	21.5	3
20	64QAM	50	24	20.14	20.25	20.16	20.15		
20	64QAM	50	50	20.22	20.19	20.23	20.05		
20	64QAM	100	0	20.29	20.25	20.15	20.21		
20	256QAM	1	0	18.25	18.33	18.17	18.19	19.5	5
20	256QAM	1	49	18.10	18.23	18.24	18.06		
20	256QAM	1	99	18.15	18.15	18.24	18.09		
20	256QAM	50	0	18.29	18.25	18.14	18.26	19.5	5
20	256QAM	50	24	18.21	18.22	18.14	18.23		
20	256QAM	50	50	18.14	18.21	18.09	18.08		
20	256QAM	100	0	18.16	18.18	18.14	18.10		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.23	23.19	23.05	23.14	24.5	0
15	QPSK	1	37	23.04	23.15	23.03	23.06		
15	QPSK	1	74	22.99	23.08	23.03	23.08		
15	QPSK	36	0	22.15	22.26	22.04	22.10	23.5	1
15	QPSK	36	20	22.09	22.22	22.11	22.05		
15	QPSK	36	39	22.08	22.10	22.16	22.01		
15	QPSK	75	0	22.18	22.17	22.10	22.14		
15	16QAM	1	0	22.21	22.14	22.14	22.16	23.5	1
15	16QAM	1	37	22.07	22.19	22.03	21.94		
15	16QAM	1	74	22.09	22.15	22.00	22.07		
15	16QAM	36	0	21.15	21.26	21.12	21.14	22.5	2
15	16QAM	36	20	21.10	21.14	21.11	20.97		
15	16QAM	36	39	21.15	21.07	21.11	20.95		
15	16QAM	75	0	21.19	21.26	21.09	21.13		
15	64QAM	1	0	21.17	21.23	21.15	21.22	22.5	2
15	64QAM	1	37	21.09	21.12	20.98	21.01		
15	64QAM	1	74	21.13	21.14	20.95	21.11		
15	64QAM	36	0	20.11	20.14	20.05	20.11	21.5	3
15	64QAM	36	20	20.05	20.21	20.10	20.10		
15	64QAM	36	39	20.16	20.05	20.12	19.92		
15	64QAM	75	0	20.22	20.19	20.11	20.15		
15	256QAM	1	0	18.13	18.20	18.05	18.15	19.5	5
15	256QAM	1	37	18.05	18.12	18.18	18.04		
15	256QAM	1	74	18.02	18.10	18.18	18.06		
15	256QAM	36	0	18.21	18.13	18.03	18.23	19.5	5
15	256QAM	36	20	18.08	18.12	18.05	18.12		
15	256QAM	36	39	18.09	18.14	17.99	18.06		
15	256QAM	75	0	18.10	18.06	18.02	18.06		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.18	23.16	23.09	23.18	24.5	0
10	QPSK	1	25	23.10	23.19	23.01	22.99		
10	QPSK	1	49	23.05	23.16	23.04	23.05		
10	QPSK	25	0	22.18	22.19	22.07	22.07	23.5	1
10	QPSK	25	12	22.01	22.13	22.09	21.97		
10	QPSK	25	25	22.05	22.14	22.14	21.98		
10	QPSK	50	0	22.22	22.17	21.99	22.09		
10	16QAM	1	0	22.21	22.12	22.13	22.21	23.5	1
10	16QAM	1	25	22.00	22.09	22.10	22.00		
10	16QAM	1	49	22.11	22.07	22.04	22.08		
10	16QAM	25	0	21.18	21.29	21.10	21.03	22.5	2
10	16QAM	25	12	21.06	21.18	21.08	21.02		
10	16QAM	25	25	21.12	21.12	21.15	21.02		
10	16QAM	50	0	21.22	21.24	21.06	21.11		
10	64QAM	1	0	21.15	21.17	21.10	21.16	22.5	2
10	64QAM	1	25	21.07	21.07	21.01	21.02		
10	64QAM	1	49	21.12	21.21	20.99	21.12		
10	64QAM	25	0	20.15	20.24	20.04	20.12	21.5	3
10	64QAM	25	12	20.09	20.19	20.05	20.01		
10	64QAM	25	25	20.17	20.10	20.16	19.98		
10	64QAM	50	0	20.16	20.14	20.11	20.12		
10	256QAM	1	0	18.22	18.31	18.12	18.08	19.5	5
10	256QAM	1	25	18.02	18.15	18.12	17.97		
10	256QAM	1	49	18.09	18.12	18.10	18.05		
10	256QAM	25	0	18.20	18.17	18.07	18.21	19.5	5
10	256QAM	25	12	18.17	18.09	18.03	18.15		
10	256QAM	25	25	18.04	18.11	18.03	17.97		
10	256QAM	50	0	18.11	18.10	18.10	18.08		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.16	23.14	23.12	24.5	0
5	QPSK	1	12	23.08	23.14	23.11	23.04		
5	QPSK	1	24	23.01	23.18	23.06	23.11		
5	QPSK	12	0	22.19	22.17	22.09	22.11	23.5	1
5	QPSK	12	7	22.12	22.15	22.09	21.98		
5	QPSK	12	13	22.04	22.05	22.08	21.97		
5	QPSK	25	0	22.19	22.16	22.07	22.11		
5	16QAM	1	0	22.15	22.11	22.13	22.14	23.5	1
5	16QAM	1	12	22.03	22.15	22.09	22.03		
5	16QAM	1	24	22.08	22.11	22.08	22.05		
5	16QAM	12	0	21.17	21.23	21.06	21.02	22.5	2
5	16QAM	12	7	21.11	21.11	21.00	21.01		
5	16QAM	12	13	21.16	21.17	21.14	21.02		
5	16QAM	25	0	21.14	21.19	21.06	21.12		
5	64QAM	1	0	21.14	21.17	21.16	21.24	22.5	2
5	64QAM	1	12	21.05	21.15	21.05	21.01		
5	64QAM	1	24	21.03	21.13	21.03	21.13		
5	64QAM	12	0	20.07	20.18	20.16	20.04	21.5	3
5	64QAM	12	7	20.07	20.18	20.03	20.07		
5	64QAM	12	13	20.18	20.11	20.15	20.00		
5	64QAM	25	0	20.23	20.13	20.09	20.08		
5	256QAM	1	0	18.19	18.23	18.10	18.11	19.5	5
5	256QAM	1	12	17.96	18.18	18.22	18.00		
5	256QAM	1	24	18.11	18.06	18.14	17.97		
5	256QAM	12	0	18.17	18.22	18.08	18.23	19.5	5
5	256QAM	12	7	18.10	18.16	18.10	18.10		
5	256QAM	12	13	18.10	18.14	18.05	17.96		
5	256QAM	25	0	18.12	18.15	18.04	18.03		

	GSM1900 Ant5 Default							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	30.12	30.08	31.40	21.02	21.12	21.08	22.40
GPRS 1 Tx slot	29.99	30.10	30.05	31.40	20.99	21.10	21.05	22.40
GPRS 2 Tx slots	26.95	27.08	27.03	28.40	20.95	21.08	21.03	22.40
GPRS 3 Tx slots	25.21	25.34	25.26	26.60	20.95	21.08	21.00	22.34
GPRS 4 Tx slots	23.96	24.06	23.99	25.40	20.96	21.06	20.99	22.40
EDGE 1 Tx slot	25.31	25.36	25.30	26.70	16.31	16.36	16.30	17.70
EDGE 2 Tx slots	22.34	22.45	22.40	23.70	16.34	16.45	16.40	17.70
EDGE 3 Tx slots	20.44	20.59	20.53	21.90	16.18	16.33	16.27	17.64
EDGE 4 Tx slots	19.28	19.36	19.35	20.70	16.28	16.36	16.35	17.70

		WCDMA II Ant5 Default				WCDMA IV Ant5 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.47	23.45	23.37	24.70	23.45	23.43	23.38	24.70
3GPP Rel 99	RMC 12.2Kbps	23.48	23.51	23.37	24.70	23.49	23.54	23.52	24.70
3GPP Rel 6	HSDPA Subtest-1	22.46	22.47	22.33	23.70	22.50	22.50	22.35	23.70
3GPP Rel 6	HSDPA Subtest-2	22.43	22.56	22.43	23.70	22.44	22.49	22.36	23.70
3GPP Rel 6	HSDPA Subtest-3	21.97	21.96	21.85	23.20	21.94	22.06	21.86	23.20
3GPP Rel 6	HSDPA Subtest-4	22.00	21.99	21.83	23.20	21.97	22.05	21.82	23.20
3GPP Rel 8	DC-HSDPA Subtest-1	22.50	22.50	22.35	23.70	22.52	22.56	22.41	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	22.43	22.45	22.36	23.70	22.50	22.50	22.34	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.00	22.06	21.87	23.20	21.93	21.97	21.82	23.20
3GPP Rel 8	DC-HSDPA Subtest-4	21.95	22.07	21.90	23.20	21.92	22.01	21.81	23.20
3GPP Rel 6	HSUPA Subtest-1	22.49	22.48	22.42	23.70	22.54	22.53	22.34	23.70
3GPP Rel 6	HSUPA Subtest-2	20.49	20.55	20.42	21.70	20.46	20.47	20.35	21.70
3GPP Rel 6	HSUPA Subtest-3	21.43	21.54	21.40	22.70	21.45	21.46	21.34	22.70
3GPP Rel 6	HSUPA Subtest-4	20.46	20.54	20.38	21.70	20.54	20.52	20.40	21.70
3GPP Rel 6	HSUPA Subtest-5	22.47	22.46	22.37	23.70	22.46	22.45	22.32	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.03	20.05	19.82	21.20	20.02	20.00	19.99	21.20

Band 2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.51	23.57	23.53	24.6	0
20	QPSK	1	49	23.43	23.50	23.46		
20	QPSK	1	99	23.42	23.49	23.45		
20	QPSK	50	0	22.48	22.59	22.53	23.6	1
20	QPSK	50	24	22.41	22.51	22.46		
20	QPSK	50	50	22.46	22.45	22.49		
20	QPSK	100	0	22.56	22.57	22.49		
20	16QAM	1	0	22.53	22.56	22.54	23.6	1
20	16QAM	1	49	22.39	22.55	22.50		
20	16QAM	1	99	22.44	22.44	22.50		
20	16QAM	50	0	21.44	21.59	21.54	22.6	2
20	16QAM	50	24	21.42	21.45	21.45		
20	16QAM	50	50	21.48	21.43	21.48		
20	16QAM	100	0	21.56	21.53	21.50		
20	64QAM	1	0	21.52	21.50	21.58	22.6	2
20	64QAM	1	49	21.44	21.57	21.54		
20	64QAM	1	99	21.49	21.42	21.55		
20	64QAM	50	0	20.46	20.54	20.56	21.6	3
20	64QAM	50	24	20.43	20.55	20.42		
20	64QAM	50	50	20.51	20.45	20.52		
20	64QAM	100	0	20.61	20.54	20.51		
20	256QAM	1	0	18.46	18.59	18.49	19.6	5
20	256QAM	1	49	18.41	18.57	18.41		
20	256QAM	1	99	18.47	18.43	18.44		
20	256QAM	50	0	18.62	18.52	18.54	19.6	5
20	256QAM	50	24	18.50	18.59	18.59		
20	256QAM	50	50	18.45	18.57	18.45		
20	256QAM	100	0	18.43	18.43	18.54		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.43	23.55	23.41	24.6	0
15	QPSK	1	37	23.35	23.39	23.39		
15	QPSK	1	74	23.32	23.43	23.37		
15	QPSK	36	0	22.41	22.49	22.48	23.6	1
15	QPSK	36	20	22.28	22.41	22.41		
15	QPSK	36	39	22.37	22.35	22.36		
15	QPSK	75	0	22.43	22.48	22.40		
15	16QAM	1	0	22.41	22.45	22.40	23.6	1
15	16QAM	1	37	22.37	22.49	22.36		
15	16QAM	1	74	22.41	22.33	22.41		
15	16QAM	36	0	21.37	21.54	21.52	22.6	2
15	16QAM	36	20	21.39	21.37	21.36		
15	16QAM	36	39	21.36	21.40	21.37		
15	16QAM	75	0	21.51	21.47	21.41		
15	64QAM	1	0	21.47	21.43	21.48	22.6	2
15	64QAM	1	37	21.33	21.48	21.45		
15	64QAM	1	74	21.40	21.35	21.50		
15	64QAM	36	0	20.34	20.52	20.48	21.6	3
15	64QAM	36	20	20.36	20.42	20.38		
15	64QAM	36	39	20.40	20.32	20.45		
15	64QAM	75	0	20.52	20.41	20.49		
15	256QAM	1	0	18.37	18.49	18.45	19.6	5
15	256QAM	1	37	18.34	18.53	18.34		
15	256QAM	1	74	18.41	18.39	18.30		
15	256QAM	36	0	18.54	18.39	18.42	19.6	5
15	256QAM	36	20	18.47	18.52	18.46		
15	256QAM	36	39	18.31	18.45	18.38		
15	256QAM	75	0	18.40	18.39	18.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.41	23.53	23.44	24.6	0
10	QPSK	1	25	23.35	23.39	23.34		
10	QPSK	1	49	23.34	23.37	23.42		
10	QPSK	25	0	22.36	22.45	22.50	23.6	1
10	QPSK	25	12	22.38	22.45	22.34		
10	QPSK	25	25	22.37	22.41	22.46		
10	QPSK	50	0	22.44	22.46	22.42		
10	16QAM	1	0	22.46	22.48	22.51	23.6	1
10	16QAM	1	25	22.34	22.50	22.39		
10	16QAM	1	49	22.34	22.42	22.40		
10	16QAM	25	0	21.35	21.56	21.50	22.6	2
10	16QAM	25	12	21.29	21.36	21.40		
10	16QAM	25	25	21.34	21.36	21.46		
10	16QAM	50	0	21.51	21.40	21.43		
10	64QAM	1	0	21.44	21.37	21.45	22.6	2
10	64QAM	1	25	21.39	21.46	21.45		
10	64QAM	1	49	21.39	21.38	21.41		
10	64QAM	25	0	20.42	20.46	20.50	21.6	3
10	64QAM	25	12	20.33	20.51	20.33		
10	64QAM	25	25	20.44	20.42	20.46		
10	64QAM	50	0	20.53	20.41	20.42		
10	256QAM	1	0	18.37	18.48	18.39	19.6	5
10	256QAM	1	25	18.35	18.49	18.38		
10	256QAM	1	49	18.40	18.39	18.31		
10	256QAM	25	0	18.52	18.45	18.51	19.6	5
10	256QAM	25	12	18.38	18.55	18.54		
10	256QAM	25	25	18.38	18.53	18.43		
10	256QAM	50	0	18.35	18.41	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.45	23.49	23.50	24.6	0
5	QPSK	1	12	23.33	23.48	23.38		
5	QPSK	1	24	23.39	23.37	23.38		
5	QPSK	12	0	22.40	22.54	22.41	23.6	1
5	QPSK	12	7	22.37	22.48	22.43		
5	QPSK	12	13	22.34	22.38	22.38		
5	QPSK	25	0	22.51	22.51	22.45		
5	16QAM	1	0	22.44	22.49	22.42	23.6	1
5	16QAM	1	12	22.32	22.48	22.41		
5	16QAM	1	24	22.40	22.30	22.45		
5	16QAM	12	0	21.31	21.52	21.48	22.6	2
5	16QAM	12	7	21.40	21.40	21.32		
5	16QAM	12	13	21.37	21.29	21.42		
5	16QAM	25	0	21.49	21.43	21.41		
5	64QAM	1	0	21.42	21.48	21.55	22.6	2
5	64QAM	1	12	21.35	21.52	21.52		
5	64QAM	1	24	21.40	21.36	21.52		
5	64QAM	12	0	20.41	20.50	20.50	21.6	3
5	64QAM	12	7	20.38	20.48	20.33		
5	64QAM	12	13	20.48	20.41	20.49		
5	64QAM	25	0	20.52	20.51	20.46		
5	256QAM	1	0	18.40	18.56	18.42	19.6	5
5	256QAM	1	12	18.35	18.46	18.30		
5	256QAM	1	24	18.36	18.36	18.34		
5	256QAM	12	0	18.57	18.41	18.49	19.6	5
5	256QAM	12	7	18.43	18.53	18.46		
5	256QAM	12	13	18.39	18.43	18.37		
5	256QAM	25	0	18.30	18.40	18.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.45	23.49	23.47	24.6	0
3	QPSK	1	8	23.40	23.37	23.42		
3	QPSK	1	14	23.39	23.40	23.35		
3	QPSK	8	0	22.37	22.50	22.47	23.6	1
3	QPSK	8	4	22.37	22.47	22.33		
3	QPSK	8	7	22.42	22.33	22.40		
3	QPSK	15	0	22.54	22.44	22.44		
3	16QAM	1	0	22.48	22.49	22.47	23.6	1
3	16QAM	1	8	22.26	22.52	22.37		
3	16QAM	1	14	22.34	22.41	22.45		
3	16QAM	8	0	21.39	21.56	21.41	22.6	2
3	16QAM	8	4	21.31	21.38	21.40		
3	16QAM	8	7	21.42	21.36	21.44		
3	16QAM	15	0	21.52	21.41	21.45		
3	64QAM	1	0	21.46	21.43	21.52	22.6	2
3	64QAM	1	8	21.31	21.50	21.50		
3	64QAM	1	14	21.37	21.32	21.43		
3	64QAM	8	0	20.36	20.51	20.47	21.6	3
3	64QAM	8	4	20.33	20.46	20.38		
3	64QAM	8	7	20.45	20.40	20.40		
3	64QAM	15	0	20.53	20.48	20.39		
3	256QAM	1	0	18.36	18.47	18.43	19.6	5
3	256QAM	1	8	18.36	18.48	18.32		
3	256QAM	1	14	18.39	18.32	18.30		
3	256QAM	8	0	18.51	18.38	18.40	19.6	5
3	256QAM	8	4	18.43	18.49	18.48		
3	256QAM	8	7	18.38	18.48	18.38		
3	256QAM	15	0	18.30	18.29	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.39	23.48	23.49	24.6	0
1.4	QPSK	1	3	23.33	23.39	23.43		
1.4	QPSK	1	5	23.32	23.35	23.42		
1.4	QPSK	3	0	23.25	23.43	23.39		
1.4	QPSK	3	1	23.23	23.27	23.40		
1.4	QPSK	3	3	23.24	23.24	23.30		
1.4	QPSK	6	0	22.46	22.44	22.42	23.6	1
1.4	16QAM	1	0	22.45	22.46	22.42	23.6	1
1.4	16QAM	1	3	22.28	22.50	22.46		
1.4	16QAM	1	5	22.41	22.31	22.44		
1.4	16QAM	3	0	22.44	22.30	22.34		
1.4	16QAM	3	1	22.32	22.42	22.35		
1.4	16QAM	3	3	22.17	22.38	22.44		
1.4	16QAM	6	0	21.51	21.41	21.36	22.6	2
1.4	64QAM	1	0	21.48	21.40	21.49	22.6	2
1.4	64QAM	1	3	21.34	21.54	21.43		
1.4	64QAM	1	5	21.36	21.35	21.51		
1.4	64QAM	3	0	21.38	21.33	21.29		
1.4	64QAM	3	1	21.42	21.37	21.37		
1.4	64QAM	3	3	21.28	21.51	21.31		
1.4	64QAM	6	0	20.52	20.46	20.44	21.6	3
1.4	256QAM	1	0	18.34	18.53	18.35	19.6	5
1.4	256QAM	1	3	18.30	18.47	18.28		
1.4	256QAM	1	5	18.43	18.35	18.36		
1.4	256QAM	3	0	18.51	18.39	18.42		
1.4	256QAM	3	1	18.37	18.51	18.57		
1.4	256QAM	3	3	18.42	18.49	18.35		
1.4	256QAM	6	0	18.41	18.35	18.47	19.6	5

Band 4 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.38	24.42	24.36	25.5	0
20	QPSK	1	49	24.34	24.31	24.22		
20	QPSK	1	99	24.25	24.29	24.31		
20	QPSK	50	0	23.40	23.43	23.42	24.5	1
20	QPSK	50	24	23.36	23.35	23.26		
20	QPSK	50	50	23.24	23.32	23.27		
20	QPSK	100	0	23.40	23.41	23.33		
20	16QAM	1	0	23.41	23.39	23.40	24.5	1
20	16QAM	1	49	23.36	23.30	23.24		
20	16QAM	1	99	23.31	23.29	23.27		
20	16QAM	50	0	22.39	22.46	22.38	23.5	2
20	16QAM	50	24	22.37	22.34	22.24		
20	16QAM	50	50	22.26	22.34	22.25		
20	16QAM	100	0	22.44	22.40	22.37		
20	64QAM	1	0	22.36	22.36	22.38	23.5	2
20	64QAM	1	49	22.39	22.30	22.23		
20	64QAM	1	99	22.35	22.30	22.24		
20	64QAM	50	0	21.48	21.40	21.36	22.5	3
20	64QAM	50	24	21.40	21.40	21.22		
20	64QAM	50	50	21.27	21.35	21.29		
20	64QAM	100	0	21.34	21.41	21.38		
20	256QAM	1	0	19.42	19.46	19.39	20.5	5
20	256QAM	1	49	19.31	19.32	19.32		
20	256QAM	1	99	19.29	19.28	19.27		
20	256QAM	50	0	19.45	19.45	19.36	20.5	5
20	256QAM	50	24	19.35	19.40	19.36		
20	256QAM	50	50	19.33	19.33	19.25		
20	256QAM	100	0	19.29	19.24	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.31	24.29	24.23	25.5	0
15	QPSK	1	37	24.26	24.26	24.12		
15	QPSK	1	74	24.16	24.18	24.27		
15	QPSK	36	0	23.35	23.35	23.39	24.5	1
15	QPSK	36	20	23.24	23.26	23.18		
15	QPSK	36	39	23.17	23.23	23.19		
15	QPSK	75	0	23.28	23.27	23.28		
15	16QAM	1	0	23.30	23.33	23.34	24.5	1
15	16QAM	1	37	23.32	23.19	23.14		
15	16QAM	1	74	23.23	23.26	23.21		
15	16QAM	36	0	22.37	22.33	22.25	23.5	2
15	16QAM	36	20	22.28	22.31	22.16		
15	16QAM	36	39	22.22	22.29	22.15		
15	16QAM	75	0	22.37	22.35	22.34		
15	64QAM	1	0	22.31	22.32	22.31	23.5	2
15	64QAM	1	37	22.31	22.19	22.14		
15	64QAM	1	74	22.23	22.21	22.10		
15	64QAM	36	0	21.43	21.34	21.28	22.5	3
15	64QAM	36	20	21.32	21.38	21.13		
15	64QAM	36	39	21.21	21.25	21.20		
15	64QAM	75	0	21.29	21.34	21.33		
15	256QAM	1	0	19.35	19.32	19.29	20.5	5
15	256QAM	1	37	19.27	19.19	19.26		
15	256QAM	1	74	19.18	19.20	19.23		
15	256QAM	36	0	19.31	19.41	19.27	20.5	5
15	256QAM	36	20	19.33	19.29	19.33		
15	256QAM	36	39	19.21	19.28	19.21		
15	256QAM	75	0	19.19	19.20	19.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.27	24.36	24.26	25.5	0
10	QPSK	1	25	24.22	24.18	24.14		
10	QPSK	1	49	24.15	24.18	24.19		
10	QPSK	25	0	23.30	23.36	23.39	24.5	1
10	QPSK	25	12	23.28	23.26	23.23		
10	QPSK	25	25	23.20	23.30	23.16		
10	QPSK	50	0	23.27	23.34	23.30		
10	16QAM	1	0	23.29	23.29	23.37	24.5	1
10	16QAM	1	25	23.30	23.27	23.17		
10	16QAM	1	49	23.19	23.16	23.23		
10	16QAM	25	0	22.34	22.40	22.29	23.5	2
10	16QAM	25	12	22.33	22.30	22.20		
10	16QAM	25	25	22.14	22.30	22.22		
10	16QAM	50	0	22.34	22.31	22.30		
10	64QAM	1	0	22.28	22.23	22.30	23.5	2
10	64QAM	1	25	22.36	22.28	22.20		
10	64QAM	1	49	22.27	22.21	22.11		
10	64QAM	25	0	21.35	21.29	21.23	22.5	3
10	64QAM	25	12	21.29	21.38	21.09		
10	64QAM	25	25	21.16	21.28	21.25		
10	64QAM	50	0	21.30	21.39	21.26		
10	256QAM	1	0	19.35	19.36	19.34	20.5	5
10	256QAM	1	25	19.17	19.23	19.29		
10	256QAM	1	49	19.24	19.14	19.21		
10	256QAM	25	0	19.35	19.37	19.33	20.5	5
10	256QAM	25	12	19.22	19.28	19.29		
10	256QAM	25	25	19.25	19.29	19.21		
10	256QAM	50	0	19.23	19.21	19.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.32	24.29	24.30	25.5	0
5	QPSK	1	12	24.31	24.18	24.09		
5	QPSK	1	24	24.13	24.23	24.28		
5	QPSK	12	0	23.34	23.30	23.35	24.5	1
5	QPSK	12	7	23.25	23.30	23.14		
5	QPSK	12	13	23.11	23.20	23.16		
5	QPSK	25	0	23.27	23.32	23.26		
5	16QAM	1	0	23.32	23.34	23.34	24.5	1
5	16QAM	1	12	23.31	23.23	23.21		
5	16QAM	1	24	23.18	23.20	23.16		
5	16QAM	12	0	22.25	22.33	22.34	23.5	2
5	16QAM	12	7	22.29	22.20	22.16		
5	16QAM	12	13	22.13	22.26	22.15		
5	16QAM	25	0	22.32	22.36	22.34		
5	64QAM	1	0	22.25	22.22	22.30	23.5	2
5	64QAM	1	12	22.31	22.19	22.13		
5	64QAM	1	24	22.25	22.16	22.12		
5	64QAM	12	0	21.36	21.30	21.26	22.5	3
5	64QAM	12	7	21.34	21.29	21.11		
5	64QAM	12	13	21.17	21.31	21.23		
5	64QAM	25	0	21.32	21.34	21.31		
5	256QAM	1	0	19.36	19.39	19.28	20.5	5
5	256QAM	1	12	19.24	19.22	19.29		
5	256QAM	1	24	19.16	19.14	19.20		
5	256QAM	12	0	19.35	19.38	19.32	20.5	5
5	256QAM	12	7	19.30	19.32	19.26		
5	256QAM	12	13	19.29	19.20	19.16		
5	256QAM	25	0	19.20	19.13	19.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.32	24.31	24.30	25.5	0
3	QPSK	1	8	24.21	24.22	24.17		
3	QPSK	1	14	24.20	24.15	24.24		
3	QPSK	8	0	23.31	23.30	23.30	24.5	1
3	QPSK	8	4	23.34	23.21	23.14		
3	QPSK	8	7	23.18	23.20	23.15		
3	QPSK	15	0	23.33	23.34	23.21		
3	16QAM	1	0	23.31	23.28	23.26	24.5	1
3	16QAM	1	8	23.23	23.21	23.18		
3	16QAM	1	14	23.27	23.19	23.17		
3	16QAM	8	0	22.28	22.32	22.35	23.5	2
3	16QAM	8	4	22.26	22.25	22.18		
3	16QAM	8	7	22.23	22.25	22.11		
3	16QAM	15	0	22.33	22.38	22.32		
3	64QAM	1	0	22.32	22.32	22.31	23.5	2
3	64QAM	1	8	22.28	22.21	22.10		
3	64QAM	1	14	22.23	22.17	22.19		
3	64QAM	8	0	21.40	21.26	21.31	22.5	3
3	64QAM	8	4	21.31	21.37	21.16		
3	64QAM	8	7	21.16	21.28	21.17		
3	64QAM	15	0	21.24	21.33	21.27		
3	256QAM	1	0	19.31	19.32	19.27	20.5	5
3	256QAM	1	8	19.21	19.20	19.20		
3	256QAM	1	14	19.21	19.22	19.20		
3	256QAM	8	0	19.42	19.33	19.33	20.5	5
3	256QAM	8	4	19.29	19.34	19.32		
3	256QAM	8	7	19.30	19.26	19.12		
3	256QAM	15	0	19.17	19.10	19.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.26	24.32	24.25	25.5	0
1.4	QPSK	1	3	24.30	24.29	24.16		
1.4	QPSK	1	5	24.20	24.18	24.23		
1.4	QPSK	3	0	24.19	24.21	24.14		
1.4	QPSK	3	1	24.17	24.24	24.06		
1.4	QPSK	3	3	24.10	24.09	24.15		
1.4	QPSK	6	0	23.28	23.38	23.30	24.5	1
1.4	16QAM	1	0	23.29	23.35	23.35	24.5	1
1.4	16QAM	1	3	23.29	23.24	23.14		
1.4	16QAM	1	5	23.20	23.22	23.16		
1.4	16QAM	3	0	23.25	23.31	23.19		
1.4	16QAM	3	1	23.16	23.33	23.29		
1.4	16QAM	3	3	23.18	23.10	23.03		
1.4	16QAM	6	0	22.36	22.33	22.29	23.5	2
1.4	64QAM	1	0	22.26	22.29	22.35	23.5	2
1.4	64QAM	1	3	22.36	22.19	22.10		
1.4	64QAM	1	5	22.30	22.21	22.15		
1.4	64QAM	3	0	22.24	22.22	22.17		
1.4	64QAM	3	1	22.14	22.19	22.25		
1.4	64QAM	3	3	22.24	22.15	22.06		
1.4	64QAM	6	0	21.32	21.35	21.35	22.5	3
1.4	256QAM	1	0	19.38	19.35	19.34	20.5	5
1.4	256QAM	1	3	19.24	19.20	19.26		
1.4	256QAM	1	5	19.16	19.26	19.17		
1.4	256QAM	3	0	19.34	19.38	19.34		
1.4	256QAM	3	1	19.22	19.33	19.29		
1.4	256QAM	3	3	19.21	19.29	19.19		
1.4	256QAM	6	0	19.26	19.15	19.19	20.5	5

Band 7 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.66	24.72	24.68	25.6	0
20	QPSK	1	49	24.63	24.68	24.59		
20	QPSK	1	99	24.59	24.60	24.62		
20	QPSK	50	0	23.70	23.74	23.70	24.6	1
20	QPSK	50	24	23.61	23.71	23.63		
20	QPSK	50	50	23.57	23.61	23.65		
20	QPSK	100	0	23.64	23.68	23.61		
20	16QAM	1	0	23.64	23.72	23.67	24.6	1
20	16QAM	1	49	23.58	23.70	23.56		
20	16QAM	1	99	23.63	23.59	23.62		
20	16QAM	50	0	22.70	22.74	22.74	23.6	2
20	16QAM	50	24	22.65	22.77	22.61		
20	16QAM	50	50	22.52	22.63	22.63		
20	16QAM	100	0	22.64	22.70	22.71		
20	64QAM	1	0	22.69	22.71	22.67	23.6	2
20	64QAM	1	49	22.53	22.75	22.50		
20	64QAM	1	99	22.62	22.55	22.58		
20	64QAM	50	0	21.66	21.72	21.67	22.6	3
20	64QAM	50	24	21.65	21.77	21.62		
20	64QAM	50	50	21.61	21.56	21.70		
20	64QAM	100	0	21.59	21.70	21.69		
20	256QAM	1	0	19.66	19.74	19.73	20.6	5
20	256QAM	1	49	19.58	19.72	19.60		
20	256QAM	1	99	19.62	19.57	19.63		
20	256QAM	50	0	19.59	19.63	19.69	20.6	5
20	256QAM	50	24	19.65	19.71	19.66		
20	256QAM	50	50	19.62	19.71	19.55		
20	256QAM	100	0	19.57	19.63	19.62		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.62	24.60	24.64	25.6	0
15	QPSK	1	37	24.50	24.61	24.48		
15	QPSK	1	74	24.54	24.54	24.55		
15	QPSK	36	0	23.64	23.70	23.67	24.6	1
15	QPSK	36	20	23.51	23.66	23.60		
15	QPSK	36	39	23.45	23.55	23.54		
15	QPSK	75	0	23.50	23.54	23.61		
15	16QAM	1	0	23.58	23.58	23.56	24.6	1
15	16QAM	1	37	23.55	23.58	23.53		
15	16QAM	1	74	23.51	23.50	23.50		
15	16QAM	36	0	22.65	22.68	22.66	23.6	2
15	16QAM	36	20	22.58	22.66	22.55		
15	16QAM	36	39	22.44	22.53	22.56		
15	16QAM	75	0	22.57	22.58	22.69		
15	64QAM	1	0	22.55	22.62	22.61	23.6	2
15	64QAM	1	37	22.42	22.63	22.44		
15	64QAM	1	74	22.59	22.50	22.48		
15	64QAM	36	0	21.57	21.70	21.64	22.6	3
15	64QAM	36	20	21.58	21.64	21.52		
15	64QAM	36	39	21.56	21.53	21.67		
15	64QAM	75	0	21.55	21.64	21.66		
15	256QAM	1	0	19.54	19.64	19.69	20.6	5
15	256QAM	1	37	19.52	19.64	19.50		
15	256QAM	1	74	19.50	19.52	19.50		
15	256QAM	36	0	19.51	19.54	19.58	20.6	5
15	256QAM	36	20	19.62	19.66	19.59		
15	256QAM	36	39	19.55	19.61	19.53		
15	256QAM	75	0	19.50	19.56	19.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.54	24.62	24.57	25.6	0
10	QPSK	1	25	24.54	24.59	24.52		
10	QPSK	1	49	24.54	24.50	24.49		
10	QPSK	25	0	23.61	23.71	23.57	24.6	1
10	QPSK	25	12	23.52	23.65	23.56		
10	QPSK	25	25	23.44	23.49	23.57		
10	QPSK	50	0	23.53	23.62	23.66		
10	16QAM	1	0	23.57	23.69	23.61	24.6	1
10	16QAM	1	25	23.55	23.64	23.44		
10	16QAM	1	49	23.53	23.47	23.49		
10	16QAM	25	0	22.66	22.61	22.65	23.6	2
10	16QAM	25	12	22.58	22.63	22.52		
10	16QAM	25	25	22.50	22.58	22.56		
10	16QAM	50	0	22.52	22.60	22.61		
10	64QAM	1	0	22.56	22.68	22.61	23.6	2
10	64QAM	1	25	22.43	22.67	22.44		
10	64QAM	1	49	22.58	22.44	22.50		
10	64QAM	25	0	21.63	21.66	21.64	22.6	3
10	64QAM	25	12	21.56	21.72	21.52		
10	64QAM	25	25	21.57	21.45	21.65		
10	64QAM	50	0	21.51	21.66	21.56		
10	256QAM	1	0	19.60	19.61	19.64	20.6	5
10	256QAM	1	25	19.49	19.58	19.52		
10	256QAM	1	49	19.56	19.49	19.58		
10	256QAM	25	0	19.45	19.55	19.59	20.6	5
10	256QAM	25	12	19.59	19.67	19.58		
10	256QAM	25	25	19.56	19.65	19.46		
10	256QAM	50	0	19.48	19.57	19.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.61	24.60	24.65	25.6	0
5	QPSK	1	12	24.51	24.54	24.49		
5	QPSK	1	24	24.53	24.48	24.54		
5	QPSK	12	0	23.63	23.61	23.64	24.6	1
5	QPSK	12	7	23.52	23.64	23.59		
5	QPSK	12	13	23.52	23.54	23.62		
5	QPSK	25	0	23.50	23.57	23.66		
5	16QAM	1	0	23.52	23.68	23.58	24.6	1
5	16QAM	1	12	23.51	23.59	23.47		
5	16QAM	1	24	23.53	23.48	23.55		
5	16QAM	12	0	22.60	22.65	22.71	23.6	2
5	16QAM	12	7	22.55	22.72	22.54		
5	16QAM	12	13	22.41	22.54	22.51		
5	16QAM	25	0	22.58	22.66	22.66		
5	64QAM	1	0	22.59	22.62	22.61	23.6	2
5	64QAM	1	12	22.43	22.62	22.45		
5	64QAM	1	24	22.49	22.50	22.55		
5	64QAM	12	0	21.62	21.63	21.55	22.6	3
5	64QAM	12	7	21.54	21.71	21.51		
5	64QAM	12	13	21.48	21.53	21.56		
5	64QAM	25	0	21.50	21.58	21.59		
5	256QAM	1	0	19.54	19.67	19.60	20.6	5
5	256QAM	1	12	19.56	19.65	19.56		
5	256QAM	1	24	19.51	19.44	19.55		
5	256QAM	12	0	19.50	19.53	19.60	20.6	5
5	256QAM	12	7	19.62	19.60	19.55		
5	256QAM	12	13	19.51	19.60	19.52		
5	256QAM	25	0	19.50	19.54	19.51		

Band 25 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.52	23.59	23.57	24.7	0
20	QPSK	1	49	23.45	23.54	23.48		
20	QPSK	1	99	23.47	23.52	23.53		
20	QPSK	50	0	22.51	22.63	22.60	23.7	1
20	QPSK	50	24	22.39	22.50	22.50		
20	QPSK	50	50	22.45	22.46	22.49		
20	QPSK	100	0	22.46	22.56	22.51		
20	16QAM	1	0	22.55	22.58	22.61	23.7	1
20	16QAM	1	49	22.42	22.58	22.49		
20	16QAM	1	99	22.42	22.50	22.53		
20	16QAM	50	0	21.46	21.65	21.55	22.7	2
20	16QAM	50	24	21.42	21.52	21.45		
20	16QAM	50	50	21.50	21.44	21.47		
20	16QAM	100	0	21.47	21.52	21.61		
20	64QAM	1	0	21.55	21.57	21.61	22.7	2
20	64QAM	1	49	21.46	21.53	21.44		
20	64QAM	1	99	21.48	21.51	21.48		
20	64QAM	50	0	20.51	20.68	20.60	21.7	3
20	64QAM	50	24	20.34	20.46	20.48		
20	64QAM	50	50	20.43	20.41	20.44		
20	64QAM	100	0	20.44	20.59	20.60		
20	256QAM	1	0	18.47	18.58	18.66	19.7	5
20	256QAM	1	49	18.42	18.55	18.52		
20	256QAM	1	99	18.41	18.48	18.44		
20	256QAM	50	0	18.48	18.52	18.60	19.7	5
20	256QAM	50	24	18.57	18.63	18.61		
20	256QAM	50	50	18.38	18.56	18.47		
20	256QAM	100	0	18.41	18.50	18.49		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.48	23.45	23.46	24.7	0
15	QPSK	1	37	23.40	23.45	23.43		
15	QPSK	1	74	23.40	23.39	23.40		
15	QPSK	36	0	22.42	22.57	22.48	23.7	1
15	QPSK	36	20	22.36	22.38	22.46		
15	QPSK	36	39	22.41	22.32	22.37		
15	QPSK	75	0	22.40	22.42	22.49		
15	16QAM	1	0	22.42	22.52	22.56	23.7	1
15	16QAM	1	37	22.29	22.50	22.38		
15	16QAM	1	74	22.39	22.38	22.40		
15	16QAM	36	0	21.36	21.52	21.49	22.7	2
15	16QAM	36	20	21.36	21.44	21.34		
15	16QAM	36	39	21.37	21.36	21.37		
15	16QAM	75	0	21.40	21.40	21.56		
15	64QAM	1	0	21.50	21.47	21.51	22.7	2
15	64QAM	1	37	21.39	21.47	21.40		
15	64QAM	1	74	21.42	21.39	21.44		
15	64QAM	36	0	20.45	20.60	20.47	21.7	3
15	64QAM	36	20	20.23	20.43	20.40		
15	64QAM	36	39	20.31	20.37	20.32		
15	64QAM	75	0	20.38	20.51	20.54		
15	256QAM	1	0	18.34	18.51	18.56	19.7	5
15	256QAM	1	37	18.29	18.47	18.49		
15	256QAM	1	74	18.37	18.37	18.37		
15	256QAM	36	0	18.34	18.43	18.48	19.7	5
15	256QAM	36	20	18.47	18.55	18.49		
15	256QAM	36	39	18.27	18.54	18.43		
15	256QAM	75	0	18.28	18.39	18.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.42	23.55	23.52	24.7	0
10	QPSK	1	25	23.40	23.44	23.36		
10	QPSK	1	49	23.43	23.47	23.45		
10	QPSK	25	0	22.45	22.54	22.46	23.7	1
10	QPSK	25	12	22.33	22.45	22.38		
10	QPSK	25	25	22.34	22.32	22.46		
10	QPSK	50	0	22.40	22.46	22.50		
10	16QAM	1	0	22.51	22.46	22.49	23.7	1
10	16QAM	1	25	22.31	22.47	22.37		
10	16QAM	1	49	22.36	22.36	22.40		
10	16QAM	25	0	21.34	21.56	21.46	22.7	2
10	16QAM	25	12	21.31	21.39	21.39		
10	16QAM	25	25	21.43	21.41	21.35		
10	16QAM	50	0	21.34	21.50	21.47		
10	64QAM	1	0	21.49	21.47	21.52	22.7	2
10	64QAM	1	25	21.40	21.44	21.39		
10	64QAM	1	49	21.38	21.45	21.39		
10	64QAM	25	0	20.38	20.65	20.57	21.7	3
10	64QAM	25	12	20.27	20.33	20.41		
10	64QAM	25	25	20.37	20.36	20.32		
10	64QAM	50	0	20.35	20.53	20.47		
10	256QAM	1	0	18.41	18.46	18.55	19.7	5
10	256QAM	1	25	18.31	18.52	18.47		
10	256QAM	1	49	18.37	18.39	18.38		
10	256QAM	25	0	18.39	18.39	18.51	19.7	5
10	256QAM	25	12	18.44	18.52	18.56		
10	256QAM	25	25	18.35	18.52	18.40		
10	256QAM	50	0	18.38	18.36	18.37		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.46	23.56	23.46	24.7	0
5	QPSK	1	12	23.35	23.40	23.44		
5	QPSK	1	24	23.42	23.49	23.48		
5	QPSK	12	0	22.37	22.51	22.52	23.7	1
5	QPSK	12	7	22.30	22.45	22.37		
5	QPSK	12	13	22.31	22.36	22.41		
5	QPSK	25	0	22.33	22.48	22.56		
5	16QAM	1	0	22.50	22.46	22.51	23.7	1
5	16QAM	1	12	22.39	22.55	22.37		
5	16QAM	1	24	22.33	22.45	22.40		
5	16QAM	12	0	21.33	21.60	21.45	22.7	2
5	16QAM	12	7	21.35	21.41	21.33		
5	16QAM	12	13	21.45	21.31	21.38		
5	16QAM	25	0	21.43	21.50	21.58		
5	64QAM	1	0	21.52	21.55	21.57	22.7	2
5	64QAM	1	12	21.39	21.48	21.33		
5	64QAM	1	24	21.43	21.45	21.43		
5	64QAM	12	0	20.43	20.61	20.54	21.7	3
5	64QAM	12	7	20.26	20.43	20.38		
5	64QAM	12	13	20.32	20.35	20.33		
5	64QAM	25	0	20.34	20.50	20.52		
5	256QAM	1	0	18.43	18.44	18.56	19.7	5
5	256QAM	1	12	18.34	18.47	18.49		
5	256QAM	1	24	18.28	18.44	18.40		
5	256QAM	12	0	18.38	18.47	18.57	19.7	5
5	256QAM	12	7	18.53	18.53	18.56		
5	256QAM	12	13	18.25	18.48	18.44		
5	256QAM	25	0	18.28	18.40	18.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.46	23.48	23.52	24.7	0
3	QPSK	1	8	23.42	23.41	23.36		
3	QPSK	1	14	23.44	23.41	23.46		
3	QPSK	8	0	22.40	22.57	22.53	23.7	1
3	QPSK	8	4	22.32	22.46	22.40		
3	QPSK	8	7	22.38	22.35	22.38		
3	QPSK	15	0	22.33	22.45	22.45		
3	16QAM	1	0	22.45	22.45	22.52	23.7	1
3	16QAM	1	8	22.35	22.54	22.37		
3	16QAM	1	14	22.32	22.47	22.40		
3	16QAM	8	0	21.38	21.53	21.52	22.7	2
3	16QAM	8	4	21.32	21.42	21.32		
3	16QAM	8	7	21.40	21.39	21.39		
3	16QAM	15	0	21.38	21.38	21.51		
3	64QAM	1	0	21.47	21.48	21.53	22.7	2
3	64QAM	1	8	21.38	21.45	21.38		
3	64QAM	1	14	21.39	21.46	21.43		
3	64QAM	8	0	20.47	20.58	20.57	21.7	3
3	64QAM	8	4	20.24	20.38	20.43		
3	64QAM	8	7	20.38	20.28	20.34		
3	64QAM	15	0	20.33	20.48	20.47		
3	256QAM	1	0	18.38	18.55	18.55	19.7	5
3	256QAM	1	8	18.39	18.43	18.41		
3	256QAM	1	14	18.36	18.41	18.32		
3	256QAM	8	0	18.37	18.49	18.53	19.7	5
3	256QAM	8	4	18.43	18.51	18.50		
3	256QAM	8	7	18.36	18.48	18.42		
3	256QAM	15	0	18.38	18.43	18.42		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.40	23.49	23.46	24.7	0
1.4	QPSK	1	3	23.40	23.41	23.41		
1.4	QPSK	1	5	23.42	23.39	23.41		
1.4	QPSK	3	0	23.27	23.45	23.32		
1.4	QPSK	3	1	23.36	23.31	23.39		
1.4	QPSK	3	3	23.32	23.34	23.27		
1.4	QPSK	6	0	22.37	22.46	22.51	23.7	1
1.4	16QAM	1	0	22.46	22.54	22.57	23.7	1
1.4	16QAM	1	3	22.40	22.45	22.39		
1.4	16QAM	1	5	22.31	22.41	22.46		
1.4	16QAM	3	0	22.34	22.37	22.40		
1.4	16QAM	3	1	22.37	22.44	22.49		
1.4	16QAM	3	3	22.37	22.36	22.36		
1.4	16QAM	6	0	21.37	21.45	21.52	22.7	2
1.4	64QAM	1	0	21.42	21.44	21.53	22.7	2
1.4	64QAM	1	3	21.38	21.45	21.33		
1.4	64QAM	1	5	21.36	21.38	21.40		
1.4	64QAM	3	0	21.33	21.32	21.45		
1.4	64QAM	3	1	21.38	21.40	21.48		
1.4	64QAM	3	3	21.26	21.41	21.21		
1.4	64QAM	6	0	20.40	20.52	20.55	21.7	3
1.4	256QAM	1	0	18.44	18.44	18.52	19.7	5
1.4	256QAM	1	3	18.31	18.53	18.39		
1.4	256QAM	1	5	18.32	18.43	18.33		
1.4	256QAM	3	0	18.37	18.45	18.52		
1.4	256QAM	3	1	18.49	18.54	18.57		
1.4	256QAM	3	3	18.25	18.48	18.40		
1.4	256QAM	6	0	18.36	18.43	18.44	19.7	5

Band 66 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.53	23.60	23.55	24.5	0
20	QPSK	1	49	23.39	23.58	23.49		
20	QPSK	1	99	23.48	23.54	23.51		
20	QPSK	50	0	22.56	22.59	22.55	23.5	1
20	QPSK	50	24	22.35	22.53	22.55		
20	QPSK	50	50	22.44	22.52	22.55		
20	QPSK	100	0	22.57	22.58	22.54		
20	16QAM	1	0	22.55	22.55	22.54	23.5	1
20	16QAM	1	49	22.37	22.61	22.44		
20	16QAM	1	99	22.47	22.50	22.56		
20	16QAM	50	0	21.50	21.56	21.56	22.5	2
20	16QAM	50	24	21.33	21.55	21.49		
20	16QAM	50	50	21.42	21.49	21.55		
20	16QAM	100	0	21.60	21.64	21.53		
20	64QAM	1	0	21.49	21.49	21.58	22.5	2
20	64QAM	1	49	21.38	21.58	21.38		
20	64QAM	1	99	21.52	21.50	21.59		
20	64QAM	50	0	20.54	20.59	20.65	21.5	3
20	64QAM	50	24	20.32	20.58	20.54		
20	64QAM	50	50	20.48	20.57	20.50		
20	64QAM	100	0	20.53	20.59	20.59		
20	256QAM	1	0	18.61	18.63	18.58	19.5	5
20	256QAM	1	49	18.38	18.57	18.59		
20	256QAM	1	99	18.46	18.50	18.50		
20	256QAM	50	0	18.54	18.60	18.49	19.5	5
20	256QAM	50	24	18.50	18.56	18.58		
20	256QAM	50	50	18.33	18.59	18.50		
20	256QAM	100	0	18.43	18.45	18.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.46	23.46	23.50	24.5	0
15	QPSK	1	37	23.32	23.49	23.36		
15	QPSK	1	74	23.35	23.50	23.41		
15	QPSK	36	0	22.51	22.54	22.58	23.5	1
15	QPSK	36	20	22.23	22.47	22.44		
15	QPSK	36	39	22.33	22.40	22.41		
15	QPSK	75	0	22.52	22.48	22.41		
15	16QAM	1	0	22.53	22.51	22.42	23.5	1
15	16QAM	1	37	22.23	22.54	22.38		
15	16QAM	1	74	22.45	22.46	22.45		
15	16QAM	36	0	21.40	21.52	21.52	22.5	2
15	16QAM	36	20	21.26	21.47	21.44		
15	16QAM	36	39	21.30	21.43	21.44		
15	16QAM	75	0	21.46	21.62	21.49		
15	64QAM	1	0	21.45	21.35	21.48	22.5	2
15	64QAM	1	37	21.29	21.53	21.28		
15	64QAM	1	74	21.40	21.42	21.56		
15	64QAM	36	0	20.48	20.48	20.56	21.5	3
15	64QAM	36	20	20.29	20.51	20.42		
15	64QAM	36	39	20.35	20.53	20.44		
15	64QAM	75	0	20.51	20.57	20.56		
15	256QAM	1	0	18.54	18.52	18.47	19.5	5
15	256QAM	1	37	18.29	18.49	18.45		
15	256QAM	1	74	18.43	18.45	18.38		
15	256QAM	36	0	18.48	18.47	18.43	19.5	5
15	256QAM	36	20	18.38	18.49	18.49		
15	256QAM	36	39	18.27	18.48	18.39		
15	256QAM	75	0	18.32	18.39	18.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.49	23.42	24.5	0
10	QPSK	1	25	23.26	23.53	23.44		
10	QPSK	1	49	23.41	23.41	23.43		
10	QPSK	25	0	22.42	22.53	22.56	23.5	1
10	QPSK	25	12	22.27	22.42	22.41		
10	QPSK	25	25	22.38	22.42	22.52		
10	QPSK	50	0	22.49	22.52	22.51		
10	16QAM	1	0	22.48	22.46	22.47	23.5	1
10	16QAM	1	25	22.31	22.48	22.32		
10	16QAM	1	49	22.35	22.36	22.50		
10	16QAM	25	0	21.37	21.44	21.53	22.5	2
10	16QAM	25	12	21.24	21.46	21.44		
10	16QAM	25	25	21.36	21.37	21.51		
10	16QAM	50	0	21.54	21.58	21.50		
10	64QAM	1	0	21.40	21.38	21.45	22.5	2
10	64QAM	1	25	21.25	21.53	21.26		
10	64QAM	1	49	21.39	21.43	21.45		
10	64QAM	25	0	20.51	20.47	20.55	21.5	3
10	64QAM	25	12	20.20	20.55	20.45		
10	64QAM	25	25	20.38	20.52	20.44		
10	64QAM	50	0	20.45	20.56	20.47		
10	256QAM	1	0	18.47	18.60	18.53	19.5	5
10	256QAM	1	25	18.24	18.47	18.48		
10	256QAM	1	49	18.37	18.37	18.38		
10	256QAM	25	0	18.44	18.47	18.42	19.5	5
10	256QAM	25	12	18.39	18.51	18.52		
10	256QAM	25	25	18.22	18.55	18.38		
10	256QAM	50	0	18.31	18.34	18.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.47	23.51	23.49	24.5	0
5	QPSK	1	12	23.29	23.46	23.37		
5	QPSK	1	24	23.45	23.44	23.45		
5	QPSK	12	0	22.47	22.53	22.47	23.5	1
5	QPSK	12	7	22.33	22.41	22.47		
5	QPSK	12	13	22.39	22.41	22.53		
5	QPSK	25	0	22.45	22.50	22.44		
5	16QAM	1	0	22.53	22.44	22.47	23.5	1
5	16QAM	1	12	22.26	22.52	22.39		
5	16QAM	1	24	22.34	22.39	22.50		
5	16QAM	12	0	21.45	21.47	21.51	22.5	2
5	16QAM	12	7	21.24	21.47	21.46		
5	16QAM	12	13	21.32	21.42	21.43		
5	16QAM	25	0	21.47	21.54	21.46		
5	64QAM	1	0	21.46	21.36	21.52	22.5	2
5	64QAM	1	12	21.27	21.49	21.25		
5	64QAM	1	24	21.46	21.38	21.54		
5	64QAM	12	0	20.52	20.45	20.55	21.5	3
5	64QAM	12	7	20.26	20.53	20.45		
5	64QAM	12	13	20.40	20.49	20.36		
5	64QAM	25	0	20.49	20.54	20.56		
5	256QAM	1	0	18.51	18.51	18.47	19.5	5
5	256QAM	1	12	18.31	18.44	18.56		
5	256QAM	1	24	18.36	18.41	18.42		
5	256QAM	12	0	18.46	18.52	18.35	19.5	5
5	256QAM	12	7	18.48	18.51	18.54		
5	256QAM	12	13	18.20	18.57	18.37		
5	256QAM	25	0	18.37	18.41	18.46		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.42	23.58	23.51	24.5	0
3	QPSK	1	8	23.30	23.51	23.41		
3	QPSK	1	14	23.46	23.41	23.49		
3	QPSK	8	0	22.48	22.56	22.50	23.5	1
3	QPSK	8	4	22.29	22.48	22.49		
3	QPSK	8	7	22.36	22.41	22.47		
3	QPSK	15	0	22.46	22.44	22.44		
3	16QAM	1	0	22.49	22.48	22.40	23.5	1
3	16QAM	1	8	22.26	22.58	22.31		
3	16QAM	1	14	22.43	22.45	22.48		
3	16QAM	8	0	21.43	21.44	21.45	22.5	2
3	16QAM	8	4	21.27	21.42	21.37		
3	16QAM	8	7	21.30	21.38	21.45		
3	16QAM	15	0	21.51	21.57	21.45		
3	64QAM	1	0	21.46	21.40	21.46	22.5	2
3	64QAM	1	8	21.33	21.45	21.27		
3	64QAM	1	14	21.42	21.39	21.53		
3	64QAM	8	0	20.48	20.57	20.61	21.5	3
3	64QAM	8	4	20.18	20.52	20.51		
3	64QAM	8	7	20.44	20.45	20.38		
3	64QAM	15	0	20.50	20.46	20.57		
3	256QAM	1	0	18.58	18.52	18.46	19.5	5
3	256QAM	1	8	18.34	18.50	18.46		
3	256QAM	1	14	18.33	18.41	18.41		
3	256QAM	8	0	18.45	18.54	18.45	19.5	5
3	256QAM	8	4	18.42	18.47	18.48		
3	256QAM	8	7	18.20	18.56	18.42		
3	256QAM	15	0	18.33	18.33	18.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.46	23.50	23.44	24.5	0
1.4	QPSK	1	3	23.33	23.47	23.46		
1.4	QPSK	1	5	23.42	23.46	23.40		
1.4	QPSK	3	0	23.40	23.39	23.32		
1.4	QPSK	3	1	23.30	23.36	23.38		
1.4	QPSK	3	3	23.36	23.35	23.28		
1.4	QPSK	6	0	22.49	22.54	22.43	23.5	1
1.4	16QAM	1	0	22.47	22.45	22.43	23.5	1
1.4	16QAM	1	3	22.24	22.58	22.35		
1.4	16QAM	1	5	22.45	22.44	22.45		
1.4	16QAM	3	0	22.46	22.42	22.34		
1.4	16QAM	3	1	22.44	22.33	22.31		
1.4	16QAM	3	3	22.14	22.52	22.26		
1.4	16QAM	6	0	21.53	21.60	21.40	22.5	2
1.4	64QAM	1	0	21.43	21.41	21.46	22.5	2
1.4	64QAM	1	3	21.30	21.50	21.29		
1.4	64QAM	1	5	21.49	21.44	21.47		
1.4	64QAM	3	0	21.43	21.57	21.37		
1.4	64QAM	3	1	21.34	21.36	21.35		
1.4	64QAM	3	3	21.22	21.38	21.22		
1.4	64QAM	6	0	20.49	20.47	20.55	21.5	3
1.4	256QAM	1	0	18.51	18.50	18.44	19.5	5
1.4	256QAM	1	3	18.31	18.46	18.49		
1.4	256QAM	1	5	18.42	18.39	18.48		
1.4	256QAM	3	0	18.42	18.51	18.41		
1.4	256QAM	3	1	18.42	18.53	18.46		
1.4	256QAM	3	3	18.25	18.46	18.41		
1.4	256QAM	6	0	18.38	18.41	18.40	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.59	24.65	24.55	25.5	0
20	QPSK	1	49	24.53	24.58	24.50		
20	QPSK	1	99	24.50	24.52	24.42		
20	QPSK	50	0	23.56	23.71	23.57	24.5	1
20	QPSK	50	24	23.55	23.58	23.45		
20	QPSK	50	50	23.47	23.46	23.48		
20	QPSK	100	0	23.61	23.68	23.58		
20	16QAM	1	0	23.59	23.59	23.53	24.5	1
20	16QAM	1	49	23.58	23.55	23.52		
20	16QAM	1	99	23.47	23.52	23.43		
20	16QAM	50	0	22.57	22.65	22.52	23.5	2
20	16QAM	50	24	22.61	22.60	22.43		
20	16QAM	50	50	22.49	22.48	22.42		
20	16QAM	100	0	22.64	22.67	22.57		
20	64QAM	1	0	22.55	22.61	22.47	23.5	2
20	64QAM	1	49	22.54	22.50	22.55		
20	64QAM	1	99	22.45	22.53	22.46		
20	64QAM	50	0	21.60	21.70	21.57	22.5	3
20	64QAM	50	24	21.51	21.61	21.41		
20	64QAM	50	50	21.45	21.43	21.43		
20	64QAM	100	0	21.66	21.68	21.52		
20	256QAM	1	0	19.61	19.67	19.54	20.5	5
20	256QAM	1	49	19.59	19.53	19.41		
20	256QAM	1	99	19.43	19.51	19.49		
20	256QAM	50	0	19.65	19.64	19.63	20.5	5
20	256QAM	50	24	19.54	19.55	19.57		
20	256QAM	50	50	19.62	19.56	19.52		
20	256QAM	100	0	19.43	19.51	19.43		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.62	24.51	25.5	0
15	QPSK	1	37	24.45	24.50	24.42		
15	QPSK	1	74	24.38	24.42	24.29		
15	QPSK	36	0	23.53	23.65	23.46	24.5	1
15	QPSK	36	20	23.47	23.56	23.40		
15	QPSK	36	39	23.40	23.38	23.46		
15	QPSK	75	0	23.50	23.61	23.50		
15	16QAM	1	0	23.55	23.52	23.47	24.5	1
15	16QAM	1	37	23.53	23.46	23.41		
15	16QAM	1	74	23.39	23.47	23.32		
15	16QAM	36	0	22.53	22.56	22.49	23.5	2
15	16QAM	36	20	22.58	22.47	22.33		
15	16QAM	36	39	22.43	22.35	22.38		
15	16QAM	75	0	22.62	22.59	22.43		
15	64QAM	1	0	22.47	22.50	22.36	23.5	2
15	64QAM	1	37	22.51	22.41	22.48		
15	64QAM	1	74	22.36	22.41	22.44		
15	64QAM	36	0	21.52	21.66	21.45	22.5	3
15	64QAM	36	20	21.47	21.50	21.32		
15	64QAM	36	39	21.35	21.37	21.33		
15	64QAM	75	0	21.52	21.61	21.42		
15	256QAM	1	0	19.58	19.54	19.42	20.5	5
15	256QAM	1	37	19.45	19.44	19.36		
15	256QAM	1	74	19.36	19.41	19.45		
15	256QAM	36	0	19.54	19.51	19.58	20.5	5
15	256QAM	36	20	19.49	19.52	19.46		
15	256QAM	36	39	19.50	19.48	19.39		
15	256QAM	75	0	19.33	19.48	19.37		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.51	24.61	24.50	25.5	0
10	QPSK	1	25	24.47	24.53	24.39		
10	QPSK	1	49	24.40	24.46	24.34		
10	QPSK	25	0	23.43	23.58	23.51	24.5	1
10	QPSK	25	12	23.51	23.49	23.31		
10	QPSK	25	25	23.35	23.34	23.43		
10	QPSK	50	0	23.51	23.59	23.45		
10	16QAM	1	0	23.48	23.51	23.43	24.5	1
10	16QAM	1	25	23.46	23.43	23.41		
10	16QAM	1	49	23.40	23.48	23.32		
10	16QAM	25	0	22.54	22.52	22.49	23.5	2
10	16QAM	25	12	22.53	22.53	22.31		
10	16QAM	25	25	22.40	22.37	22.35		
10	16QAM	50	0	22.57	22.63	22.43		
10	64QAM	1	0	22.41	22.53	22.35	23.5	2
10	64QAM	1	25	22.49	22.38	22.49		
10	64QAM	1	49	22.40	22.48	22.37		
10	64QAM	25	0	21.51	21.65	21.47	22.5	3
10	64QAM	25	12	21.40	21.56	21.35		
10	64QAM	25	25	21.38	21.32	21.30		
10	64QAM	50	0	21.52	21.65	21.46		
10	256QAM	1	0	19.52	19.53	19.50	20.5	5
10	256QAM	1	25	19.50	19.46	19.32		
10	256QAM	1	49	19.39	19.41	19.47		
10	256QAM	25	0	19.60	19.51	19.60	20.5	5
10	256QAM	25	12	19.47	19.45	19.47		
10	256QAM	25	25	19.49	19.42	19.41		
10	256QAM	50	0	19.31	19.42	19.30		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.55	24.56	24.47	25.5	0
5	QPSK	1	12	24.46	24.54	24.40		
5	QPSK	1	24	24.38	24.40	24.29		
5	QPSK	12	0	23.44	23.59	23.52	24.5	1
5	QPSK	12	7	23.41	23.50	23.34		
5	QPSK	12	13	23.37	23.43	23.34		
5	QPSK	25	0	23.57	23.56	23.49		
5	16QAM	1	0	23.50	23.51	23.49	24.5	1
5	16QAM	1	12	23.50	23.50	23.47		
5	16QAM	1	24	23.34	23.39	23.32		
5	16QAM	12	0	22.46	22.57	22.42	23.5	2
5	16QAM	12	7	22.49	22.50	22.36		
5	16QAM	12	13	22.43	22.39	22.31		
5	16QAM	25	0	22.59	22.57	22.47		
5	64QAM	1	0	22.50	22.47	22.39	23.5	2
5	64QAM	1	12	22.42	22.37	22.45		
5	64QAM	1	24	22.33	22.41	22.33		
5	64QAM	12	0	21.49	21.65	21.51	22.5	3
5	64QAM	12	7	21.46	21.58	21.31		
5	64QAM	12	13	21.32	21.34	21.33		
5	64QAM	25	0	21.58	21.60	21.49		
5	256QAM	1	0	19.55	19.62	19.46	20.5	5
5	256QAM	1	12	19.51	19.42	19.38		
5	256QAM	1	24	19.31	19.38	19.36		
5	256QAM	12	0	19.54	19.57	19.56	20.5	5
5	256QAM	12	7	19.46	19.50	19.43		
5	256QAM	12	13	19.54	19.45	19.39		
5	256QAM	25	0	19.30	19.49	19.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.31	24.38	24.42	24.31	24.25	25.4	0
20	QPSK	1	49	24.29	24.25	24.35	24.22	24.14		
20	QPSK	1	99	24.18	24.25	24.30	24.19	24.20		
20	QPSK	50	0	23.26	23.36	23.41	23.34	23.25	24.4	1
20	QPSK	50	24	23.27	23.24	23.34	23.17	23.11		
20	QPSK	50	50	23.20	23.20	23.26	23.15	23.17		
20	QPSK	100	0	23.32	23.37	23.38	23.36	23.21		
20	16QAM	1	0	23.28	23.41	23.37	23.28	23.25	24.4	1
20	16QAM	1	49	23.34	23.22	23.41	23.27	23.15		
20	16QAM	1	99	23.24	23.28	23.31	23.15	23.21		
20	16QAM	50	0	22.26	22.33	22.46	22.34	22.22	23.4	2
20	16QAM	50	24	22.26	22.28	22.37	22.23	22.15		
20	16QAM	50	50	22.22	22.22	22.23	22.11	22.17		
20	16QAM	100	0	22.33	22.44	22.38	22.39	22.17		
20	64QAM	1	0	22.28	22.45	22.40	22.31	22.25	23.4	2
20	64QAM	1	49	22.29	22.23	22.36	22.24	22.09		
20	64QAM	1	99	22.26	22.25	22.32	22.16	22.23		
20	64QAM	50	0	21.24	21.37	21.39	21.34	21.24	22.4	3
20	64QAM	50	24	21.32	21.19	21.35	21.13	21.16		
20	64QAM	50	50	21.14	21.17	21.26	21.13	21.16		
20	64QAM	100	0	21.32	21.39	21.38	21.41	21.26		
20	256QAM	1	0	19.22	19.31	19.41	19.38	19.28	20.4	5
20	256QAM	1	49	19.25	19.23	19.32	19.19	19.12		
20	256QAM	1	99	19.15	19.14	19.21	19.13	19.20		
20	256QAM	50	0	19.29	19.44	19.36	19.34	19.16	20.4	5
20	256QAM	50	24	19.26	19.41	19.34	19.28	19.26		
20	256QAM	50	50	19.28	19.22	19.47	19.30	19.12		
20	256QAM	100	0	19.18	19.31	19.31	19.11	19.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.26	24.25	24.34	24.28	24.13	25.40	0
15	QPSK	1	37	24.26	24.16	24.25	24.10	24.10		
15	QPSK	1	74	24.16	24.13	24.20	24.16	24.18		
15	QPSK	36	0	23.19	23.32	23.35	23.25	23.12	24.4	1
15	QPSK	36	20	23.14	23.10	23.29	23.08	22.97		
15	QPSK	36	39	23.11	23.15	23.12	23.07	23.05		
15	QPSK	75	0	23.29	23.34	23.25	23.29	23.10		
15	16QAM	1	0	23.16	23.29	23.32	23.15	23.16	24.4	1
15	16QAM	1	37	23.25	23.12	23.33	23.22	23.04		
15	16QAM	1	74	23.14	23.25	23.18	23.02	23.07		
15	16QAM	36	0	22.12	22.30	22.39	22.30	22.12	23.4	2
15	16QAM	36	20	22.22	22.15	22.33	22.18	22.06		
15	16QAM	36	39	22.10	22.17	22.14	22.00	22.08		
15	16QAM	75	0	22.23	22.31	22.24	22.30	22.05		
15	64QAM	1	0	22.17	22.42	22.28	22.19	22.11	23.4	2
15	64QAM	1	37	22.27	22.21	22.32	22.20	22.00		
15	64QAM	1	74	22.19	22.13	22.30	22.02	22.10		
15	64QAM	36	0	21.13	21.35	21.27	21.29	21.18	22.4	3
15	64QAM	36	20	21.19	21.14	21.29	21.04	21.06		
15	64QAM	36	39	21.09	21.09	21.20	21.06	21.03		
15	64QAM	75	0	21.29	21.32	21.36	21.36	21.14		
15	256QAM	1	0	19.09	19.27	19.30	19.34	19.15	20.4	5
15	256QAM	1	37	19.20	19.16	19.21	19.13	19.09		
15	256QAM	1	74	19.02	19.07	19.18	18.99	19.12		
15	256QAM	36	0	19.20	19.40	19.26	19.22	19.07	20.4	5
15	256QAM	36	20	19.17	19.38	19.30	19.17	19.17		
15	256QAM	36	39	19.24	19.14	19.42	19.19	19.07		
15	256QAM	75	0	19.06	19.18	19.18	19.01	19.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.24	24.27	24.29	24.25	24.14	25.40	0
10	QPSK	1	25	24.27	24.16	24.22	24.11	24.12		
10	QPSK	1	49	24.05	24.18	24.21	24.08	24.13		
10	QPSK	25	0	23.22	23.29	23.36	23.28	23.21	24.4	1
10	QPSK	25	12	23.14	23.10	23.22	23.07	23.05		
10	QPSK	25	25	23.10	23.16	23.19	23.11	23.14		
10	QPSK	50	0	23.19	23.35	23.28	23.27	23.11		
10	16QAM	1	0	23.25	23.30	23.29	23.18	23.18	24.4	1
10	16QAM	1	25	23.21	23.18	23.28	23.16	23.02		
10	16QAM	1	49	23.18	23.26	23.17	23.04	23.13		
10	16QAM	25	0	22.12	22.19	22.35	22.21	22.15	23.4	2
10	16QAM	25	12	22.22	22.16	22.24	22.11	22.02		
10	16QAM	25	25	22.13	22.09	22.14	22.06	22.05		
10	16QAM	50	0	22.31	22.34	22.30	22.26	22.05		
10	64QAM	1	0	22.20	22.38	22.27	22.21	22.18	23.4	2
10	64QAM	1	25	22.25	22.21	22.28	22.15	22.04		
10	64QAM	1	49	22.16	22.13	22.22	22.13	22.10		
10	64QAM	25	0	21.19	21.32	21.35	21.27	21.14	22.4	3
10	64QAM	25	12	21.27	21.11	21.21	21.07	21.14		
10	64QAM	25	25	21.10	21.13	21.14	21.07	21.03		
10	64QAM	50	0	21.26	21.34	21.25	21.32	21.13		
10	256QAM	1	0	19.12	19.20	19.34	19.28	19.21	20.4	5
10	256QAM	1	25	19.22	19.14	19.19	19.07	19.03		
10	256QAM	1	49	19.05	19.00	19.12	19.00	19.07		
10	256QAM	25	0	19.26	19.36	19.26	19.32	19.12	20.4	5
10	256QAM	25	12	19.13	19.28	19.21	19.24	19.21		
10	256QAM	25	25	19.18	19.09	19.41	19.18	19.00		
10	256QAM	50	0	19.09	19.21	19.27	19.00	19.10		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.18	24.27	24.30	24.18	24.13	25.40	0
5	QPSK	1	12	24.24	24.21	24.23	24.17	24.04		
5	QPSK	1	24	24.06	24.13	24.19	24.07	24.14		
5	QPSK	12	0	23.24	23.28	23.34	23.23	23.19	24.4	1
5	QPSK	12	7	23.23	23.14	23.27	23.03	23.05		
5	QPSK	12	13	23.12	23.13	23.17	23.08	23.09		
5	QPSK	25	0	23.23	23.31	23.32	23.33	23.14		
5	16QAM	1	0	23.23	23.36	23.32	23.15	23.18	24.4	1
5	16QAM	1	12	23.24	23.17	23.31	23.18	23.10		
5	16QAM	1	24	23.11	23.17	23.21	23.07	23.10		
5	16QAM	12	0	22.19	22.29	22.44	22.21	22.11	23.4	2
5	16QAM	12	7	22.12	22.15	22.33	22.13	22.04		
5	16QAM	12	13	22.16	22.14	22.14	22.04	22.13		
5	16QAM	25	0	22.27	22.40	22.26	22.28	22.05		
5	64QAM	1	0	22.18	22.35	22.31	22.28	22.23	23.4	2
5	64QAM	1	12	22.19	22.20	22.29	22.12	22.01		
5	64QAM	1	24	22.23	22.16	22.23	22.04	22.09		
5	64QAM	12	0	21.12	21.27	21.35	21.21	21.19	22.4	3
5	64QAM	12	7	21.21	21.16	21.28	21.09	21.10		
5	64QAM	12	13	21.02	21.07	21.18	21.03	21.09		
5	64QAM	25	0	21.26	21.33	21.32	21.28	21.13		
5	256QAM	1	0	19.12	19.19	19.28	19.36	19.18	20.4	5
5	256QAM	1	12	19.21	19.10	19.30	19.12	19.08		
5	256QAM	1	24	19.08	19.02	19.14	19.00	19.15		
5	256QAM	12	0	19.21	19.31	19.28	19.24	19.06	20.4	5
5	256QAM	12	7	19.21	19.38	19.26	19.17	19.15		
5	256QAM	12	13	19.21	19.08	19.39	19.25	19.10		
5	256QAM	25	0	19.09	19.20	19.19	19.04	19.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.71	24.79	24.75	25.5	0
20	QPSK	1	49	24.59	24.77	24.70		
20	QPSK	1	99	24.68	24.75	24.65		
20	QPSK	50	0	23.73	23.83	23.75	24.5	1
20	QPSK	50	24	23.59	23.72	23.73		
20	QPSK	50	50	23.64	23.76	23.67		
20	QPSK	100	0	23.68	23.82	23.74		
20	16QAM	1	0	23.66	23.78	23.80	24.5	1
20	16QAM	1	49	23.64	23.71	23.72		
20	16QAM	1	99	23.69	23.75	23.60		
20	16QAM	50	0	22.77	22.79	22.76	23.5	2
20	16QAM	50	24	22.54	22.66	22.78		
20	16QAM	50	50	22.63	22.72	22.65		
20	16QAM	100	0	22.65	22.80	22.74		
20	64QAM	1	0	22.60	22.80	22.81	23.5	2
20	64QAM	1	49	22.63	22.74	22.75		
20	64QAM	1	99	22.68	22.73	22.59		
20	64QAM	50	0	21.67	21.80	21.78	22.5	3
20	64QAM	50	24	21.63	21.77	21.71		
20	64QAM	50	50	21.60	21.73	21.65		
20	64QAM	100	0	21.73	21.83	21.79		
20	256QAM	1	0	19.72	19.85	19.69	20.5	5
20	256QAM	1	49	19.65	19.73	19.78		
20	256QAM	1	99	19.66	19.74	19.69		
20	256QAM	50	0	19.65	19.85	19.79	20.5	5
20	256QAM	50	24	19.63	19.79	19.75		
20	256QAM	50	50	19.63	19.70	19.67		
20	256QAM	100	0	19.67	19.71	19.62		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.60	24.75	24.66	25.5	0
15	QPSK	1	37	24.45	24.68	24.64		
15	QPSK	1	74	24.62	24.62	24.60		
15	QPSK	36	0	23.70	23.77	23.71	24.5	1
15	QPSK	36	20	23.56	23.69	23.64		
15	QPSK	36	39	23.59	23.66	23.61		
15	QPSK	75	0	23.58	23.74	23.70		
15	16QAM	1	0	23.56	23.72	23.76	24.5	1
15	16QAM	1	37	23.54	23.65	23.65		
15	16QAM	1	74	23.60	23.64	23.53		
15	16QAM	36	0	22.67	22.76	22.73	23.5	2
15	16QAM	36	20	22.47	22.63	22.67		
15	16QAM	36	39	22.55	22.58	22.62		
15	16QAM	75	0	22.62	22.73	22.71		
15	64QAM	1	0	22.55	22.70	22.68	23.5	2
15	64QAM	1	37	22.59	22.65	22.69		
15	64QAM	1	74	22.60	22.66	22.46		
15	64QAM	36	0	21.58	21.67	21.76	22.5	3
15	64QAM	36	20	21.50	21.66	21.64		
15	64QAM	36	39	21.54	21.69	21.58		
15	64QAM	75	0	21.59	21.75	21.69		
15	256QAM	1	0	19.64	19.75	19.62	20.5	5
15	256QAM	1	37	19.60	19.61	19.68		
15	256QAM	1	74	19.56	19.63	19.62		
15	256QAM	36	0	19.58	19.78	19.72	20.5	5
15	256QAM	36	20	19.54	19.69	19.70		
15	256QAM	36	39	19.51	19.68	19.60		
15	256QAM	75	0	19.61	19.59	19.57		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.64	24.67	24.66	25.5	0
10	QPSK	1	25	24.49	24.70	24.64		
10	QPSK	1	49	24.65	24.69	24.51		
10	QPSK	25	0	23.69	23.75	23.66	24.5	1
10	QPSK	25	12	23.48	23.64	23.60		
10	QPSK	25	25	23.59	23.72	23.61		
10	QPSK	50	0	23.60	23.73	23.60		
10	16QAM	1	0	23.52	23.68	23.69	24.5	1
10	16QAM	1	25	23.53	23.62	23.58		
10	16QAM	1	49	23.57	23.67	23.49		
10	16QAM	25	0	22.72	22.67	22.71	23.5	2
10	16QAM	25	12	22.51	22.62	22.66		
10	16QAM	25	25	22.54	22.69	22.55		
10	16QAM	50	0	22.52	22.78	22.66		
10	64QAM	1	0	22.58	22.76	22.67	23.5	2
10	64QAM	1	25	22.61	22.62	22.72		
10	64QAM	1	49	22.63	22.68	22.50		
10	64QAM	25	0	21.59	21.71	21.65	22.5	3
10	64QAM	25	12	21.58	21.70	21.66		
10	64QAM	25	25	21.51	21.60	21.58		
10	64QAM	50	0	21.64	21.73	21.65		
10	256QAM	1	0	19.66	19.76	19.58	20.5	5
10	256QAM	1	25	19.62	19.65	19.74		
10	256QAM	1	49	19.53	19.68	19.65		
10	256QAM	25	0	19.52	19.82	19.66	20.5	5
10	256QAM	25	12	19.52	19.74	19.73		
10	256QAM	25	25	19.52	19.57	19.61		
10	256QAM	50	0	19.61	19.58	19.51		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.64	24.76	24.72	25.5	0
5	QPSK	1	12	24.46	24.67	24.66		
5	QPSK	1	24	24.55	24.69	24.54		
5	QPSK	12	0	23.68	23.80	23.72	24.5	1
5	QPSK	12	7	23.56	23.59	23.60		
5	QPSK	12	13	23.53	23.72	23.59		
5	QPSK	25	0	23.60	23.69	23.65		
5	16QAM	1	0	23.56	23.76	23.67	24.5	1
5	16QAM	1	12	23.53	23.60	23.67		
5	16QAM	1	24	23.66	23.69	23.52		
5	16QAM	12	0	22.65	22.70	22.71	23.5	2
5	16QAM	12	7	22.44	22.57	22.64		
5	16QAM	12	13	22.51	22.65	22.52		
5	16QAM	25	0	22.57	22.70	22.65		
5	64QAM	1	0	22.48	22.66	22.79	23.5	2
5	64QAM	1	12	22.53	22.66	22.73		
5	64QAM	1	24	22.60	22.69	22.56		
5	64QAM	12	0	21.57	21.75	21.68	22.5	3
5	64QAM	12	7	21.51	21.68	21.63		
5	64QAM	12	13	21.56	21.68	21.53		
5	64QAM	25	0	21.62	21.76	21.66		
5	256QAM	1	0	19.69	19.81	19.66	20.5	5
5	256QAM	1	12	19.58	19.60	19.65		
5	256QAM	1	24	19.53	19.71	19.61		
5	256QAM	12	0	19.61	19.77	19.72	20.5	5
5	256QAM	12	7	19.49	19.71	19.66		
5	256QAM	12	13	19.52	19.59	19.56		
5	256QAM	25	0	19.55	19.69	19.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.35	23.36	23.28	23.30	24.4	0
20	QPSK	1	49	23.24	23.31	23.20	23.19		
20	QPSK	1	99	23.31	23.26	23.19	23.22		
20	QPSK	50	0	22.31	22.41	22.28	22.33	23.4	1
20	QPSK	50	24	22.20	22.37	22.17	22.25		
20	QPSK	50	50	22.30	22.30	22.23	22.17		
20	QPSK	100	0	22.32	22.36	22.23	22.29		
20	16QAM	1	0	22.35	22.32	22.29	22.24	23.4	1
20	16QAM	1	49	22.22	22.26	22.22	22.22		
20	16QAM	1	99	22.26	22.23	22.20	22.17		
20	16QAM	50	0	21.30	21.39	21.33	21.27	22.4	2
20	16QAM	50	24	21.24	21.41	21.15	21.22		
20	16QAM	50	50	21.32	21.31	21.27	21.17		
20	16QAM	100	0	21.26	21.34	21.20	21.35		
20	64QAM	1	0	21.31	21.32	21.24	21.19	22.4	2
20	64QAM	1	49	21.27	21.25	21.18	21.20		
20	64QAM	1	99	21.30	21.25	21.20	21.17		
20	64QAM	50	0	20.27	20.45	20.30	20.32	21.4	3
20	64QAM	50	24	20.15	20.37	20.22	20.25		
20	64QAM	50	50	20.34	20.31	20.19	20.15		
20	64QAM	100	0	20.32	20.36	20.23	20.29		
20	256QAM	1	0	18.33	18.45	18.26	18.32	19.4	5
20	256QAM	1	49	18.16	18.39	18.17	18.28		
20	256QAM	1	99	18.29	18.30	18.26	18.23		
20	256QAM	50	0	18.28	18.37	18.18	18.25	19.4	5
20	256QAM	50	24	18.32	18.27	18.27	18.20		
20	256QAM	50	50	18.26	18.31	18.21	18.27		
20	256QAM	100	0	18.25	18.21	18.22	18.14		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.22	23.34	23.22	23.24	24.4	0
15	QPSK	1	37	23.13	23.22	23.07	23.07		
15	QPSK	1	74	23.17	23.24	23.05	23.15		
15	QPSK	36	0	22.24	22.36	22.23	22.20	23.4	1
15	QPSK	36	20	22.12	22.31	22.04	22.14		
15	QPSK	36	39	22.21	22.18	22.13	22.08		
15	QPSK	75	0	22.19	22.27	22.19	22.15		
15	16QAM	1	0	22.29	22.29	22.17	22.12	23.4	1
15	16QAM	1	37	22.14	22.12	22.15	22.17		
15	16QAM	1	74	22.17	22.16	22.16	22.15		
15	16QAM	36	0	21.24	21.25	21.22	21.15	22.4	2
15	16QAM	36	20	21.15	21.29	21.03	21.19		
15	16QAM	36	39	21.24	21.22	21.16	21.06		
15	16QAM	75	0	21.21	21.29	21.10	21.24		
15	64QAM	1	0	21.28	21.21	21.13	21.09	22.4	2
15	64QAM	1	37	21.14	21.20	21.06	21.11		
15	64QAM	1	74	21.21	21.21	21.09	21.09		
15	64QAM	36	0	20.17	20.36	20.22	20.26	21.4	3
15	64QAM	36	20	20.04	20.26	20.15	20.21		
15	64QAM	36	39	20.25	20.19	20.09	20.12		
15	64QAM	75	0	20.25	20.34	20.16	20.18		
15	256QAM	1	0	18.23	18.36	18.14	18.27	19.4	5
15	256QAM	1	37	18.05	18.30	18.15	18.16		
15	256QAM	1	74	18.16	18.22	18.21	18.16		
15	256QAM	36	0	18.14	18.34	18.10	18.14	19.4	5
15	256QAM	36	20	18.22	18.21	18.14	18.13		
15	256QAM	36	39	18.14	18.24	18.12	18.13		
15	256QAM	75	0	18.21	18.17	18.10	18.02		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.23	23.26	23.14	23.22	24.4	0
10	QPSK	1	25	23.12	23.24	23.11	23.07		
10	QPSK	1	49	23.19	23.22	23.06	23.19		
10	QPSK	25	0	22.19	22.33	22.18	22.21	23.4	1
10	QPSK	25	12	22.13	22.30	22.07	22.20		
10	QPSK	25	25	22.22	22.18	22.16	22.07		
10	QPSK	50	0	22.29	22.29	22.11	22.22		
10	16QAM	1	0	22.23	22.21	22.17	22.11	23.4	1
10	16QAM	1	25	22.16	22.22	22.11	22.15		
10	16QAM	1	49	22.23	22.11	22.13	22.11		
10	16QAM	25	0	21.17	21.34	21.27	21.15	22.4	2
10	16QAM	25	12	21.20	21.32	21.10	21.15		
10	16QAM	25	25	21.26	21.23	21.22	21.04		
10	16QAM	50	0	21.23	21.29	21.16	21.22		
10	64QAM	1	0	21.28	21.23	21.19	21.14	22.4	2
10	64QAM	1	25	21.19	21.18	21.11	21.18		
10	64QAM	1	49	21.23	21.12	21.14	21.10		
10	64QAM	25	0	20.21	20.37	20.17	20.24	21.4	3
10	64QAM	25	12	20.09	20.24	20.13	20.15		
10	64QAM	25	25	20.31	20.21	20.11	20.09		
10	64QAM	50	0	20.19	20.23	20.18	20.22		
10	256QAM	1	0	18.28	18.42	18.17	18.20	19.4	5
10	256QAM	1	25	18.14	18.26	18.14	18.20		
10	256QAM	1	49	18.21	18.26	18.17	18.11		
10	256QAM	25	0	18.25	18.34	18.10	18.14	19.4	5
10	256QAM	25	12	18.25	18.17	18.18	18.07		
10	256QAM	25	25	18.22	18.24	18.18	18.20		
10	256QAM	50	0	18.15	18.14	18.16	18.06		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.23	23.26	23.22	23.25	24.4	0
5	QPSK	1	12	23.11	23.23	23.10	23.10		
5	QPSK	1	24	23.17	23.19	23.12	23.13		
5	QPSK	12	0	22.23	22.37	22.23	22.28	23.4	1
5	QPSK	12	7	22.17	22.32	22.09	22.17		
5	QPSK	12	13	22.19	22.27	22.19	22.11		
5	QPSK	25	0	22.28	22.28	22.17	22.20		
5	16QAM	1	0	22.31	22.21	22.17	22.16	23.4	1
5	16QAM	1	12	22.18	22.23	22.09	22.17		
5	16QAM	1	24	22.18	22.11	22.11	22.10		
5	16QAM	12	0	21.20	21.26	21.21	21.25	22.4	2
5	16QAM	12	7	21.15	21.27	21.04	21.17		
5	16QAM	12	13	21.26	21.28	21.24	21.13		
5	16QAM	25	0	21.21	21.27	21.07	21.22		
5	64QAM	1	0	21.21	21.28	21.18	21.11	22.4	2
5	64QAM	1	12	21.24	21.22	21.05	21.06		
5	64QAM	1	24	21.21	21.15	21.14	21.04		
5	64QAM	12	0	20.18	20.40	20.24	20.30	21.4	3
5	64QAM	12	7	20.06	20.30	20.13	20.17		
5	64QAM	12	13	20.31	20.20	20.07	20.11		
5	64QAM	25	0	20.26	20.31	20.19	20.26		
5	256QAM	1	0	18.25	18.37	18.22	18.20	19.4	5
5	256QAM	1	12	18.10	18.35	18.04	18.17		
5	256QAM	1	24	18.22	18.25	18.18	18.17		
5	256QAM	12	0	18.15	18.34	18.08	18.15	19.4	5
5	256QAM	12	7	18.23	18.24	18.25	18.08		
5	256QAM	12	13	18.17	18.21	18.19	18.17		
5	256QAM	25	0	18.22	18.09	18.11	18.06		

Band 4 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.21	23.33	23.20	24.5	0
20	QPSK	1	49	23.19	23.19	23.10		
20	QPSK	1	99	23.18	23.17	23.18		
20	QPSK	50	0	22.20	22.28	22.16	23.5	1
20	QPSK	50	24	22.23	22.19	22.11		
20	QPSK	50	50	22.18	22.23	22.24		
20	QPSK	100	0	22.23	22.22	22.19		
20	16QAM	1	0	22.20	22.18	22.16	23.5	1
20	16QAM	1	49	22.24	22.17	22.10		
20	16QAM	1	99	22.17	22.21	22.22		
20	16QAM	50	0	21.20	21.29	21.16	22.5	2
20	16QAM	50	24	21.27	21.21	21.11		
20	16QAM	50	50	21.23	21.24	21.21		
20	16QAM	100	0	21.23	21.25	21.20		
20	64QAM	1	0	21.17	21.19	21.14	22.5	2
20	64QAM	1	49	21.19	21.21	21.13		
20	64QAM	1	99	21.15	21.26	21.25		
20	64QAM	50	0	20.16	20.25	20.16	21.5	3
20	64QAM	50	24	20.29	20.20	20.12		
20	64QAM	50	50	20.15	20.20	20.23		
20	64QAM	100	0	20.20	20.26	20.15		
20	256QAM	1	0	18.15	18.27	18.10	19.5	5
20	256QAM	1	49	18.21	18.21	18.13		
20	256QAM	1	99	18.20	18.19	18.24		
20	256QAM	50	0	18.22	18.25	18.14	19.5	5
20	256QAM	50	24	18.26	18.13	18.14		
20	256QAM	50	50	18.26	18.12	18.11		
20	256QAM	100	0	18.12	18.22	18.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.14	23.17	23.13	24.5	0
15	QPSK	1	37	23.12	23.15	22.97		
15	QPSK	1	74	23.13	23.14	23.08		
15	QPSK	36	0	22.09	22.17	22.04	23.5	1
15	QPSK	36	20	22.17	22.13	22.00		
15	QPSK	36	39	22.05	22.13	22.22		
15	QPSK	75	0	22.11	22.11	22.13		
15	16QAM	1	0	22.15	22.05	22.12	23.5	1
15	16QAM	1	37	22.20	22.05	21.97		
15	16QAM	1	74	22.14	22.16	22.18		
15	16QAM	36	0	21.13	21.20	21.05	22.5	2
15	16QAM	36	20	21.13	21.12	21.01		
15	16QAM	36	39	21.11	21.18	21.16		
15	16QAM	75	0	21.11	21.19	21.08		
15	64QAM	1	0	21.06	21.09	21.02	22.5	2
15	64QAM	1	37	21.13	21.15	21.02		
15	64QAM	1	74	21.05	21.24	21.22		
15	64QAM	36	0	20.03	20.13	20.08	21.5	3
15	64QAM	36	20	20.25	20.07	20.10		
15	64QAM	36	39	20.02	20.16	20.12		
15	64QAM	75	0	20.11	20.17	20.04		
15	256QAM	1	0	18.10	18.24	18.03	19.5	5
15	256QAM	1	37	18.08	18.14	18.05		
15	256QAM	1	74	18.07	18.09	18.17		
15	256QAM	36	0	18.09	18.23	18.08	19.5	5
15	256QAM	36	20	18.13	18.03	18.08		
15	256QAM	36	39	18.14	18.06	18.02		
15	256QAM	75	0	18.07	18.11	18.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.19	23.17	23.13	24.5	0
10	QPSK	1	25	23.13	23.17	23.02		
10	QPSK	1	49	23.09	23.13	23.05		
10	QPSK	25	0	22.12	22.19	22.13	23.5	1
10	QPSK	25	12	22.21	22.06	22.06		
10	QPSK	25	25	22.10	22.16	22.18		
10	QPSK	50	0	22.15	22.12	22.11		
10	16QAM	1	0	22.17	22.15	22.08	23.5	1
10	16QAM	1	25	22.14	22.09	21.97		
10	16QAM	1	49	22.12	22.10	22.17		
10	16QAM	25	0	21.10	21.17	21.12	22.5	2
10	16QAM	25	12	21.16	21.16	20.99		
10	16QAM	25	25	21.11	21.18	21.18		
10	16QAM	50	0	21.17	21.21	21.12		
10	64QAM	1	0	21.14	21.06	21.09	22.5	2
10	64QAM	1	25	21.10	21.16	21.00		
10	64QAM	1	49	21.09	21.21	21.13		
10	64QAM	25	0	20.11	20.22	20.06	21.5	3
10	64QAM	25	12	20.17	20.17	20.01		
10	64QAM	25	25	20.04	20.06	20.17		
10	64QAM	50	0	20.09	20.20	20.04		
10	256QAM	1	0	18.04	18.17	18.00	19.5	5
10	256QAM	1	25	18.13	18.11	18.06		
10	256QAM	1	49	18.15	18.11	18.12		
10	256QAM	25	0	18.11	18.17	18.11	19.5	5
10	256QAM	25	12	18.16	18.05	18.07		
10	256QAM	25	25	18.23	18.06	18.06		
10	256QAM	50	0	18.06	18.09	18.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.16	23.18	23.13	24.5	0
5	QPSK	1	12	23.10	23.05	23.08		
5	QPSK	1	24	23.08	23.14	23.06		
5	QPSK	12	0	22.18	22.16	22.09	23.5	1
5	QPSK	12	7	22.15	22.12	21.97		
5	QPSK	12	13	22.10	22.17	22.17		
5	QPSK	25	0	22.21	22.14	22.11		
5	16QAM	1	0	22.17	22.09	22.08	23.5	1
5	16QAM	1	12	22.13	22.05	22.04		
5	16QAM	1	24	22.13	22.11	22.16		
5	16QAM	12	0	21.13	21.25	21.13	22.5	2
5	16QAM	12	7	21.21	21.11	21.07		
5	16QAM	12	13	21.20	21.13	21.12		
5	16QAM	25	0	21.17	21.20	21.10		
5	64QAM	1	0	21.07	21.11	21.02	22.5	2
5	64QAM	1	12	21.16	21.09	21.04		
5	64QAM	1	24	21.05	21.16	21.23		
5	64QAM	12	0	20.02	20.16	20.12	21.5	3
5	64QAM	12	7	20.18	20.18	20.08		
5	64QAM	12	13	20.13	20.07	20.17		
5	64QAM	25	0	20.11	20.19	20.05		
5	256QAM	1	0	18.13	18.19	17.99	19.5	5
5	256QAM	1	12	18.13	18.16	18.11		
5	256QAM	1	24	18.07	18.12	18.19		
5	256QAM	12	0	18.11	18.12	18.12	19.5	5
5	256QAM	12	7	18.14	17.99	18.10		
5	256QAM	12	13	18.12	18.03	18.01		
5	256QAM	25	0	18.06	18.13	18.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.11	23.10	23.18	24.5	0
3	QPSK	1	8	23.05	23.10	23.08		
3	QPSK	1	14	23.07	23.11	23.08		
3	QPSK	8	0	22.11	22.18	22.13	23.5	1
3	QPSK	8	4	22.19	22.11	22.01		
3	QPSK	8	7	22.08	22.17	22.20		
3	QPSK	15	0	22.13	22.19	22.15		
3	16QAM	1	0	22.16	22.11	22.05	23.5	1
3	16QAM	1	8	22.12	22.11	22.03		
3	16QAM	1	14	22.13	22.08	22.13		
3	16QAM	8	0	21.12	21.26	21.03	22.5	2
3	16QAM	8	4	21.25	21.08	21.07		
3	16QAM	8	7	21.21	21.13	21.12		
3	16QAM	15	0	21.12	21.17	21.10		
3	64QAM	1	0	21.13	21.12	21.11	22.5	2
3	64QAM	1	8	21.11	21.13	21.05		
3	64QAM	1	14	21.07	21.17	21.16		
3	64QAM	8	0	20.07	20.19	20.12	21.5	3
3	64QAM	8	4	20.24	20.15	20.01		
3	64QAM	8	7	20.11	20.12	20.14		
3	64QAM	15	0	20.09	20.13	20.08		
3	256QAM	1	0	18.06	18.21	18.05	19.5	5
3	256QAM	1	8	18.11	18.16	18.09		
3	256QAM	1	14	18.13	18.12	18.15		
3	256QAM	8	0	18.19	18.20	18.01	19.5	5
3	256QAM	8	4	18.18	18.04	18.08		
3	256QAM	8	7	18.15	18.00	18.05		
3	256QAM	15	0	18.01	18.12	18.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.09	23.20	23.06	24.5	0
1.4	QPSK	1	3	23.11	23.09	23.01		
1.4	QPSK	1	5	23.14	23.07	23.08		
1.4	QPSK	3	0	22.99	23.16	22.98		
1.4	QPSK	3	1	23.01	23.05	22.88		
1.4	QPSK	3	3	23.04	22.99	23.06		
1.4	QPSK	6	0	22.14	22.16	22.11	23.5	1
1.4	16QAM	1	0	22.12	22.06	22.12	23.5	1
1.4	16QAM	1	3	22.15	22.12	21.97		
1.4	16QAM	1	5	22.08	22.16	22.09		
1.4	16QAM	3	0	22.05	22.07	22.08		
1.4	16QAM	3	1	22.10	21.95	22.08		
1.4	16QAM	3	3	22.05	22.00	21.92		
1.4	16QAM	6	0	21.17	21.13	21.07	22.5	2
1.4	64QAM	1	0	21.11	21.16	21.09	22.5	2
1.4	64QAM	1	3	21.11	21.15	21.11		
1.4	64QAM	1	5	21.07	21.19	21.18		
1.4	64QAM	3	0	21.03	21.06	20.98		
1.4	64QAM	3	1	21.06	21.11	21.04		
1.4	64QAM	3	3	20.99	21.13	20.97		
1.4	64QAM	6	0	20.11	20.21	20.06	21.5	3
1.4	256QAM	1	0	18.03	18.20	18.06	19.5	5
1.4	256QAM	1	3	18.17	18.14	18.06		
1.4	256QAM	1	5	18.08	18.15	18.21		
1.4	256QAM	3	0	18.10	18.18	18.04		
1.4	256QAM	3	1	18.24	18.03	18.01		
1.4	256QAM	3	3	18.23	18.00	18.04		
1.4	256QAM	6	0	18.10	18.15	18.15	19.5	5

Band 7 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.95	23.00	22.91	23.8	0
20	QPSK	1	49	22.92	22.94	22.80		
20	QPSK	1	99	22.84	22.90	22.82		
20	QPSK	50	0	21.94	22.04	21.91	22.8	1
20	QPSK	50	24	21.87	21.92	21.81		
20	QPSK	50	50	21.84	21.85	21.77		
20	QPSK	100	0	21.91	22.00	21.88		
20	16QAM	1	0	22.01	21.94	21.88	22.8	1
20	16QAM	1	49	21.96	21.94	21.85		
20	16QAM	1	99	21.89	21.95	21.86		
20	16QAM	50	0	20.99	21.03	20.87	21.8	2
20	16QAM	50	24	20.85	20.95	20.85		
20	16QAM	50	50	20.85	20.79	20.79		
20	16QAM	100	0	20.93	20.98	20.94		
20	64QAM	1	0	20.97	20.92	20.83	21.8	2
20	64QAM	1	49	20.94	20.91	20.81		
20	64QAM	1	99	20.93	20.98	20.81		
20	64QAM	50	0	19.88	20.05	19.90	20.8	3
20	64QAM	50	24	19.85	19.86	19.87		
20	64QAM	50	50	19.80	19.83	19.76		
20	64QAM	100	0	19.93	20.02	19.85		
20	256QAM	1	0	17.88	17.99	17.87	18.8	5
20	256QAM	1	49	17.90	17.86	17.81		
20	256QAM	1	99	17.90	17.86	17.75		
20	256QAM	50	0	17.94	18.01	17.92	18.8	5
20	256QAM	50	24	17.98	17.88	17.92		
20	256QAM	50	50	17.95	17.93	17.90		
20	256QAM	100	0	17.93	18.00	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.90	22.97	22.83	23.8	0
15	QPSK	1	37	22.81	22.90	22.77		
15	QPSK	1	74	22.76	22.88	22.69		
15	QPSK	36	0	21.80	21.94	21.84	22.8	1
15	QPSK	36	20	21.79	21.81	21.78		
15	QPSK	36	39	21.81	21.77	21.65		
15	QPSK	75	0	21.83	21.88	21.74		
15	16QAM	1	0	21.95	21.83	21.75	22.8	1
15	16QAM	1	37	21.87	21.90	21.76		
15	16QAM	1	74	21.85	21.85	21.76		
15	16QAM	36	0	20.88	20.98	20.76	21.8	2
15	16QAM	36	20	20.80	20.86	20.74		
15	16QAM	36	39	20.73	20.69	20.73		
15	16QAM	75	0	20.84	20.88	20.80		
15	64QAM	1	0	20.83	20.87	20.78	21.8	2
15	64QAM	1	37	20.81	20.80	20.77		
15	64QAM	1	74	20.89	20.86	20.76		
15	64QAM	36	0	19.74	20.02	19.85	20.8	3
15	64QAM	36	20	19.77	19.77	19.81		
15	64QAM	36	39	19.68	19.74	19.66		
15	64QAM	75	0	19.79	19.89	19.75		
15	256QAM	1	0	17.80	17.91	17.78	18.8	5
15	256QAM	1	37	17.80	17.75	17.68		
15	256QAM	1	74	17.79	17.77	17.69		
15	256QAM	36	0	17.82	17.96	17.79	18.8	5
15	256QAM	36	20	17.88	17.77	17.84		
15	256QAM	36	39	17.82	17.83	17.78		
15	256QAM	75	0	17.87	17.96	17.80		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.95	22.86	23.8	0
10	QPSK	1	25	22.84	22.84	22.77		
10	QPSK	1	49	22.70	22.86	22.76		
10	QPSK	25	0	21.90	22.02	21.82	22.8	1
10	QPSK	25	12	21.81	21.88	21.75		
10	QPSK	25	25	21.81	21.82	21.66		
10	QPSK	50	0	21.85	21.89	21.81		
10	16QAM	1	0	21.92	21.81	21.86	22.8	1
10	16QAM	1	25	21.93	21.85	21.83		
10	16QAM	1	49	21.78	21.82	21.79		
10	16QAM	25	0	20.89	21.00	20.84	21.8	2
10	16QAM	25	12	20.73	20.90	20.75		
10	16QAM	25	25	20.77	20.73	20.75		
10	16QAM	50	0	20.88	20.92	20.80		
10	64QAM	1	0	20.95	20.87	20.76	21.8	2
10	64QAM	1	25	20.91	20.80	20.77		
10	64QAM	1	49	20.86	20.88	20.70		
10	64QAM	25	0	19.75	20.01	19.83	20.8	3
10	64QAM	25	12	19.76	19.80	19.83		
10	64QAM	25	25	19.69	19.75	19.71		
10	64QAM	50	0	19.83	19.94	19.79		
10	256QAM	1	0	17.85	17.92	17.79	18.8	5
10	256QAM	1	25	17.82	17.81	17.73		
10	256QAM	1	49	17.87	17.72	17.61		
10	256QAM	25	0	17.83	17.95	17.83	18.8	5
10	256QAM	25	12	17.87	17.83	17.89		
10	256QAM	25	25	17.88	17.90	17.76		
10	256QAM	50	0	17.89	17.97	17.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.90	22.87	22.82	23.8	0
5	QPSK	1	12	22.81	22.84	22.77		
5	QPSK	1	24	22.70	22.85	22.79		
5	QPSK	12	0	21.91	21.99	21.82	22.8	1
5	QPSK	12	7	21.74	21.81	21.74		
5	QPSK	12	13	21.82	21.73	21.71		
5	QPSK	25	0	21.88	21.92	21.85		
5	16QAM	1	0	21.96	21.90	21.83	22.8	1
5	16QAM	1	12	21.89	21.87	21.81		
5	16QAM	1	24	21.85	21.83	21.74		
5	16QAM	12	0	20.91	21.00	20.84	21.8	2
5	16QAM	12	7	20.71	20.88	20.74		
5	16QAM	12	13	20.73	20.72	20.75		
5	16QAM	25	0	20.84	20.86	20.90		
5	64QAM	1	0	20.93	20.82	20.74	21.8	2
5	64QAM	1	12	20.81	20.83	20.76		
5	64QAM	1	24	20.90	20.86	20.68		
5	64QAM	12	0	19.85	19.99	19.83	20.8	3
5	64QAM	12	7	19.75	19.73	19.77		
5	64QAM	12	13	19.69	19.71	19.63		
5	64QAM	25	0	19.84	19.98	19.76		
5	256QAM	1	0	17.85	17.94	17.81	18.8	5
5	256QAM	1	12	17.80	17.75	17.73		
5	256QAM	1	24	17.78	17.78	17.69		
5	256QAM	12	0	17.83	17.91	17.89	18.8	5
5	256QAM	12	7	17.92	17.78	17.80		
5	256QAM	12	13	17.90	17.83	17.82		
5	256QAM	25	0	17.80	17.91	17.78		

Band 66 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.35	23.41	23.39	24.5	0
20	QPSK	1	49	23.32	23.38	23.33		
20	QPSK	1	99	23.21	23.35	23.29		
20	QPSK	50	0	22.32	22.44	22.42	23.5	1
20	QPSK	50	24	22.34	22.33	22.27		
20	QPSK	50	50	22.19	22.39	22.28		
20	QPSK	100	0	22.31	22.40	22.38		
20	16QAM	1	0	22.39	22.38	22.35	23.5	1
20	16QAM	1	49	22.31	22.38	22.28		
20	16QAM	1	99	22.18	22.35	22.34		
20	16QAM	50	0	21.37	21.43	21.39	22.5	2
20	16QAM	50	24	21.31	21.32	21.33		
20	16QAM	50	50	21.23	21.40	21.31		
20	16QAM	100	0	21.36	21.38	21.35		
20	64QAM	1	0	21.44	21.44	21.31	22.5	2
20	64QAM	1	49	21.29	21.35	21.26		
20	64QAM	1	99	21.14	21.36	21.40		
20	64QAM	50	0	20.30	20.40	20.36	21.5	3
20	64QAM	50	24	20.37	20.32	20.28		
20	64QAM	50	50	20.24	20.41	20.28		
20	64QAM	100	0	20.27	20.45	20.41		
20	256QAM	1	0	18.31	18.38	18.43	19.5	5
20	256QAM	1	49	18.29	18.31	18.22		
20	256QAM	1	99	18.23	18.37	18.32		
20	256QAM	50	0	18.32	18.43	18.36	19.5	5
20	256QAM	50	24	18.42	18.33	18.32		
20	256QAM	50	50	18.26	18.35	18.32		
20	256QAM	100	0	18.15	18.39	18.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.24	23.38	23.29	24.5	0
15	QPSK	1	37	23.19	23.28	23.21		
15	QPSK	1	74	23.09	23.22	23.19		
15	QPSK	36	0	22.26	22.34	22.28	23.5	1
15	QPSK	36	20	22.26	22.28	22.23		
15	QPSK	36	39	22.06	22.33	22.16		
15	QPSK	75	0	22.26	22.34	22.25		
15	16QAM	1	0	22.33	22.24	22.32	23.5	1
15	16QAM	1	37	22.27	22.35	22.26		
15	16QAM	1	74	22.12	22.27	22.28		
15	16QAM	36	0	21.32	21.30	21.34	22.5	2
15	16QAM	36	20	21.29	21.22	21.22		
15	16QAM	36	39	21.20	21.29	21.26		
15	16QAM	75	0	21.27	21.24	21.26		
15	64QAM	1	0	21.42	21.32	21.23	22.5	2
15	64QAM	1	37	21.25	21.21	21.14		
15	64QAM	1	74	21.03	21.26	21.36		
15	64QAM	36	0	20.25	20.34	20.27	21.5	3
15	64QAM	36	20	20.35	20.27	20.23		
15	64QAM	36	39	20.13	20.31	20.17		
15	64QAM	75	0	20.20	20.38	20.32		
15	256QAM	1	0	18.21	18.32	18.39	19.5	5
15	256QAM	1	37	18.21	18.21	18.10		
15	256QAM	1	74	18.09	18.25	18.19		
15	256QAM	36	0	18.24	18.40	18.22	19.5	5
15	256QAM	36	20	18.32	18.26	18.23		
15	256QAM	36	39	18.15	18.29	18.22		
15	256QAM	75	0	18.11	18.34	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.29	23.31	23.36	24.5	0
10	QPSK	1	25	23.24	23.26	23.26		
10	QPSK	1	49	23.13	23.32	23.17		
10	QPSK	25	0	22.19	22.39	22.35	23.5	1
10	QPSK	25	12	22.26	22.19	22.14		
10	QPSK	25	25	22.12	22.31	22.20		
10	QPSK	50	0	22.23	22.36	22.34		
10	16QAM	1	0	22.28	22.32	22.21	23.5	1
10	16QAM	1	25	22.24	22.28	22.21		
10	16QAM	1	49	22.14	22.26	22.26		
10	16QAM	25	0	21.30	21.35	21.36	22.5	2
10	16QAM	25	12	21.25	21.25	21.24		
10	16QAM	25	25	21.18	21.27	21.19		
10	16QAM	50	0	21.27	21.31	21.28		
10	64QAM	1	0	21.32	21.32	21.24	22.5	2
10	64QAM	1	25	21.18	21.22	21.15		
10	64QAM	1	49	21.01	21.29	21.27		
10	64QAM	25	0	20.24	20.35	20.26	21.5	3
10	64QAM	25	12	20.33	20.27	20.15		
10	64QAM	25	25	20.13	20.38	20.18		
10	64QAM	50	0	20.22	20.36	20.30		
10	256QAM	1	0	18.24	18.29	18.39	19.5	5
10	256QAM	1	25	18.23	18.17	18.14		
10	256QAM	1	49	18.12	18.27	18.21		
10	256QAM	25	0	18.24	18.33	18.29	19.5	5
10	256QAM	25	12	18.39	18.30	18.24		
10	256QAM	25	25	18.23	18.21	18.26		
10	256QAM	50	0	18.04	18.34	18.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.22	23.30	23.36	24.5	0
5	QPSK	1	12	23.27	23.30	23.19		
5	QPSK	1	24	23.13	23.27	23.16		
5	QPSK	12	0	22.25	22.31	22.38	23.5	1
5	QPSK	12	7	22.21	22.21	22.20		
5	QPSK	12	13	22.08	22.33	22.22		
5	QPSK	25	0	22.18	22.29	22.33		
5	16QAM	1	0	22.33	22.33	22.25	23.5	1
5	16QAM	1	12	22.25	22.31	22.24		
5	16QAM	1	24	22.10	22.28	22.21		
5	16QAM	12	0	21.24	21.38	21.33	22.5	2
5	16QAM	12	7	21.28	21.26	21.21		
5	16QAM	12	13	21.10	21.33	21.25		
5	16QAM	25	0	21.28	21.32	21.27		
5	64QAM	1	0	21.40	21.35	21.29	22.5	2
5	64QAM	1	12	21.17	21.29	21.19		
5	64QAM	1	24	21.03	21.31	21.35		
5	64QAM	12	0	20.18	20.35	20.29	21.5	3
5	64QAM	12	7	20.28	20.29	20.21		
5	64QAM	12	13	20.12	20.31	20.16		
5	64QAM	25	0	20.17	20.34	20.31		
5	256QAM	1	0	18.17	18.32	18.40	19.5	5
5	256QAM	1	12	18.17	18.27	18.17		
5	256QAM	1	24	18.19	18.35	18.22		
5	256QAM	12	0	18.22	18.32	18.24	19.5	5
5	256QAM	12	7	18.38	18.22	18.26		
5	256QAM	12	13	18.21	18.26	18.21		
5	256QAM	25	0	18.07	18.32	18.24		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.27	23.36	23.26	24.5	0
3	QPSK	1	8	23.22	23.32	23.21		
3	QPSK	1	14	23.15	23.27	23.16		
3	QPSK	8	0	22.21	22.39	22.36	23.5	1
3	QPSK	8	4	22.25	22.20	22.23		
3	QPSK	8	7	22.11	22.30	22.14		
3	QPSK	15	0	22.26	22.31	22.33		
3	16QAM	1	0	22.30	22.24	22.28	23.5	1
3	16QAM	1	8	22.19	22.31	22.20		
3	16QAM	1	14	22.12	22.30	22.26		
3	16QAM	8	0	21.31	21.37	21.36	22.5	2
3	16QAM	8	4	21.20	21.23	21.29		
3	16QAM	8	7	21.12	21.28	21.26		
3	16QAM	15	0	21.31	21.31	21.27		
3	64QAM	1	0	21.41	21.33	21.24	22.5	2
3	64QAM	1	8	21.24	21.28	21.22		
3	64QAM	1	14	21.07	21.30	21.28		
3	64QAM	8	0	20.18	20.31	20.30	21.5	3
3	64QAM	8	4	20.23	20.20	20.21		
3	64QAM	8	7	20.15	20.39	20.23		
3	64QAM	15	0	20.21	20.34	20.33		
3	256QAM	1	0	18.23	18.30	18.32	19.5	5
3	256QAM	1	8	18.20	18.27	18.19		
3	256QAM	1	14	18.12	18.34	18.28		
3	256QAM	8	0	18.27	18.32	18.23	19.5	5
3	256QAM	8	4	18.38	18.21	18.29		
3	256QAM	8	7	18.12	18.22	18.28		
3	256QAM	15	0	18.05	18.27	18.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.23	23.32	23.35	24.5	0
1.4	QPSK	1	3	23.20	23.30	23.21		
1.4	QPSK	1	5	23.07	23.31	23.20		
1.4	QPSK	3	0	23.13	23.27	23.25		
1.4	QPSK	3	1	23.07	23.23	23.18		
1.4	QPSK	3	3	23.02	23.17	23.14		
1.4	QPSK	6	0	22.25	22.28	22.35	23.5	1
1.4	16QAM	1	0	22.29	22.32	22.28	23.5	1
1.4	16QAM	1	3	22.19	22.26	22.21		
1.4	16QAM	1	5	22.11	22.23	22.22		
1.4	16QAM	3	0	22.14	22.15	22.26		
1.4	16QAM	3	1	22.16	22.29	22.22		
1.4	16QAM	3	3	22.09	22.24	22.15		
1.4	16QAM	6	0	21.28	21.35	21.26	22.5	2
1.4	64QAM	1	0	21.34	21.33	21.23	22.5	2
1.4	64QAM	1	3	21.22	21.27	21.19		
1.4	64QAM	1	5	21.07	21.30	21.37		
1.4	64QAM	3	0	21.17	21.25	21.17		
1.4	64QAM	3	1	21.31	21.25	21.11		
1.4	64QAM	3	3	21.12	21.22	21.07		
1.4	64QAM	6	0	20.13	20.37	20.27	21.5	3
1.4	256QAM	1	0	18.27	18.25	18.31	19.5	5
1.4	256QAM	1	3	18.19	18.23	18.12		
1.4	256QAM	1	5	18.15	18.27	18.29		
1.4	256QAM	3	0	18.28	18.30	18.28		
1.4	256QAM	3	1	18.32	18.28	18.28		
1.4	256QAM	3	3	18.23	18.24	18.28		
1.4	256QAM	6	0	18.03	18.28	18.26	19.5	5

Band 38 Other PA Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.41	23.44	23.39	24.4	0
20	QPSK	1	49	23.33	23.36	23.32		
20	QPSK	1	99	23.30	23.31	23.36		
20	QPSK	50	0	22.36	22.48	22.34	23.4	1
20	QPSK	50	24	22.34	22.32	22.28		
20	QPSK	50	50	22.26	22.29	22.32		
20	QPSK	100	0	22.41	22.43	22.36		
20	16QAM	1	0	22.44	22.42	22.39	23.4	1
20	16QAM	1	49	22.32	22.32	22.34		
20	16QAM	1	99	22.28	22.27	22.32		
20	16QAM	50	0	21.42	21.44	21.36	22.4	2
20	16QAM	50	24	21.30	21.29	21.28		
20	16QAM	50	50	21.30	21.33	21.34		
20	16QAM	100	0	21.38	21.46	21.32		
20	64QAM	1	0	21.49	21.42	21.42	22.4	2
20	64QAM	1	49	21.26	21.36	21.37		
20	64QAM	1	99	21.25	21.22	21.36		
20	64QAM	50	0	20.36	20.45	20.28	21.4	3
20	64QAM	50	24	20.30	20.27	20.31		
20	64QAM	50	50	20.28	20.31	20.38		
20	64QAM	100	0	20.37	20.39	20.39		
20	256QAM	1	0	18.38	18.43	18.38	19.4	5
20	256QAM	1	49	18.37	18.31	18.26		
20	256QAM	1	99	18.24	18.26	18.26		
20	256QAM	50	0	18.39	18.48	18.37	19.4	5
20	256QAM	50	24	18.45	18.44	18.39		
20	256QAM	50	50	18.32	18.37	18.33		
20	256QAM	100	0	18.28	18.28	18.27		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.35	23.35	23.29	24.4	0
15	QPSK	1	37	23.21	23.28	23.26		
15	QPSK	1	74	23.16	23.21	23.29		
15	QPSK	36	0	22.24	22.42	22.22	23.4	1
15	QPSK	36	20	22.32	22.26	22.24		
15	QPSK	36	39	22.20	22.16	22.19		
15	QPSK	75	0	22.30	22.39	22.28		
15	16QAM	1	0	22.37	22.39	22.28	23.4	1
15	16QAM	1	37	22.30	22.25	22.22		
15	16QAM	1	74	22.17	22.16	22.23		
15	16QAM	36	0	21.39	21.34	21.25	22.4	2
15	16QAM	36	20	21.25	21.18	21.24		
15	16QAM	36	39	21.23	21.23	21.26		
15	16QAM	75	0	21.34	21.39	21.27		
15	64QAM	1	0	21.40	21.30	21.32	22.4	2
15	64QAM	1	37	21.14	21.32	21.26		
15	64QAM	1	74	21.21	21.08	21.30		
15	64QAM	36	0	20.27	20.36	20.25	21.4	3
15	64QAM	36	20	20.20	20.19	20.28		
15	64QAM	36	39	20.20	20.22	20.25		
15	64QAM	75	0	20.33	20.29	20.32		
15	256QAM	1	0	18.27	18.34	18.30	19.4	5
15	256QAM	1	37	18.30	18.23	18.19		
15	256QAM	1	74	18.20	18.22	18.17		
15	256QAM	36	0	18.27	18.35	18.34	19.4	5
15	256QAM	36	20	18.32	18.38	18.29		
15	256QAM	36	39	18.28	18.27	18.22		
15	256QAM	75	0	18.15	18.24	18.21		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.33	23.39	23.32	24.4	0
10	QPSK	1	25	23.21	23.22	23.29		
10	QPSK	1	49	23.25	23.20	23.26		
10	QPSK	25	0	22.23	22.41	22.29	23.4	1
10	QPSK	25	12	22.25	22.22	22.15		
10	QPSK	25	25	22.16	22.24	22.26		
10	QPSK	50	0	22.38	22.31	22.26		
10	16QAM	1	0	22.37	22.34	22.25	23.4	1
10	16QAM	1	25	22.19	22.26	22.29		
10	16QAM	1	49	22.20	22.20	22.23		
10	16QAM	25	0	21.37	21.37	21.32	22.4	2
10	16QAM	25	12	21.22	21.25	21.23		
10	16QAM	25	25	21.16	21.21	21.24		
10	16QAM	50	0	21.26	21.44	21.23		
10	64QAM	1	0	21.41	21.33	21.33	22.4	2
10	64QAM	1	25	21.22	21.22	21.26		
10	64QAM	1	49	21.23	21.16	21.34		
10	64QAM	25	0	20.23	20.37	20.20	21.4	3
10	64QAM	25	12	20.24	20.16	20.26		
10	64QAM	25	25	20.16	20.19	20.24		
10	64QAM	50	0	20.31	20.35	20.25		
10	256QAM	1	0	18.28	18.35	18.26	19.4	5
10	256QAM	1	25	18.35	18.27	18.22		
10	256QAM	1	49	18.10	18.12	18.13		
10	256QAM	25	0	18.31	18.39	18.28	19.4	5
10	256QAM	25	12	18.39	18.41	18.31		
10	256QAM	25	25	18.29	18.25	18.23		
10	256QAM	50	0	18.15	18.22	18.16		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.27	23.35	23.27	24.4	0
5	QPSK	1	12	23.26	23.26	23.24		
5	QPSK	1	24	23.21	23.21	23.25		
5	QPSK	12	0	22.26	22.38	22.31	23.4	1
5	QPSK	12	7	22.25	22.30	22.15		
5	QPSK	12	13	22.14	22.17	22.24		
5	QPSK	25	0	22.31	22.32	22.25		
5	16QAM	1	0	22.38	22.32	22.37	23.4	1
5	16QAM	1	12	22.27	22.25	22.25		
5	16QAM	1	24	22.17	22.21	22.28		
5	16QAM	12	0	21.39	21.32	21.27	22.4	2
5	16QAM	12	7	21.19	21.16	21.17		
5	16QAM	12	13	21.26	21.29	21.21		
5	16QAM	25	0	21.32	21.41	21.23		
5	64QAM	1	0	21.41	21.34	21.36	22.4	2
5	64QAM	1	12	21.20	21.26	21.24		
5	64QAM	1	24	21.13	21.13	21.26		
5	64QAM	12	0	20.33	20.42	20.14	21.4	3
5	64QAM	12	7	20.20	20.16	20.21		
5	64QAM	12	13	20.25	20.17	20.29		
5	64QAM	25	0	20.24	20.29	20.32		
5	256QAM	1	0	18.27	18.39	18.27	19.4	5
5	256QAM	1	12	18.23	18.27	18.16		
5	256QAM	1	24	18.18	18.22	18.18		
5	256QAM	12	0	18.35	18.38	18.34	19.4	5
5	256QAM	12	7	18.40	18.40	18.36		
5	256QAM	12	13	18.29	18.29	18.26		
5	256QAM	25	0	18.24	18.22	18.25		

Band 41 Other PA Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.44	23.47	23.51	23.41	23.46	24.4	0
20	QPSK	1	49	23.42	23.39	23.46	23.39	23.33		
20	QPSK	1	99	23.35	23.38	23.40	23.34	23.38		
20	QPSK	50	0	22.49	22.51	22.53	22.45	22.46	23.4	1
20	QPSK	50	24	22.37	22.44	22.46	22.37	22.39		
20	QPSK	50	50	22.37	22.42	22.45	22.34	22.36		
20	QPSK	100	0	22.49	22.51	22.49	22.41	22.46		
20	16QAM	1	0	22.47	22.44	22.48	22.38	22.45	23.4	1
20	16QAM	1	49	22.43	22.42	22.51	22.40	22.29		
20	16QAM	1	99	22.38	22.38	22.42	22.37	22.34		
20	16QAM	50	0	21.55	21.52	21.51	21.49	21.43	22.4	2
20	16QAM	50	24	21.31	21.44	21.43	21.33	21.40		
20	16QAM	50	50	21.38	21.41	21.41	21.32	21.33		
20	16QAM	100	0	21.46	21.54	21.45	21.35	21.43		
20	64QAM	1	0	21.45	21.41	21.48	21.35	21.41	22.4	2
20	64QAM	1	49	21.39	21.38	21.48	21.40	21.31		
20	64QAM	1	99	21.38	21.44	21.41	21.36	21.32		
20	64QAM	50	0	20.45	20.53	20.50	20.50	20.42	21.4	3
20	64QAM	50	24	20.37	20.43	20.41	20.32	20.39		
20	64QAM	50	50	20.39	20.44	20.47	20.36	20.37		
20	64QAM	100	0	20.51	20.48	20.53	20.38	20.51		
20	256QAM	1	0	18.52	18.48	18.59	18.48	18.44	19.4	5
20	256QAM	1	49	18.34	18.44	18.51	18.37	18.39		
20	256QAM	1	99	18.39	18.43	18.45	18.37	18.34		
20	256QAM	50	0	18.54	18.47	18.50	18.37	18.45	19.4	5
20	256QAM	50	24	18.50	18.40	18.48	18.41	18.40		
20	256QAM	50	50	18.42	18.45	18.50	18.36	18.28		
20	256QAM	100	0	18.36	18.38	18.47	18.40	18.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.33	23.34	23.45	23.29	23.42	24.40	0
15	QPSK	1	37	23.37	23.29	23.37	23.31	23.26		
15	QPSK	1	74	23.25	23.25	23.34	23.26	23.31		
15	QPSK	36	0	22.38	22.44	22.49	22.38	22.36	23.4	1
15	QPSK	36	20	22.25	22.37	22.39	22.34	22.36		
15	QPSK	36	39	22.31	22.36	22.36	22.27	22.23		
15	QPSK	75	0	22.41	22.44	22.36	22.27	22.38		
15	16QAM	1	0	22.38	22.40	22.36	22.26	22.42	23.4	1
15	16QAM	1	37	22.33	22.31	22.41	22.38	22.16		
15	16QAM	1	74	22.33	22.34	22.29	22.28	22.20		
15	16QAM	36	0	21.47	21.40	21.47	21.44	21.31	22.4	2
15	16QAM	36	20	21.19	21.35	21.37	21.25	21.37		
15	16QAM	36	39	21.31	21.38	21.28	21.18	21.30		
15	16QAM	75	0	21.41	21.47	21.39	21.31	21.31		
15	64QAM	1	0	21.39	21.35	21.36	21.21	21.35	22.4	2
15	64QAM	1	37	21.32	21.35	21.38	21.26	21.17		
15	64QAM	1	74	21.32	21.33	21.36	21.23	21.28		
15	64QAM	36	0	20.34	20.50	20.44	20.47	20.39	21.4	3
15	64QAM	36	20	20.30	20.40	20.35	20.20	20.36		
15	64QAM	36	39	20.26	20.32	20.43	20.27	20.28		
15	64QAM	75	0	20.48	20.37	20.41	20.29	20.41		
15	256QAM	1	0	18.47	18.34	18.49	18.43	18.41	19.4	5
15	256QAM	1	37	18.31	18.33	18.43	18.25	18.27		
15	256QAM	1	74	18.26	18.39	18.41	18.31	18.25		
15	256QAM	36	0	18.45	18.43	18.46	18.32	18.42	19.4	5
15	256QAM	36	20	18.37	18.31	18.37	18.38	18.27		
15	256QAM	36	39	18.39	18.39	18.39	18.31	18.23		
15	256QAM	75	0	18.22	18.36	18.35	18.33	18.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.34	23.36	23.45	23.33	23.42	24.40	0
10	QPSK	1	25	23.33	23.37	23.41	23.28	23.27		
10	QPSK	1	49	23.24	23.30	23.35	23.23	23.28		
10	QPSK	25	0	22.36	22.40	22.46	22.31	22.38	23.4	1
10	QPSK	25	12	22.26	22.30	22.39	22.30	22.32		
10	QPSK	25	25	22.31	22.36	22.33	22.25	22.28		
10	QPSK	50	0	22.41	22.40	22.35	22.38	22.37		
10	16QAM	1	0	22.41	22.36	22.34	22.28	22.41	23.4	1
10	16QAM	1	25	22.41	22.39	22.37	22.37	22.23		
10	16QAM	1	49	22.26	22.30	22.37	22.25	22.29		
10	16QAM	25	0	21.45	21.49	21.45	21.45	21.35	22.4	2
10	16QAM	25	12	21.22	21.33	21.38	21.22	21.37		
10	16QAM	25	25	21.25	21.35	21.36	21.19	21.21		
10	16QAM	50	0	21.33	21.44	21.33	21.29	21.34		
10	64QAM	1	0	21.34	21.35	21.42	21.22	21.33	22.4	2
10	64QAM	1	25	21.26	21.35	21.35	21.29	21.20		
10	64QAM	1	49	21.34	21.41	21.31	21.23	21.29		
10	64QAM	25	0	20.41	20.45	20.43	20.42	20.32	21.4	3
10	64QAM	25	12	20.35	20.40	20.33	20.19	20.30		
10	64QAM	25	25	20.25	20.40	20.41	20.25	20.24		
10	64QAM	50	0	20.49	20.42	20.46	20.31	20.48		
10	256QAM	1	0	18.44	18.40	18.48	18.38	18.31	19.4	5
10	256QAM	1	25	18.22	18.33	18.42	18.31	18.35		
10	256QAM	1	49	18.26	18.30	18.34	18.33	18.20		
10	256QAM	25	0	18.46	18.44	18.47	18.27	18.35	19.4	5
10	256QAM	25	12	18.43	18.36	18.35	18.34	18.27		
10	256QAM	25	25	18.32	18.42	18.37	18.29	18.22		
10	256QAM	50	0	18.33	18.26	18.42	18.36	18.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.37	23.39	23.37	23.27	23.35	24.40	0
5	QPSK	1	12	23.39	23.27	23.36	23.32	23.20		
5	QPSK	1	24	23.30	23.33	23.31	23.30	23.32		
5	QPSK	12	0	22.46	22.48	22.44	22.41	22.39	23.4	1
5	QPSK	12	7	22.35	22.40	22.32	22.30	22.31		
5	QPSK	12	13	22.28	22.35	22.36	22.23	22.25		
5	QPSK	25	0	22.36	22.39	22.36	22.31	22.34		
5	16QAM	1	0	22.39	22.30	22.38	22.34	22.32	23.4	1
5	16QAM	1	12	22.41	22.35	22.40	22.33	22.17		
5	16QAM	1	24	22.24	22.27	22.34	22.32	22.26		
5	16QAM	12	0	21.41	21.39	21.43	21.40	21.33	22.4	2
5	16QAM	12	7	21.25	21.36	21.30	21.29	21.27		
5	16QAM	12	13	21.26	21.30	21.39	21.18	21.26		
5	16QAM	25	0	21.42	21.51	21.34	21.30	21.34		
5	64QAM	1	0	21.38	21.37	21.38	21.30	21.36	22.4	2
5	64QAM	1	12	21.27	21.27	21.41	21.27	21.19		
5	64QAM	1	24	21.28	21.33	21.36	21.29	21.21		
5	64QAM	12	0	20.33	20.46	20.43	20.43	20.28	21.4	3
5	64QAM	12	7	20.27	20.33	20.30	20.22	20.32		
5	64QAM	12	13	20.33	20.34	20.41	20.30	20.28		
5	64QAM	25	0	20.46	20.42	20.45	20.28	20.45		
5	256QAM	1	0	18.38	18.39	18.53	18.38	18.36	19.4	5
5	256QAM	1	12	18.22	18.33	18.37	18.24	18.27		
5	256QAM	1	24	18.32	18.37	18.40	18.26	18.29		
5	256QAM	12	0	18.47	18.38	18.44	18.31	18.37	19.4	5
5	256QAM	12	7	18.47	18.33	18.41	18.38	18.36		
5	256QAM	12	13	18.30	18.36	18.37	18.30	18.23		
5	256QAM	25	0	18.23	18.34	18.43	18.31	18.30		

Band 42 Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.05	21.09	20.98	22.1	0
20	QPSK	1	49	20.96	21.06	20.90		
20	QPSK	1	99	20.94	21.01	20.86		
20	QPSK	50	0	20.06	20.07	20.00	21.1	1
20	QPSK	50	24	19.98	20.02	19.86		
20	QPSK	50	50	19.95	19.96	19.83		
20	QPSK	100	0	20.00	20.04	20.01		
20	16QAM	1	0	20.05	20.05	19.93	21.1	1
20	16QAM	1	49	19.97	20.07	19.94		
20	16QAM	1	99	19.93	20.01	19.87		
20	16QAM	50	0	19.02	19.09	19.01	20.1	2
20	16QAM	50	24	18.95	19.05	18.84		
20	16QAM	50	50	18.90	18.91	18.82		
20	16QAM	100	0	19.00	19.01	19.01		
20	64QAM	1	0	19.08	19.10	18.97	20.1	2
20	64QAM	1	49	18.96	19.03	18.94		
20	64QAM	1	99	18.90	19.00	18.82		
20	64QAM	50	0	18.02	18.02	18.00	19.1	3
20	64QAM	50	24	17.99	18.16	17.89		
20	64QAM	50	50	17.93	17.98	17.87		
20	64QAM	100	0	18.02	18.09	17.98		
20	256QAM	1	0	16.09	16.09	15.95	17.1	5
20	256QAM	1	49	16.00	16.14	15.83		
20	256QAM	1	99	15.89	15.92	15.89		
20	256QAM	50	0	15.97	16.03	16.05	17.1	5
20	256QAM	50	24	16.02	16.03	15.96		
20	256QAM	50	50	15.93	16.13	15.98		
20	256QAM	100	0	15.90	16.04	15.87		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.94	20.97	20.89	22.1	0
15	QPSK	1	37	20.85	20.93	20.78		
15	QPSK	1	74	20.82	20.98	20.80		
15	QPSK	36	0	19.93	20.04	19.91	21.1	1
15	QPSK	36	20	19.84	20.04	19.76		
15	QPSK	36	39	19.81	19.90	19.77		
15	QPSK	75	0	19.86	19.99	19.95		
15	16QAM	1	0	19.97	19.93	19.82	21.1	1
15	16QAM	1	37	19.86	19.96	19.92		
15	16QAM	1	74	19.88	19.97	19.75		
15	16QAM	36	0	18.97	19.03	18.90	20.1	2
15	16QAM	36	20	18.92	18.95	18.73		
15	16QAM	36	39	18.84	18.79	18.74		
15	16QAM	75	0	18.91	18.96	18.95		
15	64QAM	1	0	18.97	18.99	18.85	20.1	2
15	64QAM	1	37	18.85	19.01	18.91		
15	64QAM	1	74	18.81	18.90	18.70		
15	64QAM	36	0	17.98	17.96	17.97	19.1	3
15	64QAM	36	20	17.93	18.09	17.76		
15	64QAM	36	39	17.82	17.85	17.78		
15	64QAM	75	0	17.97	17.98	17.96		
15	256QAM	1	0	15.96	15.96	15.91	17.1	5
15	256QAM	1	37	15.97	16.11	15.75		
15	256QAM	1	74	15.76	15.81	15.75		
15	256QAM	36	0	15.84	16.00	16.00	17.1	5
15	256QAM	36	20	15.93	15.95	15.83		
15	256QAM	36	39	15.82	16.07	15.94		
15	256QAM	75	0	15.86	15.94	15.82		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.97	21.05	20.91	22.1	0
10	QPSK	1	25	20.93	21.01	20.79		
10	QPSK	1	49	20.84	20.98	20.84		
10	QPSK	25	0	20.02	20.03	19.92	21.1	1
10	QPSK	25	12	19.87	19.99	19.75		
10	QPSK	25	25	19.92	19.85	19.70		
10	QPSK	50	0	19.90	19.97	19.96		
10	16QAM	1	0	19.94	20.02	19.84	21.1	1
10	16QAM	1	25	19.90	19.99	19.82		
10	16QAM	1	49	19.85	19.88	19.76		
10	16QAM	25	0	18.98	18.96	18.90	20.1	2
10	16QAM	25	12	18.88	18.94	18.77		
10	16QAM	25	25	18.83	18.81	18.73		
10	16QAM	50	0	18.86	18.96	18.91		
10	64QAM	1	0	19.02	19.02	18.87	20.1	2
10	64QAM	1	25	18.93	18.95	18.82		
10	64QAM	1	49	18.78	18.91	18.75		
10	64QAM	25	0	17.99	17.88	17.97	19.1	3
10	64QAM	25	12	17.87	18.11	17.84		
10	64QAM	25	25	17.89	17.85	17.84		
10	64QAM	50	0	17.93	18.00	17.95		
10	256QAM	1	0	15.99	16.05	15.85	17.1	5
10	256QAM	1	25	15.94	16.09	15.80		
10	256QAM	1	49	15.83	15.79	15.83		
10	256QAM	25	0	15.93	16.00	16.02	17.1	5
10	256QAM	25	12	15.98	15.98	15.89		
10	256QAM	25	25	15.87	16.02	15.88		
10	256QAM	50	0	15.85	16.01	15.77		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.02	20.99	20.87	22.1	0
5	QPSK	1	12	20.83	21.01	20.83		
5	QPSK	1	24	20.85	20.98	20.79		
5	QPSK	12	0	20.03	19.96	19.97	21.1	1
5	QPSK	12	7	19.87	20.04	19.81		
5	QPSK	12	13	19.87	19.91	19.79		
5	QPSK	25	0	19.88	19.92	19.90		
5	16QAM	1	0	19.92	19.92	19.83	21.1	1
5	16QAM	1	12	19.91	20.04	19.83		
5	16QAM	1	24	19.81	19.89	19.74		
5	16QAM	12	0	18.95	18.97	18.90	20.1	2
5	16QAM	12	7	18.85	19.02	18.72		
5	16QAM	12	13	18.77	18.86	18.75		
5	16QAM	25	0	18.97	18.92	18.96		
5	64QAM	1	0	19.00	19.03	18.86	20.1	2
5	64QAM	1	12	18.86	18.92	18.81		
5	64QAM	1	24	18.79	18.96	18.75		
5	64QAM	12	0	17.95	17.93	17.92	19.1	3
5	64QAM	12	7	17.93	18.03	17.83		
5	64QAM	12	13	17.84	17.88	17.83		
5	64QAM	25	0	17.98	17.99	17.87		
5	256QAM	1	0	16.04	16.01	15.92	17.1	5
5	256QAM	1	12	15.87	16.05	15.81		
5	256QAM	1	24	15.77	15.81	15.85		
5	256QAM	12	0	15.93	15.98	16.02	17.1	5
5	256QAM	12	7	15.99	15.90	15.89		
5	256QAM	12	13	15.90	16.08	15.88		
5	256QAM	25	0	15.85	15.91	15.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.08	20.11	20.05	20.01	21.2	0
20	QPSK	1	49	20.05	20.07	19.92	19.89		
20	QPSK	1	99	19.94	20.02	19.93	19.89		
20	QPSK	50	0	19.07	19.10	19.09	19.07	20.2	1
20	QPSK	50	24	19.07	19.04	18.87	18.87		
20	QPSK	50	50	18.94	18.97	18.99	18.92		
20	QPSK	100	0	19.08	19.09	19.05	19.00		
20	16QAM	1	0	19.07	19.07	19.08	19.00	20.2	1
20	16QAM	1	49	19.01	19.10	18.91	18.91		
20	16QAM	1	99	18.89	18.97	18.93	18.95		
20	16QAM	50	0	18.08	18.08	18.06	18.13	19.2	2
20	16QAM	50	24	18.05	18.03	17.90	17.93		
20	16QAM	50	50	17.96	18.00	18.01	17.89		
20	16QAM	100	0	18.05	18.14	18.09	18.04		
20	64QAM	1	0	18.08	18.07	18.08	18.01	19.2	2
20	64QAM	1	49	18.03	18.10	17.92	17.89		
20	64QAM	1	99	17.86	18.00	17.96	18.01		
20	64QAM	50	0	17.09	17.10	17.10	17.05	18.2	3
20	64QAM	50	24	17.05	17.06	16.85	16.81		
20	64QAM	50	50	16.98	16.95	17.00	16.91		
20	64QAM	100	0	17.17	17.12	17.13	17.01		
20	256QAM	1	0	15.13	15.13	15.14	15.08	16.2	5
20	256QAM	1	49	15.13	15.01	14.83	14.91		
20	256QAM	1	99	14.89	14.92	14.94	14.96		
20	256QAM	50	0	15.11	15.07	15.09	14.97	16.2	5
20	256QAM	50	24	15.07	15.08	15.13	14.96		
20	256QAM	50	50	15.04	15.07	14.96	14.91		
20	256QAM	100	0	14.92	14.93	14.93	14.91		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.97	20.09	19.96	19.88	21.2	0
15	QPSK	1	37	19.96	20.05	19.84	19.84		
15	QPSK	1	74	19.85	19.98	19.91	19.85		
15	QPSK	36	0	19.02	19.08	19.01	19.03	20.2	1
15	QPSK	36	20	18.98	18.94	18.76	18.81		
15	QPSK	36	39	18.82	18.86	18.87	18.85		
15	QPSK	75	0	19.02	18.96	19.07	18.89		
15	16QAM	1	0	18.94	18.94	18.95	18.91	20.2	1
15	16QAM	1	37	18.93	19.01	18.77	18.80		
15	16QAM	1	74	18.77	18.91	18.87	18.82		
15	16QAM	36	0	17.94	18.05	17.97	18.11	19.2	2
15	16QAM	36	20	17.95	17.94	17.82	17.81		
15	16QAM	36	39	17.93	17.93	17.97	17.86		
15	16QAM	75	0	18.03	18.12	17.98	17.96		
15	64QAM	1	0	18.01	18.04	18.02	17.90	19.2	2
15	64QAM	1	37	17.98	17.97	17.80	17.79		
15	64QAM	1	74	17.79	17.89	17.93	17.88		
15	64QAM	36	0	17.03	17.03	17.02	17.01	18.2	3
15	64QAM	36	20	16.91	17.00	16.80	16.68		
15	64QAM	36	39	16.91	16.88	16.86	16.87		
15	64QAM	75	0	17.09	17.04	17.06	16.92		
15	256QAM	1	0	15.10	15.11	15.07	14.98	16.2	5
15	256QAM	1	37	15.06	14.89	14.76	14.87		
15	256QAM	1	74	14.86	14.88	14.80	14.87		
15	256QAM	36	0	15.07	15.01	14.97	14.86	16.2	5
15	256QAM	36	20	14.99	14.95	15.10	14.86		
15	256QAM	36	39	14.92	14.99	14.88	14.84		
15	256QAM	75	0	14.88	14.84	14.90	14.80		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.06	20.04	20.03	19.93	21.2	0
10	QPSK	1	25	19.95	20.00	19.83	19.80		
10	QPSK	1	49	19.91	19.91	19.84	19.77		
10	QPSK	25	0	19.02	18.99	18.97	18.95	20.2	1
10	QPSK	25	12	19.05	18.92	18.84	18.78		
10	QPSK	25	25	18.81	18.87	18.85	18.83		
10	QPSK	50	0	19.04	18.97	19.08	18.98		
10	16QAM	1	0	19.00	19.04	18.98	18.89	20.2	1
10	16QAM	1	25	18.98	19.03	18.83	18.89		
10	16QAM	1	49	18.84	18.94	18.86	18.86		
10	16QAM	25	0	17.97	18.03	17.92	18.07	19.2	2
10	16QAM	25	12	17.95	17.94	17.87	17.85		
10	16QAM	25	25	17.94	17.94	17.87	17.86		
10	16QAM	50	0	18.02	18.12	17.97	17.98		
10	64QAM	1	0	18.00	18.02	17.96	17.89	19.2	2
10	64QAM	1	25	18.01	18.04	17.82	17.86		
10	64QAM	1	49	17.76	17.95	17.84	17.93		
10	64QAM	25	0	17.00	16.98	17.00	17.03	18.2	3
10	64QAM	25	12	16.95	17.00	16.79	16.68		
10	64QAM	25	25	16.85	16.92	16.91	16.83		
10	64QAM	50	0	17.10	17.08	17.04	16.87		
10	256QAM	1	0	15.02	15.01	15.03	15.03	16.2	5
10	256QAM	1	25	15.10	14.93	14.74	14.83		
10	256QAM	1	49	14.81	14.87	14.90	14.89		
10	256QAM	25	0	14.97	15.03	15.06	14.92	16.2	5
10	256QAM	25	12	14.98	14.98	15.11	14.85		
10	256QAM	25	25	14.99	14.93	14.84	14.89		
10	256QAM	50	0	14.86	14.90	14.82	14.86		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.05	20.03	19.97	19.95	21.2	0
5	QPSK	1	12	20.00	20.02	19.89	19.80		
5	QPSK	1	24	19.81	19.90	19.86	19.82		
5	QPSK	12	0	18.99	19.07	18.98	18.94	20.2	1
5	QPSK	12	7	18.95	18.96	18.79	18.80		
5	QPSK	12	13	18.81	18.86	18.89	18.88		
5	QPSK	25	0	19.08	19.06	19.08	18.86		
5	16QAM	1	0	19.02	18.96	19.00	18.97	20.2	1
5	16QAM	1	12	18.95	18.97	18.81	18.78		
5	16QAM	1	24	18.83	18.90	18.88	18.90		
5	16QAM	12	0	18.02	18.00	18.00	18.02	19.2	2
5	16QAM	12	7	17.92	17.97	17.86	17.88		
5	16QAM	12	13	17.84	17.90	17.88	17.85		
5	16QAM	25	0	17.96	18.08	18.00	17.99		
5	64QAM	1	0	17.99	17.98	18.03	17.98	19.2	2
5	64QAM	1	12	17.91	18.07	17.85	17.85		
5	64QAM	1	24	17.74	17.92	17.85	17.89		
5	64QAM	12	0	17.01	17.07	16.99	16.99	18.2	3
5	64QAM	12	7	17.03	16.99	16.83	16.78		
5	64QAM	12	13	16.85	16.83	16.88	16.86		
5	64QAM	25	0	17.07	17.04	17.05	16.97		
5	256QAM	1	0	15.09	15.07	15.11	15.00	16.2	5
5	256QAM	1	12	15.04	14.96	14.69	14.77		
5	256QAM	1	24	14.83	14.85	14.87	14.86		
5	256QAM	12	0	14.98	15.01	15.01	14.85	16.2	5
5	256QAM	12	7	14.94	15.06	15.03	14.90		
5	256QAM	12	13	15.00	14.97	14.90	14.82		
5	256QAM	25	0	14.81	14.81	14.81	14.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.31	24.39	24.35	25.5	0
20	QPSK	1	49	24.26	24.34	24.22		
20	QPSK	1	99	24.25	24.30	24.31		
20	QPSK	50	0	23.37	23.41	23.37	24.5	1
20	QPSK	50	24	23.31	23.29	23.26		
20	QPSK	50	50	23.30	23.35	23.34		
20	QPSK	100	0	23.28	23.37	23.41		
20	16QAM	1	0	23.28	23.34	23.34	24.5	1
20	16QAM	1	49	23.20	23.38	23.18		
20	16QAM	1	99	23.30	23.26	23.35		
20	16QAM	50	0	22.40	22.41	22.32	23.5	2
20	16QAM	50	24	22.35	22.30	22.28		
20	16QAM	50	50	22.28	22.33	22.30		
20	16QAM	100	0	22.30	22.34	22.39		
20	64QAM	1	0	22.22	22.40	22.34	23.5	2
20	64QAM	1	49	22.18	22.35	22.22		
20	64QAM	1	99	22.31	22.21	22.36		
20	64QAM	50	0	21.31	21.44	21.39	22.5	3
20	64QAM	50	24	21.34	21.27	21.29		
20	64QAM	50	50	21.32	21.33	21.34		
20	64QAM	100	0	21.29	21.42	21.39		
20	256QAM	1	0	19.42	19.42	19.39	20.5	5
20	256QAM	1	49	19.30	19.25	19.29		
20	256QAM	1	99	19.34	19.37	19.35		
20	256QAM	50	0	19.27	19.32	19.43	20.5	5
20	256QAM	50	24	19.27	19.34	19.30		
20	256QAM	50	50	19.14	19.39	19.23		
20	256QAM	100	0	19.28	19.28	19.36		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.27	24.33	24.21	25.5	0
15	QPSK	1	37	24.20	24.25	24.10		
15	QPSK	1	74	24.11	24.26	24.17		
15	QPSK	36	0	23.24	23.38	23.33	24.5	1
15	QPSK	36	20	23.23	23.18	23.15		
15	QPSK	36	39	23.20	23.31	23.22		
15	QPSK	75	0	23.17	23.33	23.32		
15	16QAM	1	0	23.25	23.22	23.20	24.5	1
15	16QAM	1	37	23.09	23.25	23.10		
15	16QAM	1	74	23.18	23.21	23.31		
15	16QAM	36	0	22.33	22.35	22.29	23.5	2
15	16QAM	36	20	22.26	22.18	22.15		
15	16QAM	36	39	22.19	22.21	22.23		
15	16QAM	75	0	22.21	22.24	22.26		
15	64QAM	1	0	22.08	22.34	22.25	23.5	2
15	64QAM	1	37	22.13	22.27	22.19		
15	64QAM	1	74	22.20	22.19	22.26		
15	64QAM	36	0	21.22	21.40	21.31	22.5	3
15	64QAM	36	20	21.24	21.21	21.18		
15	64QAM	36	39	21.29	21.25	21.26		
15	64QAM	75	0	21.15	21.29	21.35		
15	256QAM	1	0	19.39	19.37	19.31	20.5	5
15	256QAM	1	37	19.27	19.20	19.23		
15	256QAM	1	74	19.22	19.35	19.24		
15	256QAM	36	0	19.23	19.23	19.31	20.5	5
15	256QAM	36	20	19.25	19.21	19.21		
15	256QAM	36	39	19.02	19.34	19.20		
15	256QAM	75	0	19.18	19.16	19.27		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.17	24.36	24.30	25.5	0
10	QPSK	1	25	24.20	24.23	24.16		
10	QPSK	1	49	24.21	24.21	24.17		
10	QPSK	25	0	23.25	23.28	23.33	24.5	1
10	QPSK	25	12	23.23	23.25	23.17		
10	QPSK	25	25	23.22	23.24	23.22		
10	QPSK	50	0	23.18	23.27	23.28		
10	16QAM	1	0	23.16	23.22	23.28	24.5	1
10	16QAM	1	25	23.06	23.29	23.15		
10	16QAM	1	49	23.26	23.21	23.28		
10	16QAM	25	0	22.37	22.30	22.27	23.5	2
10	16QAM	25	12	22.26	22.24	22.16		
10	16QAM	25	25	22.23	22.22	22.26		
10	16QAM	50	0	22.17	22.29	22.29		
10	64QAM	1	0	22.14	22.28	22.27	23.5	2
10	64QAM	1	25	22.10	22.28	22.09		
10	64QAM	1	49	22.24	22.14	22.28		
10	64QAM	25	0	21.28	21.39	21.32	22.5	3
10	64QAM	25	12	21.26	21.24	21.17		
10	64QAM	25	25	21.27	21.26	21.21		
10	64QAM	50	0	21.23	21.34	21.25		
10	256QAM	1	0	19.35	19.35	19.27	20.5	5
10	256QAM	1	25	19.16	19.18	19.20		
10	256QAM	1	49	19.26	19.32	19.25		
10	256QAM	25	0	19.21	19.24	19.33	20.5	5
10	256QAM	25	12	19.15	19.21	19.26		
10	256QAM	25	25	19.00	19.31	19.13		
10	256QAM	50	0	19.15	19.15	19.33		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.20	24.27	24.25	25.5	0
5	QPSK	1	12	24.13	24.24	24.15		
5	QPSK	1	24	24.17	24.21	24.25		
5	QPSK	12	0	23.27	23.37	23.34	24.5	1
5	QPSK	12	7	23.23	23.17	23.14		
5	QPSK	12	13	23.20	23.22	23.25		
5	QPSK	25	0	23.19	23.32	23.28		
5	16QAM	1	0	23.22	23.28	23.26	24.5	1
5	16QAM	1	12	23.12	23.33	23.14		
5	16QAM	1	24	23.16	23.14	23.32		
5	16QAM	12	0	22.28	22.37	22.21	23.5	2
5	16QAM	12	7	22.24	22.26	22.24		
5	16QAM	12	13	22.17	22.22	22.24		
5	16QAM	25	0	22.27	22.31	22.34		
5	64QAM	1	0	22.13	22.29	22.30	23.5	2
5	64QAM	1	12	22.05	22.30	22.19		
5	64QAM	1	24	22.25	22.17	22.24		
5	64QAM	12	0	21.25	21.35	21.27	22.5	3
5	64QAM	12	7	21.24	21.20	21.18		
5	64QAM	12	13	21.20	21.20	21.31		
5	64QAM	25	0	21.26	21.35	21.32		
5	256QAM	1	0	19.35	19.40	19.36	20.5	5
5	256QAM	1	12	19.18	19.14	19.16		
5	256QAM	1	24	19.26	19.26	19.32		
5	256QAM	12	0	19.21	19.23	19.37	20.5	5
5	256QAM	12	7	19.14	19.23	19.17		
5	256QAM	12	13	19.03	19.26	19.10		
5	256QAM	25	0	19.15	19.16	19.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.31	23.35	23.28	23.25	24.4	0
20	QPSK	1	49	23.22	23.28	23.15	23.15		
20	QPSK	1	99	23.19	23.23	23.24	23.18		
20	QPSK	50	0	22.30	22.38	22.26	22.25	23.4	1
20	QPSK	50	24	22.16	22.29	22.18	22.14		
20	QPSK	50	50	22.13	22.20	22.18	22.18		
20	QPSK	100	0	22.37	22.32	22.29	22.24		
20	16QAM	1	0	22.33	22.31	22.32	22.20	23.4	1
20	16QAM	1	49	22.21	22.31	22.10	22.17		
20	16QAM	1	99	22.21	22.27	22.25	22.22		
20	16QAM	50	0	21.31	21.32	21.28	21.22	22.4	2
20	16QAM	50	24	21.10	21.26	21.14	21.11		
20	16QAM	50	50	21.17	21.17	21.14	21.21		
20	16QAM	100	0	21.38	21.38	21.24	21.29		
20	64QAM	1	0	21.27	21.34	21.29	21.20	22.4	2
20	64QAM	1	49	21.25	21.35	21.04	21.19		
20	64QAM	1	99	21.21	21.28	21.27	21.16		
20	64QAM	50	0	20.34	20.35	20.32	20.24	21.4	3
20	64QAM	50	24	20.20	20.28	20.17	20.11		
20	64QAM	50	50	20.17	20.17	20.13	20.23		
20	64QAM	100	0	20.41	20.31	20.32	20.23		
20	256QAM	1	0	18.35	18.35	18.25	18.24	19.4	5
20	256QAM	1	49	18.10	18.27	18.22	18.13		
20	256QAM	1	99	18.14	18.24	18.23	18.24		
20	256QAM	50	0	18.37	18.35	18.28	18.25	19.4	5
20	256QAM	50	24	18.31	18.31	18.31	18.18		
20	256QAM	50	50	18.16	18.29	18.07	18.12		
20	256QAM	100	0	18.21	18.23	18.29	18.26		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.28	23.24	23.25	23.22	24.4	0
15	QPSK	1	37	23.15	23.17	23.05	23.05		
15	QPSK	1	74	23.13	23.19	23.17	23.05		
15	QPSK	36	0	22.16	22.34	22.17	22.18	23.4	1
15	QPSK	36	20	22.05	22.19	22.06	22.11		
15	QPSK	36	39	21.99	22.14	22.05	22.13		
15	QPSK	75	0	22.26	22.21	22.18	22.21		
15	16QAM	1	0	22.25	22.18	22.22	22.11	23.4	1
15	16QAM	1	37	22.12	22.27	22.07	22.04		
15	16QAM	1	74	22.10	22.19	22.22	22.10		
15	16QAM	36	0	21.22	21.20	21.21	21.10	22.4	2
15	16QAM	36	20	21.05	21.16	21.11	21.03		
15	16QAM	36	39	21.07	21.07	21.01	21.10		
15	16QAM	75	0	21.31	21.29	21.14	21.25		
15	64QAM	1	0	21.21	21.30	21.19	21.13	22.4	2
15	64QAM	1	37	21.22	21.30	20.91	21.07		
15	64QAM	1	74	21.15	21.23	21.15	21.12		
15	64QAM	36	0	20.20	20.25	20.24	20.10	21.4	3
15	64QAM	36	20	20.16	20.17	20.12	20.03		
15	64QAM	36	39	20.12	20.12	20.08	20.11		
15	64QAM	75	0	20.28	20.20	20.25	20.15		
15	256QAM	1	0	18.26	18.27	18.20	18.14	19.4	5
15	256QAM	1	37	18.06	18.25	18.11	18.05		
15	256QAM	1	74	18.11	18.21	18.20	18.13		
15	256QAM	36	0	18.32	18.32	18.22	18.14	19.4	5
15	256QAM	36	20	18.17	18.26	18.23	18.09		
15	256QAM	36	39	18.07	18.22	18.04	18.07		
15	256QAM	75	0	18.09	18.11	18.16	18.22		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.24	23.30	23.15	23.13	24.4	0
10	QPSK	1	25	23.11	23.17	23.06	23.08		
10	QPSK	1	49	23.14	23.15	23.20	23.12		
10	QPSK	25	0	22.25	22.32	22.19	22.21	23.4	1
10	QPSK	25	12	22.14	22.15	22.14	22.02		
10	QPSK	25	25	22.09	22.10	22.12	22.16		
10	QPSK	50	0	22.31	22.27	22.23	22.20		
10	16QAM	1	0	22.29	22.17	22.28	22.09	23.4	1
10	16QAM	1	25	22.13	22.22	22.04	22.13		
10	16QAM	1	49	22.13	22.15	22.14	22.20		
10	16QAM	25	0	21.26	21.20	21.15	21.11	22.4	2
10	16QAM	25	12	21.07	21.18	21.02	21.05		
10	16QAM	25	25	21.06	21.11	21.04	21.18		
10	16QAM	50	0	21.33	21.34	21.20	21.25		
10	64QAM	1	0	21.21	21.29	21.19	21.12	22.4	2
10	64QAM	1	25	21.14	21.24	20.97	21.07		
10	64QAM	1	49	21.18	21.26	21.20	21.04		
10	64QAM	25	0	20.30	20.32	20.23	20.11	21.4	3
10	64QAM	25	12	20.17	20.25	20.14	20.03		
10	64QAM	25	25	20.10	20.12	20.06	20.15		
10	64QAM	50	0	20.34	20.29	20.30	20.13		
10	256QAM	1	0	18.30	18.24	18.13	18.17	19.4	5
10	256QAM	1	25	18.03	18.21	18.13	18.02		
10	256QAM	1	49	18.01	18.22	18.14	18.21		
10	256QAM	25	0	18.26	18.24	18.22	18.17	19.4	5
10	256QAM	25	12	18.19	18.20	18.20	18.12		
10	256QAM	25	25	18.12	18.24	18.02	18.05		
10	256QAM	50	0	18.11	18.21	18.22	18.21		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.20	23.23	23.20	23.20	24.4	0
5	QPSK	1	12	23.16	23.20	23.07	23.09		
5	QPSK	1	24	23.16	23.10	23.20	23.08		
5	QPSK	12	0	22.22	22.27	22.24	22.17	23.4	1
5	QPSK	12	7	22.13	22.23	22.13	22.11		
5	QPSK	12	13	22.08	22.14	22.07	22.09		
5	QPSK	25	0	22.23	22.25	22.23	22.19		
5	16QAM	1	0	22.28	22.19	22.26	22.08	23.4	1
5	16QAM	1	12	22.09	22.25	22.06	22.14		
5	16QAM	1	24	22.19	22.22	22.23	22.14		
5	16QAM	12	0	21.27	21.29	21.16	21.12	22.4	2
5	16QAM	12	7	21.04	21.22	21.01	20.98		
5	16QAM	12	13	21.14	21.08	21.12	21.12		
5	16QAM	25	0	21.32	21.30	21.17	21.18		
5	64QAM	1	0	21.24	21.30	21.24	21.14	22.4	2
5	64QAM	1	12	21.14	21.22	20.91	21.10		
5	64QAM	1	24	21.11	21.25	21.16	21.05		
5	64QAM	12	0	20.23	20.25	20.19	20.19	21.4	3
5	64QAM	12	7	20.13	20.24	20.04	20.03		
5	64QAM	12	13	20.10	20.13	20.07	20.09		
5	64QAM	25	0	20.34	20.24	20.29	20.17		
5	256QAM	1	0	18.26	18.28	18.21	18.19	19.4	5
5	256QAM	1	12	17.97	18.16	18.14	18.00		
5	256QAM	1	24	18.06	18.16	18.16	18.20		
5	256QAM	12	0	18.24	18.23	18.16	18.23	19.4	5
5	256QAM	12	7	18.27	18.22	18.20	18.05		
5	256QAM	12	13	18.09	18.24	18.02	18.04		
5	256QAM	25	0	18.16	18.21	18.20	18.17		

Reduced Power Mode for DSI1

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.11	33.00	23.12	23.15	23.11	24.00
GPRS 1 Tx slot	32.02	32.06	32.01	33.00	23.02	23.06	23.01	24.00
GPRS 2 Tx slots	28.91	28.93	28.90	30.00	22.91	22.93	22.90	24.00
GPRS 3 Tx slots	27.25	27.30	27.22	28.20	22.99	23.04	22.96	23.94
GPRS 4 Tx slots	26.09	26.11	26.05	27.00	23.09	23.11	23.05	24.00
EDGE 1 Tx slot	26.00	26.05	26.02	28.00	17.00	17.05	17.02	19.00
EDGE 2 Tx slots	23.98	24.03	23.95	25.00	17.98	18.03	17.95	19.00
EDGE 3 Tx slots	21.99	22.06	22.01	23.20	17.73	17.80	17.75	18.94
EDGE 4 Tx slots	21.15	21.27	21.21	22.00	18.15	18.27	18.21	19.00

Band		WCDMA V Ant0 DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.28	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.35	24.22	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.33	23.18	24.00
3GPP Rel 6	HSDPA Subtest-2	23.24	23.35	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	22.74	22.89	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.80	22.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.35	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.39	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.90	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.86	22.67	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.40	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	22.20	22.41	22.17	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.32	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.22	23.32	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.88	20.74	21.50

Band 5 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.19	25.21	25.16	25.7	0
10	QPSK	1	25	25.20	25.17	25.07		
10	QPSK	1	49	25.19	25.16	25.07		
10	QPSK	25	0	24.16	24.23	24.22	24.7	1
10	QPSK	25	12	24.19	24.13	24.08		
10	QPSK	25	25	24.14	24.19	24.11		
10	QPSK	50	0	24.16	24.25	24.19		
10	16QAM	1	0	24.11	24.14	24.21	24.7	1
10	16QAM	1	25	24.13	24.10	24.05		
10	16QAM	1	49	24.13	24.14	24.07		
10	16QAM	25	0	23.18	23.22	23.28	23.7	2
10	16QAM	25	12	23.19	23.09	23.03		
10	16QAM	25	25	23.13	23.20	23.15		
10	16QAM	50	0	23.12	23.27	23.24		
10	64QAM	1	0	23.14	23.20	23.21	23.7	2
10	64QAM	1	25	23.14	23.07	23.02		
10	64QAM	1	49	23.14	23.15	23.03		
10	64QAM	25	0	22.13	22.21	22.16	22.7	3
10	64QAM	25	12	22.17	22.17	22.14		
10	64QAM	25	25	22.11	22.21	22.08		
10	64QAM	50	0	22.20	22.21	22.13		
10	256QAM	1	0	20.19	20.28	20.25	20.7	5
10	256QAM	1	25	20.15	20.10	20.11		
10	256QAM	1	49	20.12	20.21	20.16		
10	256QAM	25	0	20.14	20.30	20.16	20.7	5
10	256QAM	25	12	20.05	20.17	20.23		
10	256QAM	25	25	20.16	20.13	20.10		
10	256QAM	50	0	20.18	20.19	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.16	25.07	25.7	0
5	QPSK	1	12	25.06	25.14	24.97		
5	QPSK	1	24	25.13	25.07	24.96		
5	QPSK	12	0	24.07	24.12	24.15	24.7	1
5	QPSK	12	7	24.06	24.01	24.03		
5	QPSK	12	13	24.09	24.12	24.03		
5	QPSK	25	0	24.10	24.20	24.15		
5	16QAM	1	0	23.99	24.04	24.15	24.7	1
5	16QAM	1	12	24.05	24.02	23.94		
5	16QAM	1	24	24.01	24.06	23.95		
5	16QAM	12	0	23.05	23.14	23.18	23.7	2
5	16QAM	12	7	23.10	23.07	22.90		
5	16QAM	12	13	23.09	23.10	23.10		
5	16QAM	25	0	23.08	23.23	23.22		
5	64QAM	1	0	23.00	23.09	23.12	23.7	2
5	64QAM	1	12	23.11	22.97	22.96		
5	64QAM	1	24	23.08	23.03	22.92		
5	64QAM	12	0	22.03	22.16	22.14	22.7	3
5	64QAM	12	7	22.09	22.14	22.10		
5	64QAM	12	13	22.00	22.18	21.96		
5	64QAM	25	0	22.07	22.08	22.06		
5	256QAM	1	0	20.16	20.17	20.23	20.7	5
5	256QAM	1	12	20.02	20.03	20.05		
5	256QAM	1	24	20.00	20.19	20.02		
5	256QAM	12	0	20.04	20.17	20.05	20.7	5
5	256QAM	12	7	20.01	20.13	20.19		
5	256QAM	12	13	20.04	20.00	20.06		
5	256QAM	25	0	20.07	20.08	19.93		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.14	25.09	25.10	25.7	0
3	QPSK	1	8	25.14	25.15	24.95		
3	QPSK	1	14	25.05	25.05	24.96		
3	QPSK	8	0	24.05	24.20	24.16	24.7	1
3	QPSK	8	4	24.06	23.99	24.03		
3	QPSK	8	7	24.04	24.11	24.01		
3	QPSK	15	0	24.11	24.17	24.16		
3	16QAM	1	0	24.02	24.11	24.15	24.7	1
3	16QAM	1	8	24.09	24.05	23.94		
3	16QAM	1	14	24.00	24.10	23.99		
3	16QAM	8	0	23.08	23.13	23.23	23.7	2
3	16QAM	8	4	23.11	23.03	22.93		
3	16QAM	8	7	23.03	23.08	23.03		
3	16QAM	15	0	23.00	23.24	23.21		
3	64QAM	1	0	23.02	23.17	23.10	23.7	2
3	64QAM	1	8	23.03	22.93	22.90		
3	64QAM	1	14	23.01	23.10	22.96		
3	64QAM	8	0	22.05	22.08	22.09	22.7	3
3	64QAM	8	4	22.05	22.09	22.07		
3	64QAM	8	7	22.01	22.16	21.99		
3	64QAM	15	0	22.10	22.09	22.01		
3	256QAM	1	0	20.11	20.15	20.14	20.7	5
3	256QAM	1	8	20.01	20.05	19.99		
3	256QAM	1	14	20.09	20.07	20.03		
3	256QAM	8	0	20.12	20.18	20.03	20.7	5
3	256QAM	8	4	19.99	20.13	20.21		
3	256QAM	8	7	20.05	20.01	20.00		
3	256QAM	15	0	20.15	20.08	19.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.10	25.11	25.14	25.7	0
1.4	QPSK	1	3	25.12	25.05	25.03		
1.4	QPSK	1	5	25.08	25.03	25.05		
1.4	QPSK	3	0	25.00	25.08	25.03		
1.4	QPSK	3	1	25.06	25.03	24.94		
1.4	QPSK	3	3	24.96	24.90	24.97		
1.4	QPSK	6	0	24.10	24.16	24.14	24.7	1
1.4	16QAM	1	0	24.03	24.06	24.08	24.7	1
1.4	16QAM	1	3	24.05	24.02	23.93		
1.4	16QAM	1	5	24.00	24.07	24.02		
1.4	16QAM	3	0	24.02	24.13	24.06		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	23.93	23.90	23.86		
1.4	16QAM	6	0	23.04	23.16	23.16	23.7	2
1.4	64QAM	1	0	23.06	23.11	23.16	23.7	2
1.4	64QAM	1	3	23.02	22.99	22.93		
1.4	64QAM	1	5	23.05	23.07	23.00		
1.4	64QAM	3	0	22.98	23.03	23.06		
1.4	64QAM	3	1	22.98	23.05	23.06		
1.4	64QAM	3	3	22.94	22.97	22.83		
1.4	64QAM	6	0	22.12	22.12	22.10	22.7	3
1.4	256QAM	1	0	20.11	20.21	20.16	20.7	5
1.4	256QAM	1	3	20.01	20.03	20.06		
1.4	256QAM	1	5	19.99	20.18	20.12		
1.4	256QAM	3	0	20.01	20.20	20.02		
1.4	256QAM	3	1	19.99	20.04	20.21		
1.4	256QAM	3	3	20.03	20.00	20.05		
1.4	256QAM	6	0	20.06	20.13	19.99	20.7	5

Band 12 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.72	24.78	24.73	25.5	0
10	QPSK	1	25	24.67	24.71	24.60		
10	QPSK	1	49	24.60	24.69	24.71		
10	QPSK	25	0	23.66	23.82	23.68	24.5	1
10	QPSK	25	12	23.68	23.73	23.55		
10	QPSK	25	25	23.62	23.74	23.66		
10	QPSK	50	0	23.71	23.79	23.75		
10	16QAM	1	0	23.75	23.73	23.72	24.5	1
10	16QAM	1	25	23.65	23.71	23.64		
10	16QAM	1	49	23.61	23.72	23.71		
10	16QAM	25	0	22.64	22.85	22.71	23.5	2
10	16QAM	25	12	22.68	22.70	22.51		
10	16QAM	25	25	22.57	22.74	22.64		
10	16QAM	50	0	22.67	22.81	22.75		
10	64QAM	1	0	22.70	22.79	22.75	23.5	2
10	64QAM	1	25	22.63	22.76	22.69		
10	64QAM	1	49	22.65	22.75	22.70		
10	64QAM	25	0	21.61	21.85	21.71	22.5	3
10	64QAM	25	12	21.72	21.72	21.59		
10	64QAM	25	25	21.59	21.79	21.60		
10	64QAM	50	0	21.67	21.78	21.75		
10	256QAM	1	0	19.67	19.87	19.74	20.5	5
10	256QAM	1	25	19.74	19.73	19.61		
10	256QAM	1	49	19.62	19.73	19.67		
10	256QAM	25	0	19.77	19.85	19.75	20.5	5
10	256QAM	25	12	19.76	19.74	19.77		
10	256QAM	25	25	19.66	19.68	19.66		
10	256QAM	50	0	19.62	19.68	19.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.63	24.65	24.69	25.5	0
5	QPSK	1	12	24.58	24.69	24.53		
5	QPSK	1	24	24.55	24.61	24.66		
5	QPSK	12	0	23.57	23.74	23.57	24.5	1
5	QPSK	12	7	23.60	23.66	23.51		
5	QPSK	12	13	23.57	23.69	23.55		
5	QPSK	25	0	23.65	23.71	23.61		
5	16QAM	1	0	23.62	23.60	23.62	24.5	1
5	16QAM	1	12	23.53	23.66	23.52		
5	16QAM	1	24	23.51	23.64	23.58		
5	16QAM	12	0	22.56	22.73	22.67	23.5	2
5	16QAM	12	7	22.65	22.62	22.47		
5	16QAM	12	13	22.54	22.62	22.54		
5	16QAM	25	0	22.56	22.73	22.61		
5	64QAM	1	0	22.64	22.71	22.69	23.5	2
5	64QAM	1	12	22.50	22.74	22.62		
5	64QAM	1	24	22.60	22.72	22.60		
5	64QAM	12	0	21.48	21.78	21.66	22.5	3
5	64QAM	12	7	21.60	21.62	21.51		
5	64QAM	12	13	21.48	21.72	21.53		
5	64QAM	25	0	21.65	21.73	21.65		
5	256QAM	1	0	19.54	19.78	19.61	20.5	5
5	256QAM	1	12	19.68	19.67	19.58		
5	256QAM	1	24	19.56	19.66	19.55		
5	256QAM	12	0	19.74	19.78	19.62	20.5	5
5	256QAM	12	7	19.69	19.63	19.75		
5	256QAM	12	13	19.60	19.56	19.62		
5	256QAM	25	0	19.51	19.62	19.73		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.66	24.74	24.69	25.5	0
3	QPSK	1	8	24.55	24.62	24.49		
3	QPSK	1	14	24.56	24.64	24.64		
3	QPSK	8	0	23.63	23.72	23.61	24.5	1
3	QPSK	8	4	23.59	23.69	23.44		
3	QPSK	8	7	23.52	23.70	23.58		
3	QPSK	15	0	23.59	23.69	23.65		
3	16QAM	1	0	23.63	23.62	23.59	24.5	1
3	16QAM	1	8	23.52	23.57	23.56		
3	16QAM	1	14	23.48	23.61	23.64		
3	16QAM	8	0	22.62	22.73	22.57	23.5	2
3	16QAM	8	4	22.61	22.66	22.45		
3	16QAM	8	7	22.44	22.66	22.60		
3	16QAM	15	0	22.65	22.69	22.66		
3	64QAM	1	0	22.59	22.68	22.68	23.5	2
3	64QAM	1	8	22.61	22.67	22.65		
3	64QAM	1	14	22.57	22.68	22.59		
3	64QAM	8	0	21.57	21.74	21.59	22.5	3
3	64QAM	8	4	21.60	21.66	21.47		
3	64QAM	8	7	21.47	21.73	21.49		
3	64QAM	15	0	21.54	21.66	21.71		
3	256QAM	1	0	19.55	19.76	19.70	20.5	5
3	256QAM	1	8	19.64	19.70	19.53		
3	256QAM	1	14	19.56	19.61	19.61		
3	256QAM	8	0	19.73	19.81	19.64	20.5	5
3	256QAM	8	4	19.64	19.60	19.65		
3	256QAM	8	7	19.58	19.62	19.55		
3	256QAM	15	0	19.57	19.61	19.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.66	24.74	24.61	25.5	0
1.4	QPSK	1	3	24.63	24.64	24.49		
1.4	QPSK	1	5	24.57	24.64	24.59		
1.4	QPSK	3	0	24.57	24.71	24.55		
1.4	QPSK	3	1	24.57	24.51	24.39		
1.4	QPSK	3	3	24.54	24.52	24.48		
1.4	QPSK	6	0	23.66	23.72	23.70	24.5	1
1.4	16QAM	1	0	23.66	23.60	23.64	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.55		
1.4	16QAM	1	5	23.59	23.67	23.60		
1.4	16QAM	3	0	23.54	23.64	23.65		
1.4	16QAM	3	1	23.57	23.54	23.59		
1.4	16QAM	3	3	23.54	23.51	23.43		
1.4	16QAM	6	0	22.56	22.69	22.62	23.5	2
1.4	64QAM	1	0	22.64	22.72	22.62	23.5	2
1.4	64QAM	1	3	22.49	22.67	22.59		
1.4	64QAM	1	5	22.63	22.69	22.62		
1.4	64QAM	3	0	22.43	22.63	22.49		
1.4	64QAM	3	1	22.52	22.70	22.60		
1.4	64QAM	3	3	22.39	22.61	22.56		
1.4	64QAM	6	0	21.61	21.66	21.70	22.5	3
1.4	256QAM	1	0	19.64	19.80	19.69	20.5	5
1.4	256QAM	1	3	19.63	19.67	19.49		
1.4	256QAM	1	5	19.53	19.70	19.59		
1.4	256QAM	3	0	19.68	19.71	19.68		
1.4	256QAM	3	1	19.65	19.68	19.73		
1.4	256QAM	3	3	19.64	19.55	19.60		
1.4	256QAM	6	0	19.59	19.56	19.70	20.5	5

Band 13 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.14		25.7	0
10	QPSK	1	25		25.10			
10	QPSK	1	49		25.07			
10	QPSK	25	0		24.10		24.7	1
10	QPSK	25	12		24.08			
10	QPSK	25	25		24.09			
10	QPSK	50	0		24.08			
10	16QAM	1	0		24.05		24.7	1
10	16QAM	1	25		24.03			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.06		23.7	2
10	16QAM	25	12		23.07			
10	16QAM	25	25		23.13			
10	16QAM	50	0		23.07			
10	64QAM	1	0		23.02		23.7	2
10	64QAM	1	25		22.98			
10	64QAM	1	49		22.97			
10	64QAM	25	0		22.10		22.7	3
10	64QAM	25	12		22.08			
10	64QAM	25	25		22.05			
10	64QAM	50	0		22.09			
10	256QAM	1	0		20.05		20.7	5
10	256QAM	1	25		20.04			
10	256QAM	1	49		20.11			
10	256QAM	25	0		20.06		20.7	5
10	256QAM	25	12		20.05			
10	256QAM	25	25		19.98			
10	256QAM	50	0		19.96			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	25.08	25.11	25.06	25.7	0
5	QPSK	1	12	25.07	25.02	25.02		
5	QPSK	1	24	24.99	24.97	25.02		
5	QPSK	12	0	23.98	24.02	24.07	24.7	1
5	QPSK	12	7	23.97	23.99	24.01		
5	QPSK	12	13	24.05	24.02	24.01		
5	QPSK	25	0	24.01	24.02	24.07		
5	16QAM	1	0	24.03	24.05	23.96	24.7	1
5	16QAM	1	12	23.97	23.93	24.02		
5	16QAM	1	24	23.96	23.92	24.00		
5	16QAM	12	0	23.02	23.06	22.98	23.7	2
5	16QAM	12	7	23.06	23.00	22.99		
5	16QAM	12	13	23.13	23.05	23.08		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	22.94	23.00	22.90	23.7	2
5	64QAM	1	12	22.87	22.90	22.87		
5	64QAM	1	24	22.87	22.94	22.95		
5	64QAM	12	0	22.03	22.05	21.99	22.7	3
5	64QAM	12	7	21.98	22.01	21.97		
5	64QAM	12	13	21.96	22.03	21.97		
5	64QAM	25	0	22.06	22.02	22.05		
5	256QAM	1	0	20.00	19.96	19.99	20.7	5
5	256QAM	1	12	19.96	20.01	19.99		
5	256QAM	1	24	20.06	20.06	20.01		
5	256QAM	12	0	20.02	20.00	19.99	20.7	5
5	256QAM	12	7	19.93	19.94	19.95		
5	256QAM	12	13	19.97	19.95	19.90		
5	256QAM	25	0	19.89	19.88	19.84		

Band 17 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.76	24.80	24.74	25.5	0
10	QPSK	1	25	24.66	24.74	24.65		
10	QPSK	1	49	24.75	24.69	24.67		
10	QPSK	25	0	23.77	23.85	23.78	24.5	1
10	QPSK	25	12	23.70	23.72	23.64		
10	QPSK	25	25	23.80	23.67	23.61		
10	QPSK	50	0	23.77	23.79	23.74		
10	16QAM	1	0	23.72	23.76	23.72	24.5	1
10	16QAM	1	25	23.62	23.77	23.71		
10	16QAM	1	49	23.75	23.71	23.68		
10	16QAM	25	0	22.78	22.91	22.82	23.5	2
10	16QAM	25	12	22.67	22.77	22.68		
10	16QAM	25	25	22.80	22.73	22.65		
10	16QAM	50	0	22.78	22.82	22.78		
10	64QAM	1	0	22.66	22.72	22.75	23.5	2
10	64QAM	1	25	22.66	22.71	22.76		
10	64QAM	1	49	22.79	22.70	22.65		
10	64QAM	25	0	21.72	21.87	21.75	22.5	3
10	64QAM	25	12	21.71	21.68	21.67		
10	64QAM	25	25	21.81	21.70	21.63		
10	64QAM	50	0	21.75	21.80	21.71		
10	256QAM	1	0	19.71	19.85	19.74	20.5	5
10	256QAM	1	25	19.75	19.73	19.58		
10	256QAM	1	49	19.74	19.67	19.64		
10	256QAM	25	0	19.82	19.82	19.78	20.5	5
10	256QAM	25	12	19.70	19.80	19.68		
10	256QAM	25	25	19.65	19.72	19.71		
10	256QAM	50	0	19.71	19.65	19.71		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.70	24.68	24.71	25.5	0
5	QPSK	1	12	24.53	24.70	24.61		
5	QPSK	1	24	24.62	24.65	24.62		
5	QPSK	12	0	23.65	23.81	23.67	24.5	1
5	QPSK	12	7	23.59	23.62	23.55		
5	QPSK	12	13	23.71	23.56	23.55		
5	QPSK	25	0	23.70	23.72	23.71		
5	16QAM	1	0	23.65	23.66	23.66	24.5	1
5	16QAM	1	12	23.58	23.68	23.60		
5	16QAM	1	24	23.73	23.64	23.56		
5	16QAM	12	0	22.76	22.86	22.78	23.5	2
5	16QAM	12	7	22.56	22.71	22.63		
5	16QAM	12	13	22.70	22.59	22.54		
5	16QAM	25	0	22.75	22.73	22.72		
5	64QAM	1	0	22.55	22.67	22.64	23.5	2
5	64QAM	1	12	22.54	22.66	22.63		
5	64QAM	1	24	22.70	22.57	22.55		
5	64QAM	12	0	21.67	21.78	21.70	22.5	3
5	64QAM	12	7	21.66	21.55	21.57		
5	64QAM	12	13	21.74	21.63	21.50		
5	64QAM	25	0	21.64	21.72	21.67		
5	256QAM	1	0	19.68	19.76	19.72	20.5	5
5	256QAM	1	12	19.68	19.69	19.46		
5	256QAM	1	24	19.63	19.61	19.57		
5	256QAM	12	0	19.75	19.72	19.70	20.5	5
5	256QAM	12	7	19.57	19.77	19.54		
5	256QAM	12	13	19.58	19.67	19.58		
5	256QAM	25	0	19.65	19.53	19.64		

Band 26 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.14	25.20	25.15	25.7	0
15	QPSK	1	37	25.09	25.11	25.07		
15	QPSK	1	74	25.10	25.07	25.09		
15	QPSK	36	0	24.13	24.20	24.11	24.7	1
15	QPSK	36	20	24.07	24.15	24.04		
15	QPSK	36	39	24.09	24.07	24.11		
15	QPSK	75	0	24.13	24.16	24.10		
15	16QAM	1	0	24.10	24.15	24.12	24.7	1
15	16QAM	1	37	24.14	24.07	24.05		
15	16QAM	1	74	24.08	24.02	24.08		
15	16QAM	36	0	23.11	23.18	23.05	23.7	2
15	16QAM	36	20	23.04	23.13	23.05		
15	16QAM	36	39	23.09	23.10	23.08		
15	16QAM	75	0	23.18	23.11	23.15		
15	64QAM	1	0	23.15	23.16	23.13	23.7	2
15	64QAM	1	37	23.08	23.01	23.00		
15	64QAM	1	74	23.10	22.97	23.05		
15	64QAM	36	0	22.12	22.15	22.08	22.7	3
15	64QAM	36	20	22.07	22.15	22.04		
15	64QAM	36	39	22.15	22.05	22.10		
15	64QAM	75	0	22.15	22.22	22.08		
15	256QAM	1	0	20.13	20.14	20.06	20.7	5
15	256QAM	1	37	20.10	20.15	20.03		
15	256QAM	1	74	20.10	20.09	20.12		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.07	20.20	20.16		
15	256QAM	36	39	20.20	20.10	19.99		
15	256QAM	75	0	20.08	20.04	20.03		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.08	25.17	25.04	25.7	0
10	QPSK	1	25	24.95	25.02	25.04		
10	QPSK	1	49	25.04	24.98	24.95		
10	QPSK	25	0	24.03	24.11	23.97	24.7	1
10	QPSK	25	12	23.94	24.09	23.98		
10	QPSK	25	25	24.05	24.01	24.04		
10	QPSK	50	0	24.03	24.07	24.04		
10	16QAM	1	0	24.01	24.04	24.03	24.7	1
10	16QAM	1	25	24.07	24.00	24.01		
10	16QAM	1	49	24.03	23.92	23.95		
10	16QAM	25	0	23.09	23.09	22.98	23.7	2
10	16QAM	25	12	22.93	23.02	22.98		
10	16QAM	25	25	23.04	23.03	23.01		
10	16QAM	50	0	23.07	23.09	23.10		
10	64QAM	1	0	23.07	23.10	23.10	23.7	2
10	64QAM	1	25	22.98	22.94	22.97		
10	64QAM	1	49	22.97	22.85	22.99		
10	64QAM	25	0	21.99	22.11	22.05	22.7	3
10	64QAM	25	12	22.00	22.02	21.95		
10	64QAM	25	25	22.07	21.99	21.96		
10	64QAM	50	0	22.11	22.19	22.01		
10	256QAM	1	0	20.08	20.08	20.00	20.7	5
10	256QAM	1	25	19.97	20.11	19.91		
10	256QAM	1	49	20.03	20.05	20.04		
10	256QAM	25	0	20.11	20.14	20.01	20.7	5
10	256QAM	25	12	19.94	20.11	20.14		
10	256QAM	25	25	20.11	20.08	19.95		
10	256QAM	50	0	19.98	19.91	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.09	25.09	25.09	25.7	0
5	QPSK	1	12	25.00	25.00	25.03		
5	QPSK	1	24	24.97	24.95	25.01		
5	QPSK	12	0	24.07	24.12	23.98	24.7	1
5	QPSK	12	7	23.96	24.04	23.99		
5	QPSK	12	13	24.04	24.05	24.00		
5	QPSK	25	0	24.03	24.02	24.02		
5	16QAM	1	0	24.03	24.02	24.08	24.7	1
5	16QAM	1	12	24.04	24.01	23.96		
5	16QAM	1	24	23.98	23.96	23.95		
5	16QAM	12	0	23.07	23.16	22.99	23.7	2
5	16QAM	12	7	22.99	23.00	23.02		
5	16QAM	12	13	22.96	23.07	23.03		
5	16QAM	25	0	23.06	22.99	23.08		
5	64QAM	1	0	23.10	23.11	23.05	23.7	2
5	64QAM	1	12	23.05	22.98	22.90		
5	64QAM	1	24	23.02	22.89	22.95		
5	64QAM	12	0	22.01	22.06	22.03	22.7	3
5	64QAM	12	7	21.98	22.13	21.96		
5	64QAM	12	13	22.09	21.96	22.05		
5	64QAM	25	0	22.09	22.14	21.94		
5	256QAM	1	0	20.10	20.04	19.99	20.7	5
5	256QAM	1	12	20.01	20.08	19.90		
5	256QAM	1	24	20.03	19.95	20.05		
5	256QAM	12	0	20.12	20.15	19.99	20.7	5
5	256QAM	12	7	19.95	20.07	20.05		
5	256QAM	12	13	20.10	19.98	19.89		
5	256QAM	25	0	20.04	19.95	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.04	25.11	25.10	25.7	0
3	QPSK	1	8	25.03	25.00	25.04		
3	QPSK	1	14	25.01	24.94	24.99		
3	QPSK	8	0	24.05	24.12	24.00	24.7	1
3	QPSK	8	4	23.94	24.09	23.96		
3	QPSK	8	7	24.04	24.02	24.04		
3	QPSK	15	0	24.08	24.09	24.06		
3	16QAM	1	0	23.97	24.13	24.03	24.7	1
3	16QAM	1	8	24.04	23.95	24.00		
3	16QAM	1	14	24.04	23.92	24.03		
3	16QAM	8	0	23.03	23.13	22.97	23.7	2
3	16QAM	8	4	22.96	23.02	22.95		
3	16QAM	8	7	22.99	22.99	22.97		
3	16QAM	15	0	23.12	23.05	23.11		
3	64QAM	1	0	23.05	23.03	23.04	23.7	2
3	64QAM	1	8	23.05	22.92	22.91		
3	64QAM	1	14	23.02	22.88	22.95		
3	64QAM	8	0	22.08	22.12	21.97	22.7	3
3	64QAM	8	4	21.99	22.09	21.96		
3	64QAM	8	7	22.01	21.95	21.99		
3	64QAM	15	0	22.05	22.11	21.99		
3	256QAM	1	0	20.04	20.09	19.95	20.7	5
3	256QAM	1	8	19.97	20.06	19.99		
3	256QAM	1	14	20.08	19.99	20.08		
3	256QAM	8	0	20.13	20.06	20.06	20.7	5
3	256QAM	8	4	20.03	20.07	20.03		
3	256QAM	8	7	20.18	19.99	19.90		
3	256QAM	15	0	20.00	19.95	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.11	25.08	25.03	25.7	0
1.4	QPSK	1	3	25.06	24.97	24.94		
1.4	QPSK	1	5	25.04	25.01	25.07		
1.4	QPSK	3	0	25.01	24.94	24.89		
1.4	QPSK	3	1	25.01	24.86	24.88		
1.4	QPSK	3	3	24.92	24.93	25.00		
1.4	QPSK	6	0	24.05	24.09	23.98	24.7	1
1.4	16QAM	1	0	24.05	24.08	23.99	24.7	1
1.4	16QAM	1	3	24.10	23.98	23.93		
1.4	16QAM	1	5	23.98	23.93	23.98		
1.4	16QAM	3	0	24.01	24.06	23.92		
1.4	16QAM	3	1	24.01	24.01	23.91		
1.4	16QAM	3	3	24.04	23.94	23.85		
1.4	16QAM	6	0	23.06	23.08	23.07	23.7	2
1.4	64QAM	1	0	23.07	23.10	23.03	23.7	2
1.4	64QAM	1	3	23.04	22.96	22.91		
1.4	64QAM	1	5	22.99	22.93	22.91		
1.4	64QAM	3	0	22.98	22.95	23.02		
1.4	64QAM	3	1	23.01	23.00	22.91		
1.4	64QAM	3	3	22.92	22.83	22.86		
1.4	64QAM	6	0	22.11	22.16	22.02	22.7	3
1.4	256QAM	1	0	20.01	20.08	19.93	20.7	5
1.4	256QAM	1	3	20.07	20.03	19.95		
1.4	256QAM	1	5	20.06	20.06	20.04		
1.4	256QAM	3	0	20.06	20.08	19.98		
1.4	256QAM	3	1	20.02	20.12	20.12		
1.4	256QAM	3	3	20.10	20.01	19.91		
1.4	256QAM	6	0	20.03	19.93	19.99	20.7	5

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	27.37	27.66	27.33	28.40	18.37	18.66	18.33	19.40
GPRS 1 Tx slot	27.36	27.43	27.49	28.40	18.36	18.43	18.49	19.40
GPRS 2 Tx slots	23.91	24.01	23.97	25.40	17.91	18.01	17.97	19.40
GPRS 3 Tx slots	22.06	22.05	22.02	23.60	17.80	17.79	17.76	19.34
GPRS 4 Tx slots	20.85	20.95	20.94	22.40	17.85	17.95	17.94	19.40
EDGE 1 Tx slot	21.93	22.11	22.04	23.40	12.93	13.11	13.04	14.40
EDGE 2 Tx slots	19.39	19.46	19.37	20.40	13.39	13.46	13.37	14.40
EDGE 3 Tx slots	17.68	17.67	17.65	18.60	13.42	13.41	13.39	14.34
EDGE 4 Tx slots	16.14	16.21	16.21	17.40	13.14	13.21	13.21	14.40

Band		WCDMA V Ant1 DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.33	19.35	19.25	20.70
3GPP Rel 99	RMC 12.2Kbps	19.32	19.36	19.33	20.70
3GPP Rel 6	HSDPA Subtest-1	18.39	18.32	18.33	19.70
3GPP Rel 6	HSDPA Subtest-2	18.38	18.37	18.30	19.70
3GPP Rel 6	HSDPA Subtest-3	17.86	17.89	17.81	19.20
3GPP Rel 6	HSDPA Subtest-4	17.88	17.82	17.83	19.20
3GPP Rel 8	DC-HSDPA Subtest-1	18.28	18.41	18.29	19.70
3GPP Rel 8	DC-HSDPA Subtest-2	18.36	18.42	18.27	19.70
3GPP Rel 8	DC-HSDPA Subtest-3	17.79	17.92	17.81	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	17.75	17.82	17.82	19.20
3GPP Rel 6	HSUPA Subtest-1	18.22	18.34	18.27	19.70
3GPP Rel 6	HSUPA Subtest-2	16.38	16.42	16.21	17.70
3GPP Rel 6	HSUPA Subtest-3	17.41	17.41	17.27	18.70
3GPP Rel 6	HSUPA Subtest-4	16.40	16.39	16.23	17.70
3GPP Rel 6	HSUPA Subtest-5	18.32	18.32	18.27	19.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.79	15.88	15.81	17.20

Band 5 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.22	19.41	19.24	20.5	0
10	QPSK	1	25	19.20	19.34	19.30		
10	QPSK	1	49	19.18	19.28	19.30		
10	QPSK	25	0	19.18	19.37	19.22	20.5	0
10	QPSK	25	12	19.20	19.36	19.21		
10	QPSK	25	25	19.19	19.34	19.28		
10	QPSK	50	0	19.29	19.34	19.19		
10	16QAM	1	0	19.25	19.28	19.30	20.5	0
10	16QAM	1	25	19.20	19.27	19.25		
10	16QAM	1	49	19.19	19.35	19.20		
10	16QAM	25	0	19.24	19.35	19.27	20.5	0
10	16QAM	25	12	19.18	19.33	19.26		
10	16QAM	25	25	19.21	19.32	19.28		
10	16QAM	50	0	19.25	19.32	19.22		
10	64QAM	1	0	19.20	19.35	19.25	20.5	0
10	64QAM	1	25	19.26	19.37	19.28		
10	64QAM	1	49	19.29	19.34	19.27		
10	64QAM	25	0	19.17	19.35	19.20	20.5	0
10	64QAM	25	12	19.26	19.32	19.28		
10	64QAM	25	25	19.23	19.26	19.27		
10	64QAM	50	0	19.26	19.31	19.28		
10	256QAM	1	0	19.20	19.27	19.30	20.5	0
10	256QAM	1	25	19.27	19.27	19.30		
10	256QAM	1	49	19.19	19.33	19.22		
10	256QAM	25	0	19.26	19.27	19.21	20.5	0
10	256QAM	25	12	19.25	19.32	19.27		
10	256QAM	25	25	19.25	19.31	19.28		
10	256QAM	50	0	19.28	19.30	19.28		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.15	19.34	19.17	20.5	0
5	QPSK	1	12	19.13	19.29	19.17		
5	QPSK	1	24	19.05	19.19	19.15		
5	QPSK	12	0	19.07	19.24	19.07	20.5	0
5	QPSK	12	7	19.05	19.28	19.11		
5	QPSK	12	13	19.08	19.28	19.15		
5	QPSK	25	0	19.23	19.20	19.15		
5	16QAM	1	0	19.13	19.14	19.16	20.5	0
5	16QAM	1	12	19.11	19.22	19.20		
5	16QAM	1	24	19.09	19.23	19.10		
5	16QAM	12	0	19.16	19.24	19.22	20.5	0
5	16QAM	12	7	19.11	19.19	19.15		
5	16QAM	12	13	19.07	19.19	19.15		
5	16QAM	25	0	19.21	19.19	19.07		
5	64QAM	1	0	19.15	19.28	19.20	20.5	0
5	64QAM	1	12	19.19	19.27	19.22		
5	64QAM	1	24	19.18	19.23	19.20		
5	64QAM	12	0	19.12	19.31	19.11	20.5	0
5	64QAM	12	7	19.12	19.18	19.15		
5	64QAM	12	13	19.16	19.20	19.12		
5	64QAM	25	0	19.17	19.21	19.20		
5	256QAM	1	0	19.05	19.15	19.21	20.5	0
5	256QAM	1	12	19.22	19.12	19.20		
5	256QAM	1	24	19.14	19.23	19.07		
5	256QAM	12	0	19.18	19.15	19.09	20.5	0
5	256QAM	12	7	19.13	19.23	19.12		
5	256QAM	12	13	19.18	19.17	19.19		
5	256QAM	25	0	19.14	19.25	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.10	19.30	19.12	20.5	0
3	QPSK	1	8	19.12	19.30	19.19		
3	QPSK	1	14	19.13	19.12	19.19		
3	QPSK	8	0	19.10	19.20	19.08	20.5	0
3	QPSK	8	4	19.09	19.23	19.16		
3	QPSK	8	7	19.09	19.26	19.13		
3	QPSK	15	0	19.18	19.30	19.12		
3	16QAM	1	0	19.20	19.16	19.23	20.5	0
3	16QAM	1	8	19.14	19.12	19.20		
3	16QAM	1	14	19.08	19.31	19.16		
3	16QAM	8	0	19.20	19.25	19.16	20.5	0
3	16QAM	8	4	19.05	19.17	19.21		
3	16QAM	8	7	19.15	19.20	19.17		
3	16QAM	15	0	19.18	19.19	19.13		
3	64QAM	1	0	19.14	19.30	19.20	20.5	0
3	64QAM	1	8	19.22	19.29	19.18		
3	64QAM	1	14	19.13	19.23	19.13		
3	64QAM	8	0	19.05	19.31	19.05	20.5	0
3	64QAM	8	4	19.22	19.21	19.14		
3	64QAM	8	7	19.09	19.19	19.14		
3	64QAM	15	0	19.18	19.26	19.23		
3	256QAM	1	0	19.08	19.18	19.17	20.5	0
3	256QAM	1	8	19.17	19.16	19.15		
3	256QAM	1	14	19.08	19.28	19.14		
3	256QAM	8	0	19.21	19.18	19.16	20.5	0
3	256QAM	8	4	19.18	19.23	19.18		
3	256QAM	8	7	19.15	19.24	19.20		
3	256QAM	15	0	19.22	19.24	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.15	19.34	19.18	20.5	0
1.4	QPSK	1	3	19.08	19.25	19.20		
1.4	QPSK	1	5	19.08	19.23	19.25		
1.4	QPSK	3	0	19.09	19.29	19.12		
1.4	QPSK	3	1	19.07	19.22	19.17		
1.4	QPSK	3	3	19.09	19.25	19.13		
1.4	QPSK	6	0	19.24	19.19	19.04	20.5	0
1.4	16QAM	1	0	19.15	19.16	19.20	20.5	0
1.4	16QAM	1	3	19.14	19.18	19.15		
1.4	16QAM	1	5	19.13	19.24	19.05		
1.4	16QAM	3	0	19.19	19.29	19.16		
1.4	16QAM	3	1	19.03	19.24	19.16		
1.4	16QAM	3	3	19.14	19.17	19.20		
1.4	16QAM	6	0	19.15	19.21	19.07	20.5	0
1.4	64QAM	1	0	19.11	19.23	19.10	20.5	0
1.4	64QAM	1	3	19.16	19.23	19.13		
1.4	64QAM	1	5	19.25	19.27	19.13		
1.4	64QAM	3	0	19.04	19.29	19.08		
1.4	64QAM	3	1	19.10	19.20	19.24		
1.4	64QAM	3	3	19.13	19.14	19.18		
1.4	64QAM	6	0	19.21	19.16	19.22	20.5	0
1.4	256QAM	1	0	19.12	19.19	19.23	20.5	0
1.4	256QAM	1	3	19.18	19.15	19.21		
1.4	256QAM	1	5	19.10	19.18	19.13		
1.4	256QAM	3	0	19.20	19.15	19.06		
1.4	256QAM	3	1	19.12	19.22	19.22		
1.4	256QAM	3	3	19.10	19.20	19.14		
1.4	256QAM	6	0	19.23	19.25	19.16	20.5	0

Band 12 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.21	23.07	24	0
10	QPSK	1	25	23.10	23.12	23.10		
10	QPSK	1	49	23.10	23.09	23.08		
10	QPSK	25	0	23.11	23.15	23.06	24	0
10	QPSK	25	12	23.14	23.10	23.04		
10	QPSK	25	25	23.11	23.11	23.10		
10	QPSK	50	0	23.11	23.15	23.08		
10	16QAM	1	0	23.13	23.13	23.06	24	0
10	16QAM	1	25	23.09	23.15	23.14		
10	16QAM	1	49	23.07	23.20	23.05		
10	16QAM	25	0	22.04	22.19	22.10	23	1
10	16QAM	25	12	22.15	22.10	22.10		
10	16QAM	25	25	22.06	22.17	22.04		
10	16QAM	50	0	22.13	22.12	22.07		
10	64QAM	1	0	22.12	22.13	22.14	23	1
10	64QAM	1	25	22.05	22.16	22.03		
10	64QAM	1	49	22.12	22.19	22.04		
10	64QAM	25	0	21.07	21.12	21.09	22	2
10	64QAM	25	12	21.08	21.20	21.02		
10	64QAM	25	25	21.12	21.18	21.05		
10	64QAM	50	0	21.06	21.19	21.11		
10	256QAM	1	0	19.01	19.09	19.12	20	4
10	256QAM	1	25	19.11	19.08	19.10		
10	256QAM	1	49	19.10	19.18	19.08		
10	256QAM	25	0	19.06	19.15	19.09	20	4
10	256QAM	25	12	19.05	19.14	19.02		
10	256QAM	25	25	19.01	19.09	19.07		
10	256QAM	50	0	19.05	19.19	19.02		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.96	23.05	22.99	24	0
5	QPSK	1	12	22.96	22.98	22.97		
5	QPSK	1	24	22.95	22.97	22.97		
5	QPSK	12	0	22.99	22.96	22.92	24	0
5	QPSK	12	7	22.99	23.13	22.96		
5	QPSK	12	13	22.98	23.08	22.99		
5	QPSK	25	0	23.05	23.02	23.03		
5	16QAM	1	0	23.02	22.99	22.93	24	0
5	16QAM	1	12	22.96	23.10	23.00		
5	16QAM	1	24	23.00	23.15	22.91		
5	16QAM	12	0	21.97	22.14	21.97	23	1
5	16QAM	12	7	22.03	21.98	21.96		
5	16QAM	12	13	22.00	22.08	21.99		
5	16QAM	25	0	22.04	21.99	21.98		
5	64QAM	1	0	21.98	22.02	22.05	23	1
5	64QAM	1	12	21.92	22.08	21.91		
5	64QAM	1	24	22.07	22.13	21.90		
5	64QAM	12	0	20.94	21.05	21.01	22	2
5	64QAM	12	7	20.97	21.12	20.96		
5	64QAM	12	13	20.99	21.07	20.92		
5	64QAM	25	0	20.96	21.06	20.98		
5	256QAM	1	0	18.94	18.96	18.99	20	4
5	256QAM	1	12	19.02	19.03	18.96		
5	256QAM	1	24	19.00	19.02	18.97		
5	256QAM	12	0	19.02	19.07	18.95	20	4
5	256QAM	12	7	18.96	19.09	18.98		
5	256QAM	12	13	18.89	19.01	18.98		
5	256QAM	25	0	19.01	19.06	18.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.08	22.97	24	0
3	QPSK	1	8	22.95	23.02	23.04		
3	QPSK	1	14	23.05	22.95	22.94		
3	QPSK	8	0	23.05	23.00	23.00	24	0
3	QPSK	8	4	23.01	23.06	22.88		
3	QPSK	8	7	22.97	23.09	22.97		
3	QPSK	15	0	23.05	23.11	23.00		
3	16QAM	1	0	23.04	23.06	22.96	24	0
3	16QAM	1	8	22.96	23.09	23.03		
3	16QAM	1	14	22.99	23.14	23.00		
3	16QAM	8	0	21.94	22.03	21.96	23	1
3	16QAM	8	4	22.02	22.01	21.95		
3	16QAM	8	7	21.99	22.08	21.92		
3	16QAM	15	0	22.02	22.03	21.92		
3	64QAM	1	0	22.07	22.03	21.99	23	1
3	64QAM	1	8	21.99	22.03	21.91		
3	64QAM	1	14	21.98	22.09	21.92		
3	64QAM	8	0	21.01	20.98	21.03	22	2
3	64QAM	8	4	21.01	21.11	20.86		
3	64QAM	8	7	21.03	21.06	20.98		
3	64QAM	15	0	20.91	21.14	21.05		
3	256QAM	1	0	18.92	18.94	19.07	20	4
3	256QAM	1	8	19.00	19.03	18.96		
3	256QAM	1	14	19.03	19.13	18.94		
3	256QAM	8	0	18.99	19.09	18.94	20	4
3	256QAM	8	4	18.94	19.02	18.98		
3	256QAM	8	7	18.88	19.03	18.99		
3	256QAM	15	0	18.97	19.15	18.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.00	23.08	22.97	24	0
1.4	QPSK	1	3	22.96	23.04	22.93		
1.4	QPSK	1	5	22.91	23.06	22.96		
1.4	QPSK	3	0	23.01	23.08	23.03		
1.4	QPSK	3	1	22.97	22.99	22.99		
1.4	QPSK	3	3	22.92	23.01	22.96		
1.4	QPSK	6	0	22.94	22.99	23.03	24	0
1.4	16QAM	1	0	22.96	23.02	23.00	24	0
1.4	16QAM	1	3	22.92	23.04	23.02		
1.4	16QAM	1	5	23.00	23.05	22.95		
1.4	16QAM	3	0	23.00	23.03	22.92		
1.4	16QAM	3	1	22.96	23.04	22.91		
1.4	16QAM	3	3	23.01	23.09	22.91		
1.4	16QAM	6	0	22.05	22.18	22.03	23	1
1.4	64QAM	1	0	22.03	22.09	22.10	23	1
1.4	64QAM	1	3	22.04	22.18	22.11		
1.4	64QAM	1	5	22.12	22.12	22.01		
1.4	64QAM	3	0	22.04	22.15	22.05		
1.4	64QAM	3	1	22.03	22.15	22.08		
1.4	64QAM	3	3	22.09	22.12	22.05		
1.4	64QAM	6	0	21.09	21.16	21.06	22	2
1.4	256QAM	1	0	19.02	19.11	19.10	20	4
1.4	256QAM	1	3	19.03	19.19	19.10		
1.4	256QAM	1	5	19.09	19.14	19.06		
1.4	256QAM	3	0	19.10	19.09	19.05		
1.4	256QAM	3	1	19.02	19.10	19.10		
1.4	256QAM	3	3	19.03	19.20	19.09		
1.4	256QAM	6	0	19.02	19.18	19.08	20	4

Band 13 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.11		22	0
10	QPSK	1	25		21.04			
10	QPSK	1	49		21.08			
10	QPSK	25	0		21.05		22	0
10	QPSK	25	12		21.02			
10	QPSK	25	25		21.03			
10	QPSK	50	0		21.01			
10	16QAM	1	0		21.02		22	0
10	16QAM	1	25		21.05			
10	16QAM	1	49		21.09			
10	16QAM	25	0		21.00		22	0
10	16QAM	25	12		20.99			
10	16QAM	25	25		21.05			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.00		22	0
10	64QAM	1	25		21.03			
10	64QAM	1	49		21.04			
10	64QAM	25	0		21.04		22	0
10	64QAM	25	12		21.07			
10	64QAM	25	25		21.05			
10	64QAM	50	0		21.09			
10	256QAM	1	0		19.49		20.5	1.5
10	256QAM	1	25		19.49			
10	256QAM	1	49		19.53			
10	256QAM	25	0		19.47		20.5	1.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.56			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.97	21.04	21.05	22	0
5	QPSK	1	12	20.99	20.90	20.99		
5	QPSK	1	24	20.92	20.96	20.94		
5	QPSK	12	0	20.94	20.94	20.93	22	0
5	QPSK	12	7	20.95	20.96	20.90		
5	QPSK	12	13	20.94	20.96	20.94		
5	QPSK	25	0	20.97	20.96	20.87		
5	16QAM	1	0	20.96	20.87	20.89	22	0
5	16QAM	1	12	20.97	20.90	20.97		
5	16QAM	1	24	20.96	20.98	20.98		
5	16QAM	12	0	20.92	20.93	20.88	22	0
5	16QAM	12	7	20.83	20.92	20.89		
5	16QAM	12	13	20.89	21.00	20.95		
5	16QAM	25	0	20.88	20.86	20.88		
5	64QAM	1	0	20.96	20.90	20.85	22	0
5	64QAM	1	12	20.93	20.88	20.95		
5	64QAM	1	24	20.90	20.93	20.98		
5	64QAM	12	0	20.99	20.98	20.97	22	0
5	64QAM	12	7	20.98	20.95	20.95		
5	64QAM	12	13	20.94	20.98	20.92		
5	64QAM	25	0	21.08	21.02	21.03		
5	256QAM	1	0	19.40	19.34	19.37	20.5	1.5
5	256QAM	1	12	19.41	19.37	19.40		
5	256QAM	1	24	19.47	19.43	19.40		
5	256QAM	12	0	19.39	19.41	19.36	20.5	1.5
5	256QAM	12	7	19.44	19.41	19.35		
5	256QAM	12	13	19.32	19.32	19.39		
5	256QAM	25	0	19.27	19.38	19.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.92	23.13	22.96	24	0
10	QPSK	1	25	22.92	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.92		
10	QPSK	25	0	22.90	23.09	22.91	24	0
10	QPSK	25	12	22.92	23.05	22.89		
10	QPSK	25	25	23.02	23.04	22.98		
10	QPSK	50	0	23.01	23.07	22.93		
10	16QAM	1	0	22.97	23.08	22.96	24	0
10	16QAM	1	25	22.92	23.08	22.91		
10	16QAM	1	49	23.02	23.05	22.97		
10	16QAM	25	0	21.95	22.11	21.93	23	1
10	16QAM	25	12	21.91	22.17	21.93		
10	16QAM	25	25	21.91	22.19	21.99		
10	16QAM	50	0	21.87	22.07	21.99		
10	64QAM	1	0	21.95	22.17	21.91	23	1
10	64QAM	1	25	21.94	22.11	21.94		
10	64QAM	1	49	21.91	22.15	21.98		
10	64QAM	25	0	20.95	21.17	20.95	22	2
10	64QAM	25	12	20.93	21.18	20.96		
10	64QAM	25	25	20.90	21.11	20.94		
10	64QAM	50	0	20.97	21.13	20.93		
10	256QAM	1	0	18.96	19.14	18.99	20	4
10	256QAM	1	25	18.96	19.07	19.00		
10	256QAM	1	49	18.87	19.16	19.00		
10	256QAM	25	0	18.89	19.15	18.92	20	4
10	256QAM	25	12	18.93	19.08	18.94		
10	256QAM	25	25	18.91	19.14	18.99		
10	256QAM	50	0	18.92	19.10	18.98		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.97	22.89	24	0
5	QPSK	1	12	22.80	23.05	22.84		
5	QPSK	1	24	22.80	23.01	22.80		
5	QPSK	12	0	22.80	23.00	22.77	24	0
5	QPSK	12	7	22.86	23.05	22.84		
5	QPSK	12	13	22.89	23.04	22.88		
5	QPSK	25	0	22.88	23.01	22.87		
5	16QAM	1	0	22.89	22.94	22.91	24	0
5	16QAM	1	12	22.85	22.98	22.83		
5	16QAM	1	24	22.94	22.96	22.84		
5	16QAM	12	0	21.79	22.07	21.85	23	1
5	16QAM	12	7	21.82	22.04	21.84		
5	16QAM	12	13	21.80	22.15	21.91		
5	16QAM	25	0	21.71	21.99	21.85		
5	64QAM	1	0	21.82	22.11	21.87	23	1
5	64QAM	1	12	21.83	21.97	21.84		
5	64QAM	1	24	21.77	22.01	21.92		
5	64QAM	12	0	20.81	21.09	20.83	22	2
5	64QAM	12	7	20.84	21.04	20.91		
5	64QAM	12	13	20.84	21.00	20.78		
5	64QAM	25	0	20.86	21.01	20.83		
5	256QAM	1	0	18.82	19.03	18.94	20	4
5	256QAM	1	12	18.83	18.97	18.94		
5	256QAM	1	24	18.77	19.03	18.92		
5	256QAM	12	0	18.74	19.06	18.80	20	4
5	256QAM	12	7	18.81	19.01	18.82		
5	256QAM	12	13	18.80	19.03	18.84		
5	256QAM	25	0	18.78	18.93	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.34	19.66	19.37	20.5	0
15	QPSK	1	37	19.39	19.52	19.44		
15	QPSK	1	74	19.34	19.58	19.43		
15	QPSK	36	0	19.38	19.62	19.37	20.5	0
15	QPSK	36	20	19.42	19.60	19.37		
15	QPSK	36	39	19.34	19.51	19.39		
15	QPSK	75	0	19.40	19.61	19.38		
15	16QAM	1	0	19.39	19.62	19.42	20.5	0
15	16QAM	1	37	19.39	19.56	19.35		
15	16QAM	1	74	19.31	19.60	19.41		
15	16QAM	36	0	19.36	19.57	19.38	20.5	0
15	16QAM	36	20	19.41	19.58	19.44		
15	16QAM	36	39	19.43	19.51	19.35		
15	16QAM	75	0	19.43	19.58	19.42		
15	64QAM	1	0	19.40	19.54	19.37	20.5	0
15	64QAM	1	37	19.38	19.60	19.42		
15	64QAM	1	74	19.35	19.59	19.38		
15	64QAM	36	0	19.41	19.61	19.36	20.5	0
15	64QAM	36	20	19.34	19.60	19.42		
15	64QAM	36	39	19.36	19.59	19.43		
15	64QAM	75	0	19.34	19.59	19.36		
15	256QAM	1	0	19.34	19.59	19.36	20.5	0
15	256QAM	1	37	19.40	19.58	19.37		
15	256QAM	1	74	19.34	19.62	19.46		
15	256QAM	36	0	19.39	19.52	19.43	20.5	0
15	256QAM	36	20	19.38	19.62	19.46		
15	256QAM	36	39	19.37	19.63	19.39		
15	256QAM	75	0	19.32	19.42	19.40		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.20	19.51	19.28	20.5	0
10	QPSK	1	25	19.25	19.47	19.30		
10	QPSK	1	49	19.26	19.45	19.37		
10	QPSK	25	0	19.26	19.56	19.26	20.5	0
10	QPSK	25	12	19.34	19.51	19.29		
10	QPSK	25	25	19.19	19.44	19.28		
10	QPSK	50	0	19.35	19.47	19.32		
10	16QAM	1	0	19.28	19.48	19.32	20.5	0
10	16QAM	1	25	19.31	19.48	19.19		
10	16QAM	1	49	19.18	19.56	19.33		
10	16QAM	25	0	19.29	19.45	19.29	20.5	0
10	16QAM	25	12	19.34	19.49	19.34		
10	16QAM	25	25	19.28	19.42	19.27		
10	16QAM	50	0	19.31	19.44	19.33		
10	64QAM	1	0	19.33	19.45	19.31	20.5	0
10	64QAM	1	25	19.32	19.46	19.36		
10	64QAM	1	49	19.26	19.44	19.26		
10	64QAM	25	0	19.27	19.50	19.21	20.5	0
10	64QAM	25	12	19.22	19.54	19.29		
10	64QAM	25	25	19.22	19.48	19.39		
10	64QAM	50	0	19.19	19.55	19.26		
10	256QAM	1	0	19.23	19.49	19.23	20.5	0
10	256QAM	1	25	19.28	19.53	19.32		
10	256QAM	1	49	19.30	19.55	19.33		
10	256QAM	25	0	19.34	19.39	19.28	20.5	0
10	256QAM	25	12	19.30	19.57	19.40		
10	256QAM	25	25	19.31	19.54	19.28		
10	256QAM	50	0	19.27	19.37	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.20	19.57	19.32	20.5	0
5	QPSK	1	12	19.34	19.41	19.33		
5	QPSK	1	24	19.25	19.48	19.37		
5	QPSK	12	0	19.22	19.50	19.26	20.5	0
5	QPSK	12	7	19.29	19.54	19.28		
5	QPSK	12	13	19.28	19.39	19.25		
5	QPSK	25	0	19.30	19.55	19.29		
5	16QAM	1	0	19.26	19.54	19.28	20.5	0
5	16QAM	1	12	19.23	19.41	19.30		
5	16QAM	1	24	19.24	19.49	19.34		
5	16QAM	12	0	19.32	19.50	19.30	20.5	0
5	16QAM	12	7	19.35	19.53	19.39		
5	16QAM	12	13	19.36	19.43	19.24		
5	16QAM	25	0	19.27	19.48	19.37		
5	64QAM	1	0	19.29	19.48	19.22	20.5	0
5	64QAM	1	12	19.26	19.53	19.36		
5	64QAM	1	24	19.22	19.47	19.23		
5	64QAM	12	0	19.29	19.50	19.30	20.5	0
5	64QAM	12	7	19.30	19.55	19.34		
5	64QAM	12	13	19.24	19.51	19.34		
5	64QAM	25	0	19.25	19.51	19.26		
5	256QAM	1	0	19.21	19.47	19.23	20.5	0
5	256QAM	1	12	19.27	19.50	19.24		
5	256QAM	1	24	19.23	19.53	19.39		
5	256QAM	12	0	19.25	19.45	19.33	20.5	0
5	256QAM	12	7	19.28	19.47	19.40		
5	256QAM	12	13	19.29	19.50	19.26		
5	256QAM	25	0	19.23	19.32	19.31		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.20	19.55	19.21	20.5	0
3	QPSK	1	8	19.28	19.37	19.29		
3	QPSK	1	14	19.29	19.49	19.33		
3	QPSK	8	0	19.34	19.48	19.26	20.5	0
3	QPSK	8	4	19.38	19.44	19.25		
3	QPSK	8	7	19.24	19.43	19.25		
3	QPSK	15	0	19.31	19.50	19.24		
3	16QAM	1	0	19.32	19.57	19.30	20.5	0
3	16QAM	1	8	19.33	19.44	19.29		
3	16QAM	1	14	19.24	19.54	19.25		
3	16QAM	8	0	19.28	19.41	19.28	20.5	0
3	16QAM	8	4	19.28	19.52	19.37		
3	16QAM	8	7	19.38	19.44	19.26		
3	16QAM	15	0	19.28	19.52	19.28		
3	64QAM	1	0	19.25	19.42	19.32	20.5	0
3	64QAM	1	8	19.30	19.54	19.34		
3	64QAM	1	14	19.25	19.46	19.25		
3	64QAM	8	0	19.35	19.45	19.30	20.5	0
3	64QAM	8	4	19.25	19.55	19.37		
3	64QAM	8	7	19.27	19.50	19.36		
3	64QAM	15	0	19.28	19.55	19.31		
3	256QAM	1	0	19.29	19.52	19.26	20.5	0
3	256QAM	1	8	19.30	19.44	19.33		
3	256QAM	1	14	19.29	19.52	19.40		
3	256QAM	8	0	19.25	19.37	19.35	20.5	0
3	256QAM	8	4	19.32	19.48	19.42		
3	256QAM	8	7	19.25	19.53	19.24		
3	256QAM	15	0	19.26	19.29	19.29		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.27	19.45	19.31	20.5	0
1.4	QPSK	1	3	19.34	19.40	19.30		
1.4	QPSK	1	5	19.22	19.50	19.36		
1.4	QPSK	3	0	19.27	19.57	19.27		
1.4	QPSK	3	1	19.36	19.49	19.32		
1.4	QPSK	3	3	19.21	19.38	19.31		
1.4	QPSK	6	0	19.24	19.56	19.26	20.5	0
1.4	16QAM	1	0	19.32	19.56	19.37	20.5	0
1.4	16QAM	1	3	19.27	19.41	19.25		
1.4	16QAM	1	5	19.20	19.47	19.30		
1.4	16QAM	3	0	19.30	19.47	19.26		
1.4	16QAM	3	1	19.27	19.48	19.35		
1.4	16QAM	3	3	19.36	19.41	19.20		
1.4	16QAM	6	0	19.30	19.53	19.30	20.5	0
1.4	64QAM	1	0	19.29	19.45	19.26	20.5	0
1.4	64QAM	1	3	19.28	19.52	19.34		
1.4	64QAM	1	5	19.29	19.43	19.31		
1.4	64QAM	3	0	19.32	19.46	19.27		
1.4	64QAM	3	1	19.26	19.54	19.29		
1.4	64QAM	3	3	19.30	19.53	19.28		
1.4	64QAM	6	0	19.20	19.49	19.24	20.5	0
1.4	256QAM	1	0	19.20	19.55	19.20	20.5	0
1.4	256QAM	1	3	19.25	19.47	19.31		
1.4	256QAM	1	5	19.20	19.53	19.31		
1.4	256QAM	3	0	19.27	19.44	19.28		
1.4	256QAM	3	1	19.33	19.54	19.33		
1.4	256QAM	3	3	19.25	19.52	19.29		
1.4	256QAM	6	0	19.27	19.35	19.38	20.5	0

Band 4 Ant3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.87	24.95	24.91	25.7	0
20	QPSK	1	49	24.78	24.91	24.81		
20	QPSK	1	99	24.83	24.88	24.79		
20	QPSK	50	0	23.93	23.99	23.89	24.7	1
20	QPSK	50	24	23.83	23.97	23.81		
20	QPSK	50	50	23.88	23.85	23.77		
20	QPSK	100	0	23.89	23.94	23.93		
20	16QAM	1	0	23.83	23.93	23.89	24.7	1
20	16QAM	1	49	23.74	23.92	23.87		
20	16QAM	1	99	23.83	23.85	23.83		
20	16QAM	50	0	22.96	23.02	22.92	23.7	2
20	16QAM	50	24	22.81	22.94	22.81		
20	16QAM	50	50	22.87	22.81	22.74		
20	16QAM	100	0	22.90	22.96	22.98		
20	64QAM	1	0	22.79	22.99	22.90	23.7	2
20	64QAM	1	49	22.70	22.87	22.84		
20	64QAM	1	99	22.87	22.83	22.86		
20	64QAM	50	0	21.92	22.01	21.92	22.7	3
20	64QAM	50	24	21.82	21.97	21.78		
20	64QAM	50	50	21.91	21.84	21.79		
20	64QAM	100	0	21.88	21.93	21.95		
20	256QAM	1	0	19.96	20.04	19.85	20.7	5
20	256QAM	1	49	19.82	19.94	19.77		
20	256QAM	1	99	19.86	19.84	19.76		
20	256QAM	50	0	19.86	19.89	19.88	20.7	5
20	256QAM	50	24	19.86	19.93	19.92		
20	256QAM	50	50	19.77	19.88	19.83		
20	256QAM	100	0	19.79	19.81	19.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.79	24.82	24.84	25.7	0
15	QPSK	1	37	24.68	24.82	24.77		
15	QPSK	1	74	24.71	24.75	24.67		
15	QPSK	36	0	23.80	23.85	23.87	24.7	1
15	QPSK	36	20	23.75	23.89	23.71		
15	QPSK	36	39	23.81	23.80	23.71		
15	QPSK	75	0	23.81	23.92	23.89		
15	16QAM	1	0	23.70	23.91	23.81	24.7	1
15	16QAM	1	37	23.63	23.79	23.84		
15	16QAM	1	74	23.75	23.74	23.80		
15	16QAM	36	0	22.88	22.94	22.79	23.7	2
15	16QAM	36	20	22.70	22.90	22.69		
15	16QAM	36	39	22.84	22.73	22.65		
15	16QAM	75	0	22.84	22.92	22.92		
15	64QAM	1	0	22.74	22.94	22.80	23.7	2
15	64QAM	1	37	22.56	22.82	22.81		
15	64QAM	1	74	22.80	22.74	22.80		
15	64QAM	36	0	21.81	21.95	21.87	22.7	3
15	64QAM	36	20	21.79	21.95	21.72		
15	64QAM	36	39	21.78	21.75	21.69		
15	64QAM	75	0	21.82	21.89	21.89		
15	256QAM	1	0	19.94	20.00	19.77	20.7	5
15	256QAM	1	37	19.79	19.89	19.73		
15	256QAM	1	74	19.74	19.73	19.67		
15	256QAM	36	0	19.76	19.86	19.78	20.7	5
15	256QAM	36	20	19.79	19.80	19.84		
15	256QAM	36	39	19.72	19.81	19.79		
15	256QAM	75	0	19.70	19.67	19.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.76	24.90	24.88	25.7	0
10	QPSK	1	25	24.68	24.83	24.75		
10	QPSK	1	49	24.70	24.84	24.76		
10	QPSK	25	0	23.88	23.85	23.77	24.7	1
10	QPSK	25	12	23.75	23.89	23.69		
10	QPSK	25	25	23.85	23.73	23.70		
10	QPSK	50	0	23.84	23.85	23.84		
10	16QAM	1	0	23.74	23.86	23.77	24.7	1
10	16QAM	1	25	23.71	23.86	23.75		
10	16QAM	1	49	23.70	23.82	23.71		
10	16QAM	25	0	22.83	22.99	22.80	23.7	2
10	16QAM	25	12	22.70	22.83	22.75		
10	16QAM	25	25	22.79	22.71	22.71		
10	16QAM	50	0	22.79	22.84	22.88		
10	64QAM	1	0	22.65	22.86	22.83	23.7	2
10	64QAM	1	25	22.66	22.76	22.70		
10	64QAM	1	49	22.74	22.69	22.72		
10	64QAM	25	0	21.84	21.95	21.85	22.7	3
10	64QAM	25	12	21.72	21.86	21.74		
10	64QAM	25	25	21.83	21.80	21.69		
10	64QAM	50	0	21.82	21.83	21.84		
10	256QAM	1	0	19.84	20.02	19.75	20.7	5
10	256QAM	1	25	19.73	19.89	19.65		
10	256QAM	1	49	19.72	19.75	19.73		
10	256QAM	25	0	19.75	19.76	19.82	20.7	5
10	256QAM	25	12	19.83	19.88	19.86		
10	256QAM	25	25	19.69	19.83	19.71		
10	256QAM	50	0	19.72	19.72	19.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.78	24.91	24.79	25.7	0
5	QPSK	1	12	24.73	24.86	24.71		
5	QPSK	1	24	24.76	24.85	24.69		
5	QPSK	12	0	23.84	23.90	23.82	24.7	1
5	QPSK	12	7	23.70	23.89	23.69		
5	QPSK	12	13	23.81	23.82	23.66		
5	QPSK	25	0	23.77	23.86	23.87		
5	16QAM	1	0	23.74	23.82	23.79	24.7	1
5	16QAM	1	12	23.68	23.85	23.77		
5	16QAM	1	24	23.78	23.79	23.79		
5	16QAM	12	0	22.89	22.95	22.89	23.7	2
5	16QAM	12	7	22.68	22.86	22.72		
5	16QAM	12	13	22.77	22.76	22.67		
5	16QAM	25	0	22.88	22.91	22.86		
5	64QAM	1	0	22.69	22.93	22.78	23.7	2
5	64QAM	1	12	22.60	22.79	22.71		
5	64QAM	1	24	22.78	22.79	22.79		
5	64QAM	12	0	21.87	21.90	21.83	22.7	3
5	64QAM	12	7	21.69	21.86	21.75		
5	64QAM	12	13	21.78	21.76	21.71		
5	64QAM	25	0	21.85	21.81	21.90		
5	256QAM	1	0	19.93	19.98	19.71	20.7	5
5	256QAM	1	12	19.77	19.85	19.71		
5	256QAM	1	24	19.82	19.77	19.69		
5	256QAM	12	0	19.79	19.85	19.84	20.7	5
5	256QAM	12	7	19.84	19.81	19.81		
5	256QAM	12	13	19.71	19.82	19.73		
5	256QAM	25	0	19.70	19.70	19.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.79	24.81	24.89	25.7	0
3	QPSK	1	8	24.69	24.77	24.78		
3	QPSK	1	14	24.73	24.83	24.71		
3	QPSK	8	0	23.83	23.96	23.77	24.7	1
3	QPSK	8	4	23.74	23.88	23.68		
3	QPSK	8	7	23.81	23.79	23.69		
3	QPSK	15	0	23.80	23.90	23.87		
3	16QAM	1	0	23.77	23.82	23.87	24.7	1
3	16QAM	1	8	23.72	23.89	23.81		
3	16QAM	1	14	23.72	23.76	23.79		
3	16QAM	8	0	22.94	22.91	22.79	23.7	2
3	16QAM	8	4	22.68	22.84	22.70		
3	16QAM	8	7	22.76	22.69	22.68		
3	16QAM	15	0	22.81	22.88	22.84		
3	64QAM	1	0	22.65	22.89	22.79	23.7	2
3	64QAM	1	8	22.67	22.82	22.73		
3	64QAM	1	14	22.84	22.73	22.81		
3	64QAM	8	0	21.79	21.87	21.82	22.7	3
3	64QAM	8	4	21.76	21.83	21.69		
3	64QAM	8	7	21.79	21.80	21.70		
3	64QAM	15	0	21.75	21.80	21.86		
3	256QAM	1	0	19.92	19.96	19.76	20.7	5
3	256QAM	1	8	19.77	19.89	19.68		
3	256QAM	1	14	19.84	19.70	19.63		
3	256QAM	8	0	19.82	19.79	19.85	20.7	5
3	256QAM	8	4	19.74	19.81	19.85		
3	256QAM	8	7	19.66	19.85	19.72		
3	256QAM	15	0	19.71	19.77	19.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.80	24.93	24.77	25.7	0
1.4	QPSK	1	3	24.70	24.86	24.74		
1.4	QPSK	1	5	24.73	24.80	24.74		
1.4	QPSK	3	0	24.68	24.81	24.65		
1.4	QPSK	3	1	24.59	24.75	24.64		
1.4	QPSK	3	3	24.69	24.66	24.61		
1.4	QPSK	6	0	23.75	23.83	23.87	24.7	1
1.4	16QAM	1	0	23.80	23.82	23.85	24.7	1
1.4	16QAM	1	3	23.61	23.80	23.78		
1.4	16QAM	1	5	23.69	23.83	23.74		
1.4	16QAM	3	0	23.72	23.71	23.80		
1.4	16QAM	3	1	23.69	23.73	23.77		
1.4	16QAM	3	3	23.49	23.73	23.72		
1.4	16QAM	6	0	22.88	22.90	22.87	23.7	2
1.4	64QAM	1	0	22.70	22.90	22.86	23.7	2
1.4	64QAM	1	3	22.63	22.82	22.81		
1.4	64QAM	1	5	22.77	22.77	22.79		
1.4	64QAM	3	0	22.83	22.77	22.74		
1.4	64QAM	3	1	22.57	22.76	22.82		
1.4	64QAM	3	3	22.58	22.76	22.68		
1.4	64QAM	6	0	21.84	21.81	21.83	22.7	3
1.4	256QAM	1	0	19.88	19.90	19.75	20.7	5
1.4	256QAM	1	3	19.78	19.89	19.69		
1.4	256QAM	1	5	19.84	19.76	19.72		
1.4	256QAM	3	0	19.75	19.77	19.77		
1.4	256QAM	3	1	19.84	19.90	19.90		
1.4	256QAM	3	3	19.69	19.85	19.75		
1.4	256QAM	6	0	19.67	19.68	19.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.74	23.87	23.71	25.5	0
20	QPSK	1	49	23.68	23.70	23.61		
20	QPSK	1	99	23.66	23.68	23.69		
20	QPSK	50	0	22.72	22.82	22.72	24.5	1
20	QPSK	50	24	22.72	22.70	22.64		
20	QPSK	50	50	22.66	22.73	22.65		
20	QPSK	100	0	22.73	22.81	22.73		
20	16QAM	1	0	22.74	22.78	22.75	24.5	1
20	16QAM	1	49	22.68	22.69	22.63		
20	16QAM	1	99	22.67	22.70	22.72		
20	16QAM	50	0	21.71	21.85	21.73	23.5	2
20	16QAM	50	24	21.67	21.75	21.66		
20	16QAM	50	50	21.62	21.74	21.69		
20	16QAM	100	0	21.73	21.80	21.67		
20	64QAM	1	0	21.74	21.79	21.73	23.5	2
20	64QAM	1	49	21.68	21.75	21.66		
20	64QAM	1	99	21.66	21.74	21.72		
20	64QAM	50	0	20.74	20.84	20.75	22.5	3
20	64QAM	50	24	20.72	20.66	20.62		
20	64QAM	50	50	20.65	20.74	20.67		
20	64QAM	100	0	20.67	20.79	20.72		
20	256QAM	1	0	18.71	18.84	18.75	20.5	5
20	256QAM	1	49	18.71	18.71	18.62		
20	256QAM	1	99	18.68	18.78	18.61		
20	256QAM	50	0	18.75	18.80	18.76	20.5	5
20	256QAM	50	24	18.79	18.74	18.81		
20	256QAM	50	50	18.69	18.71	18.65		
20	256QAM	100	0	18.68	18.66	18.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.65	23.68	23.63	25.5	0
15	QPSK	1	37	23.64	23.67	23.53		
15	QPSK	1	74	23.58	23.62	23.62		
15	QPSK	36	0	22.62	22.76	22.70	24.5	1
15	QPSK	36	20	22.66	22.60	22.61		
15	QPSK	36	39	22.58	22.69	22.57		
15	QPSK	75	0	22.61	22.72	22.67		
15	16QAM	1	0	22.66	22.70	22.72	24.5	1
15	16QAM	1	37	22.59	22.60	22.58		
15	16QAM	1	74	22.60	22.66	22.68		
15	16QAM	36	0	21.60	21.74	21.69	23.5	2
15	16QAM	36	20	21.58	21.62	21.56		
15	16QAM	36	39	21.52	21.69	21.66		
15	16QAM	75	0	21.69	21.69	21.65		
15	64QAM	1	0	21.62	21.74	21.62	23.5	2
15	64QAM	1	37	21.63	21.67	21.53		
15	64QAM	1	74	21.58	21.70	21.70		
15	64QAM	36	0	20.67	20.81	20.64	22.5	3
15	64QAM	36	20	20.62	20.56	20.52		
15	64QAM	36	39	20.55	20.62	20.61		
15	64QAM	75	0	20.64	20.67	20.59		
15	256QAM	1	0	18.58	18.75	18.61	20.5	5
15	256QAM	1	37	18.59	18.67	18.51		
15	256QAM	1	74	18.57	18.65	18.57		
15	256QAM	36	0	18.64	18.76	18.64	20.5	5
15	256QAM	36	20	18.66	18.67	18.76		
15	256QAM	36	39	18.55	18.60	18.53		
15	256QAM	75	0	18.63	18.63	18.65		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.60	23.73	23.61	25.5	0
10	QPSK	1	25	23.62	23.56	23.55		
10	QPSK	1	49	23.60	23.60	23.56		
10	QPSK	25	0	22.67	22.76	22.67	24.5	1
10	QPSK	25	12	22.64	22.59	22.52		
10	QPSK	25	25	22.64	22.61	22.57		
10	QPSK	50	0	22.63	22.79	22.67		
10	16QAM	1	0	22.65	22.72	22.68	24.5	1
10	16QAM	1	25	22.62	22.62	22.51		
10	16QAM	1	49	22.65	22.64	22.68		
10	16QAM	25	0	21.68	21.81	21.67	23.5	2
10	16QAM	25	12	21.64	21.62	21.61		
10	16QAM	25	25	21.55	21.63	21.64		
10	16QAM	50	0	21.69	21.68	21.59		
10	64QAM	1	0	21.61	21.71	21.66	23.5	2
10	64QAM	1	25	21.56	21.64	21.54		
10	64QAM	1	49	21.62	21.69	21.68		
10	64QAM	25	0	20.70	20.71	20.71	22.5	3
10	64QAM	25	12	20.65	20.56	20.60		
10	64QAM	25	25	20.58	20.64	20.54		
10	64QAM	50	0	20.58	20.76	20.61		
10	256QAM	1	0	18.65	18.81	18.62	20.5	5
10	256QAM	1	25	18.64	18.60	18.52		
10	256QAM	1	49	18.59	18.66	18.50		
10	256QAM	25	0	18.64	18.66	18.66	20.5	5
10	256QAM	25	12	18.70	18.69	18.67		
10	256QAM	25	25	18.65	18.59	18.57		
10	256QAM	50	0	18.62	18.60	18.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.67	23.63	23.57	25.5	0
5	QPSK	1	12	23.64	23.64	23.58		
5	QPSK	1	24	23.55	23.58	23.57		
5	QPSK	12	0	22.68	22.72	22.63	24.5	1
5	QPSK	12	7	22.63	22.57	22.57		
5	QPSK	12	13	22.59	22.67	22.60		
5	QPSK	25	0	22.67	22.70	22.64		
5	16QAM	1	0	22.66	22.69	22.72	24.5	1
5	16QAM	1	12	22.64	22.63	22.56		
5	16QAM	1	24	22.59	22.63	22.60		
5	16QAM	12	0	21.65	21.77	21.67	23.5	2
5	16QAM	12	7	21.64	21.70	21.53		
5	16QAM	12	13	21.52	21.69	21.60		
5	16QAM	25	0	21.70	21.78	21.61		
5	64QAM	1	0	21.65	21.67	21.66	23.5	2
5	64QAM	1	12	21.60	21.62	21.53		
5	64QAM	1	24	21.60	21.69	21.59		
5	64QAM	12	0	20.67	20.79	20.63	22.5	3
5	64QAM	12	7	20.67	20.56	20.56		
5	64QAM	12	13	20.60	20.67	20.57		
5	64QAM	25	0	20.57	20.69	20.69		
5	256QAM	1	0	18.60	18.71	18.73	20.5	5
5	256QAM	1	12	18.59	18.64	18.55		
5	256QAM	1	24	18.61	18.73	18.62		
5	256QAM	12	0	18.66	18.67	18.63	20.5	5
5	256QAM	12	7	18.71	18.63	18.68		
5	256QAM	12	13	18.66	18.63	18.59		
5	256QAM	25	0	18.58	18.55	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.09	24.13	24.01	25	0
20	QPSK	1	49	24.02	24.08	23.99		
20	QPSK	1	99	24.01	24.02	23.88		
20	QPSK	50	0	23.09	23.18	23.04	24	1
20	QPSK	50	24	23.05	23.12	22.96		
20	QPSK	50	50	23.05	23.02	22.87		
20	QPSK	100	0	23.11	23.15	23.00		
20	16QAM	1	0	23.04	23.11	23.04	24	1
20	16QAM	1	49	22.97	23.11	23.03		
20	16QAM	1	99	22.99	22.98	22.91		
20	16QAM	50	0	22.10	22.20	22.08	23	2
20	16QAM	50	24	22.00	22.13	21.94		
20	16QAM	50	50	22.10	21.97	21.89		
20	16QAM	100	0	22.16	22.18	21.97		
20	64QAM	1	0	21.99	22.05	22.01	23	2
20	64QAM	1	49	21.94	22.10	21.99		
20	64QAM	1	99	21.96	21.99	21.96		
20	64QAM	50	0	21.04	21.17	21.08	22	3
20	64QAM	50	24	21.10	21.16	20.91		
20	64QAM	50	50	21.08	20.96	20.92		
20	64QAM	100	0	21.10	21.12	20.96		
20	256QAM	1	0	19.03	19.22	19.02	20	5
20	256QAM	1	49	19.01	19.11	18.97		
20	256QAM	1	99	19.03	19.04	18.83		
20	256QAM	50	0	19.17	19.13	18.97	20	5
20	256QAM	50	24	18.99	19.14	19.04		
20	256QAM	50	50	19.02	19.08	19.06		
20	256QAM	100	0	19.02	18.93	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.00	24.04	23.94	25	0
15	QPSK	1	37	23.89	23.97	23.88		
15	QPSK	1	74	23.94	23.98	23.79		
15	QPSK	36	0	23.03	23.13	23.00	24	1
15	QPSK	36	20	22.98	22.98	22.87		
15	QPSK	36	39	22.91	22.96	22.81		
15	QPSK	75	0	23.04	23.05	22.91		
15	16QAM	1	0	22.96	22.98	22.97	24	1
15	16QAM	1	37	22.86	23.06	22.94		
15	16QAM	1	74	22.96	22.86	22.84		
15	16QAM	36	0	22.04	22.14	21.98	23	2
15	16QAM	36	20	21.87	22.05	21.80		
15	16QAM	36	39	22.04	21.85	21.83		
15	16QAM	75	0	22.06	22.04	21.93		
15	64QAM	1	0	21.94	22.02	21.93	23	2
15	64QAM	1	37	21.88	22.03	21.93		
15	64QAM	1	74	21.91	21.93	21.90		
15	64QAM	36	0	20.91	21.07	20.97	22	3
15	64QAM	36	20	21.06	21.03	20.80		
15	64QAM	36	39	20.97	20.85	20.84		
15	64QAM	75	0	20.99	21.01	20.85		
15	256QAM	1	0	18.90	19.19	18.94	20	5
15	256QAM	1	37	18.89	19.02	18.88		
15	256QAM	1	74	18.92	18.99	18.72		
15	256QAM	36	0	19.07	19.09	18.89	20	5
15	256QAM	36	20	18.89	19.09	18.97		
15	256QAM	36	39	18.97	19.02	19.01		
15	256QAM	75	0	18.91	18.90	18.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.96	24.04	23.91	25	0
10	QPSK	1	25	23.99	23.95	23.89		
10	QPSK	1	49	23.91	23.89	23.83		
10	QPSK	25	0	22.97	23.12	23.00	24	1
10	QPSK	25	12	22.99	23.07	22.86		
10	QPSK	25	25	23.00	22.91	22.80		
10	QPSK	50	0	23.02	23.04	22.87		
10	16QAM	1	0	23.00	23.02	23.00	24	1
10	16QAM	1	25	22.92	23.01	22.97		
10	16QAM	1	49	22.93	22.86	22.80		
10	16QAM	25	0	22.02	22.06	22.06	23	2
10	16QAM	25	12	21.97	22.05	21.90		
10	16QAM	25	25	22.01	21.89	21.86		
10	16QAM	50	0	22.05	22.15	21.84		
10	64QAM	1	0	21.97	22.02	21.89	23	2
10	64QAM	1	25	21.86	22.04	21.88		
10	64QAM	1	49	21.90	21.90	21.93		
10	64QAM	25	0	21.00	21.14	20.98	22	3
10	64QAM	25	12	21.00	21.12	20.89		
10	64QAM	25	25	20.97	20.93	20.90		
10	64QAM	50	0	21.03	21.07	20.91		
10	256QAM	1	0	18.91	19.09	18.90	20	5
10	256QAM	1	25	18.87	19.04	18.89		
10	256QAM	1	49	18.96	18.95	18.72		
10	256QAM	25	0	19.07	19.01	18.89	20	5
10	256QAM	25	12	18.96	19.10	18.99		
10	256QAM	25	25	18.93	19.02	18.97		
10	256QAM	50	0	18.89	18.84	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.98	23.99	23.94	25	0
5	QPSK	1	12	23.97	24.02	23.91		
5	QPSK	1	24	23.98	23.98	23.78		
5	QPSK	12	0	23.02	23.07	22.94	24	1
5	QPSK	12	7	22.92	23.04	22.93		
5	QPSK	12	13	22.92	22.97	22.76		
5	QPSK	25	0	23.07	23.12	22.95		
5	16QAM	1	0	23.02	23.03	22.98	24	1
5	16QAM	1	12	22.83	22.99	22.92		
5	16QAM	1	24	22.87	22.92	22.78		
5	16QAM	12	0	22.03	22.16	22.00	23	2
5	16QAM	12	7	21.89	22.00	21.85		
5	16QAM	12	13	22.00	21.92	21.79		
5	16QAM	25	0	22.11	22.09	21.93		
5	64QAM	1	0	21.91	22.00	21.91	23	2
5	64QAM	1	12	21.87	22.07	21.90		
5	64QAM	1	24	21.84	21.93	21.91		
5	64QAM	12	0	20.94	21.05	20.96	22	3
5	64QAM	12	7	21.07	21.06	20.80		
5	64QAM	12	13	21.03	20.93	20.89		
5	64QAM	25	0	20.98	21.00	20.82		
5	256QAM	1	0	18.92	19.13	18.93	20	5
5	256QAM	1	12	18.92	19.05	18.91		
5	256QAM	1	24	18.89	19.01	18.77		
5	256QAM	12	0	19.15	19.07	18.94	20	5
5	256QAM	12	7	18.91	19.11	18.98		
5	256QAM	12	13	18.91	19.05	19.02		
5	256QAM	25	0	18.91	18.89	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.02	23.89	25	0
3	QPSK	1	8	23.93	24.04	23.95		
3	QPSK	1	14	23.93	23.99	23.85		
3	QPSK	8	0	23.04	23.14	22.93	24	1
3	QPSK	8	4	22.99	23.04	22.83		
3	QPSK	8	7	22.94	22.94	22.80		
3	QPSK	15	0	23.00	23.07	22.94		
3	16QAM	1	0	22.92	23.05	22.96	24	1
3	16QAM	1	8	22.86	23.04	22.94		
3	16QAM	1	14	22.87	22.95	22.82		
3	16QAM	8	0	22.06	22.16	22.05	23	2
3	16QAM	8	4	21.92	22.07	21.85		
3	16QAM	8	7	22.02	21.89	21.77		
3	16QAM	15	0	22.12	22.11	21.90		
3	64QAM	1	0	21.86	21.99	21.96	23	2
3	64QAM	1	8	21.89	22.06	21.90		
3	64QAM	1	14	21.86	21.96	21.92		
3	64QAM	8	0	21.00	21.14	21.00	22	3
3	64QAM	8	4	20.98	21.14	20.82		
3	64QAM	8	7	21.02	20.83	20.85		
3	64QAM	15	0	21.01	21.10	20.85		
3	256QAM	1	0	18.91	19.11	18.99	20	5
3	256QAM	1	8	18.97	19.00	18.90		
3	256QAM	1	14	18.94	18.93	18.73		
3	256QAM	8	0	19.08	19.11	18.83	20	5
3	256QAM	8	4	18.94	19.04	18.99		
3	256QAM	8	7	18.99	18.95	18.93		
3	256QAM	15	0	18.92	18.82	18.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.02	24.02	23.98	25	0
1.4	QPSK	1	3	23.93	24.05	23.91		
1.4	QPSK	1	5	23.93	23.90	23.81		
1.4	QPSK	3	0	24.00	23.89	23.94		
1.4	QPSK	3	1	23.82	24.02	23.81		
1.4	QPSK	3	3	23.87	23.76	23.74		
1.4	QPSK	6	0	23.03	23.07	22.96	24	1
1.4	16QAM	1	0	22.99	23.07	22.96	24	1
1.4	16QAM	1	3	22.89	23.01	22.98		
1.4	16QAM	1	5	22.95	22.87	22.83		
1.4	16QAM	3	0	23.00	23.01	22.92		
1.4	16QAM	3	1	22.87	23.00	22.94		
1.4	16QAM	3	3	22.81	22.94	22.86		
1.4	16QAM	6	0	22.03	22.08	21.83	23	2
1.4	64QAM	1	0	21.85	21.98	21.91	23	2
1.4	64QAM	1	3	21.84	22.01	21.92		
1.4	64QAM	1	5	21.86	21.92	21.86		
1.4	64QAM	3	0	21.99	22.06	21.81		
1.4	64QAM	3	1	21.73	21.85	21.78		
1.4	64QAM	3	3	21.77	21.90	21.79		
1.4	64QAM	6	0	20.96	21.03	20.93	22	3
1.4	256QAM	1	0	18.91	19.13	18.91	20	5
1.4	256QAM	1	3	18.97	19.06	18.85		
1.4	256QAM	1	5	18.94	18.91	18.76		
1.4	256QAM	3	0	19.07	19.00	18.84		
1.4	256QAM	3	1	18.88	19.03	18.97		
1.4	256QAM	3	3	18.88	18.99	18.96		
1.4	256QAM	6	0	18.98	18.91	18.86	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.05	25	0
20	QPSK	1	49	23.88	24.05	23.98		
20	QPSK	1	99	23.91	24.00	23.96		
20	QPSK	50	0	22.97	23.12	23.00	24	1
20	QPSK	50	24	22.87	22.99	23.00		
20	QPSK	50	50	22.96	22.95	23.00		
20	QPSK	100	0	23.03	23.10	23.05		
20	16QAM	1	0	22.96	23.07	23.05	24	1
20	16QAM	1	49	22.90	23.03	23.00		
20	16QAM	1	99	22.86	22.98	22.98		
20	16QAM	50	0	21.99	22.12	22.00	23	2
20	16QAM	50	24	21.85	21.95	22.04		
20	16QAM	50	50	21.90	21.92	21.95		
20	16QAM	100	0	22.01	22.02	22.05		
20	64QAM	1	0	21.98	22.05	21.99	23	2
20	64QAM	1	49	21.91	22.02	22.05		
20	64QAM	1	99	21.84	21.98	21.95		
20	64QAM	50	0	20.99	21.11	21.05	22	3
20	64QAM	50	24	20.90	21.00	21.05		
20	64QAM	50	50	20.91	20.89	20.96		
20	64QAM	100	0	21.03	21.11	21.09		
20	256QAM	1	0	18.99	19.18	18.99	20	5
20	256QAM	1	49	18.85	19.00	19.00		
20	256QAM	1	99	18.99	18.99	19.06		
20	256QAM	50	0	19.00	19.09	19.15	20	5
20	256QAM	50	24	19.01	19.02	19.09		
20	256QAM	50	50	18.92	19.00	18.98		
20	256QAM	100	0	18.83	18.96	18.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.89	24.08	24.02	25	0
15	QPSK	1	37	23.77	23.91	23.86		
15	QPSK	1	74	23.82	23.91	23.87		
15	QPSK	36	0	22.93	22.99	22.94	24	1
15	QPSK	36	20	22.84	22.92	22.91		
15	QPSK	36	39	22.89	22.82	22.94		
15	QPSK	75	0	23.00	22.99	23.00		
15	16QAM	1	0	22.84	22.97	22.99	24	1
15	16QAM	1	37	22.84	22.91	22.95		
15	16QAM	1	74	22.82	22.90	22.92		
15	16QAM	36	0	21.97	22.03	21.97	23	2
15	16QAM	36	20	21.82	21.89	21.93		
15	16QAM	36	39	21.84	21.90	21.89		
15	16QAM	75	0	21.87	21.92	21.94		
15	64QAM	1	0	21.95	21.94	21.87	23	2
15	64QAM	1	37	21.83	21.94	21.98		
15	64QAM	1	74	21.77	21.86	21.93		
15	64QAM	36	0	20.88	21.08	20.99	22	3
15	64QAM	36	20	20.81	20.95	20.91		
15	64QAM	36	39	20.88	20.80	20.87		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	18.86	19.12	18.94	20	5
15	256QAM	1	37	18.72	18.92	18.86		
15	256QAM	1	74	18.88	18.94	18.96		
15	256QAM	36	0	18.89	19.01	19.02	20	5
15	256QAM	36	20	18.92	18.94	19.04		
15	256QAM	36	39	18.81	18.97	18.85		
15	256QAM	75	0	18.75	18.90	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.95	24.00	24.00	25	0
10	QPSK	1	25	23.76	24.02	23.85		
10	QPSK	1	49	23.82	23.94	23.84		
10	QPSK	25	0	22.85	22.98	22.88	24	1
10	QPSK	25	12	22.81	22.90	22.88		
10	QPSK	25	25	22.94	22.82	22.88		
10	QPSK	50	0	23.00	23.00	22.97		
10	16QAM	1	0	22.92	23.00	23.00	24	1
10	16QAM	1	25	22.81	22.91	22.87		
10	16QAM	1	49	22.78	22.93	22.91		
10	16QAM	25	0	21.87	22.06	21.89	23	2
10	16QAM	25	12	21.81	21.89	21.95		
10	16QAM	25	25	21.81	21.87	21.87		
10	16QAM	50	0	21.90	21.99	22.02		
10	64QAM	1	0	21.85	21.99	21.96	23	2
10	64QAM	1	25	21.80	21.88	22.00		
10	64QAM	1	49	21.75	21.91	21.86		
10	64QAM	25	0	20.87	21.07	20.95	22	3
10	64QAM	25	12	20.81	20.92	20.95		
10	64QAM	25	25	20.82	20.82	20.89		
10	64QAM	50	0	20.92	21.00	20.97		
10	256QAM	1	0	18.85	19.12	18.95	20	5
10	256QAM	1	25	18.76	18.88	18.92		
10	256QAM	1	49	18.96	18.95	18.94		
10	256QAM	25	0	18.92	18.99	19.08	20	5
10	256QAM	25	12	18.97	18.88	19.04		
10	256QAM	25	25	18.81	18.97	18.87		
10	256QAM	50	0	18.70	18.94	18.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.90	24.04	24.01	25	0
5	QPSK	1	12	23.84	23.96	23.90		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.94	23.03	22.91	24	1
5	QPSK	12	7	22.79	22.92	22.88		
5	QPSK	12	13	22.84	22.85	22.96		
5	QPSK	25	0	23.01	22.97	23.02		
5	16QAM	1	0	22.89	22.95	23.00	24	1
5	16QAM	1	12	22.80	22.92	22.88		
5	16QAM	1	24	22.78	22.96	22.90		
5	16QAM	12	0	21.86	22.06	21.88	23	2
5	16QAM	12	7	21.80	21.85	21.90		
5	16QAM	12	13	21.83	21.86	21.82		
5	16QAM	25	0	21.95	21.97	22.01		
5	64QAM	1	0	21.94	21.92	21.92	23	2
5	64QAM	1	12	21.86	21.96	21.99		
5	64QAM	1	24	21.72	21.95	21.82		
5	64QAM	12	0	20.90	21.08	20.95	22	3
5	64QAM	12	7	20.80	20.93	20.99		
5	64QAM	12	13	20.87	20.84	20.92		
5	64QAM	25	0	20.97	21.05	21.07		
5	256QAM	1	0	18.94	19.10	18.90	20	5
5	256QAM	1	12	18.76	18.97	18.91		
5	256QAM	1	24	18.87	18.96	18.98		
5	256QAM	12	0	18.96	18.99	19.10	20	5
5	256QAM	12	7	18.96	18.89	19.00		
5	256QAM	12	13	18.83	18.90	18.95		
5	256QAM	25	0	18.72	18.88	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.02	24.09	24.10	24.06	24.02	25	0
20	QPSK	1	49	23.88	24.05	24.08	23.95	23.96		
20	QPSK	1	99	23.93	23.95	24.04	23.95	23.94		
20	QPSK	50	0	23.02	23.09	23.14	23.06	23.03	24	1
20	QPSK	50	24	22.85	23.05	23.09	23.00	22.95		
20	QPSK	50	50	22.92	22.98	23.06	22.97	22.93		
20	QPSK	100	0	23.08	23.05	23.09	23.08	23.01		
20	16QAM	1	0	23.06	23.12	23.05	23.07	23.06	24	1
20	16QAM	1	49	22.93	23.02	23.07	22.98	23.01		
20	16QAM	1	99	22.90	22.92	23.09	22.98	22.96		
20	16QAM	50	0	22.08	22.03	22.16	22.04	22.05	23	2
20	16QAM	50	24	21.84	22.00	22.06	22.05	21.99		
20	16QAM	50	50	21.88	21.99	22.12	22.02	21.88		
20	16QAM	100	0	22.05	22.00	22.13	22.12	22.05		
20	64QAM	1	0	22.04	22.14	22.02	22.08	22.09	23	2
20	64QAM	1	49	21.90	22.01	22.09	21.95	22.05		
20	64QAM	1	99	21.91	21.95	22.13	21.95	21.94		
20	64QAM	50	0	21.03	21.15	21.19	21.06	21.07	22	3
20	64QAM	50	24	20.90	21.06	21.15	21.04	20.89		
20	64QAM	50	50	20.93	20.95	21.01	21.01	20.99		
20	64QAM	100	0	21.14	21.02	21.10	21.12	20.98		
20	256QAM	1	0	19.07	19.13	19.18	19.05	19.07	20	5
20	256QAM	1	49	18.89	19.05	19.12	19.04	18.95		
20	256QAM	1	99	18.92	19.03	19.03	18.98	18.88		
20	256QAM	50	0	19.09	19.08	19.08	19.08	19.02	20	5
20	256QAM	50	24	19.04	19.11	19.03	19.07	19.10		
20	256QAM	50	50	18.89	19.03	19.04	19.04	19.00		
20	256QAM	100	0	18.93	18.91	19.10	18.99	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.06	24.06	24.04	23.98	25.00	0
15	QPSK	1	37	23.79	23.96	23.97	23.81	23.88		
15	QPSK	1	74	23.86	23.91	24.00	23.83	23.89		
15	QPSK	36	0	22.92	23.02	23.03	22.94	22.97	24	1
15	QPSK	36	20	22.74	22.93	23.00	22.90	22.83		
15	QPSK	36	39	22.89	22.90	22.95	22.93	22.79		
15	QPSK	75	0	22.99	23.02	22.96	23.04	22.87		
15	16QAM	1	0	22.95	23.04	22.92	23.00	22.92	24	1
15	16QAM	1	37	22.84	22.91	22.97	22.92	22.93		
15	16QAM	1	74	22.81	22.86	23.03	22.87	22.88		
15	16QAM	36	0	22.01	21.94	22.09	21.93	21.92	23	2
15	16QAM	36	20	21.71	21.93	21.96	21.92	21.96		
15	16QAM	36	39	21.85	21.94	22.06	21.98	21.85		
15	16QAM	75	0	21.97	21.86	22.10	22.09	21.91		
15	64QAM	1	0	22.00	22.01	21.98	22.01	22.02	23	2
15	64QAM	1	37	21.80	21.94	22.06	21.84	21.95		
15	64QAM	1	74	21.81	21.83	22.06	21.81	21.85		
15	64QAM	36	0	21.00	21.07	21.08	20.93	20.95	22	3
15	64QAM	36	20	20.80	20.95	21.01	20.93	20.80		
15	64QAM	36	39	20.84	20.91	20.92	20.88	20.88		
15	64QAM	75	0	21.05	20.88	21.00	21.04	20.87		
15	256QAM	1	0	19.00	19.03	19.07	18.93	19.00	20	5
15	256QAM	1	37	18.87	19.00	19.08	18.93	18.88		
15	256QAM	1	74	18.88	19.00	18.95	18.90	18.79		
15	256QAM	36	0	19.05	19.02	19.02	18.96	18.99	20	5
15	256QAM	36	20	19.02	18.99	18.92	18.94	19.06		
15	256QAM	36	39	18.80	18.97	18.94	19.00	18.89		
15	256QAM	75	0	18.82	18.89	18.97	18.85	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.99	24.06	23.99	23.91	25.00	0
10	QPSK	1	25	23.82	23.91	23.95	23.90	23.86		
10	QPSK	1	49	23.84	23.91	23.98	23.92	23.83		
10	QPSK	25	0	22.91	23.02	23.04	22.92	22.96	24	1
10	QPSK	25	12	22.72	23.01	22.99	22.93	22.88		
10	QPSK	25	25	22.87	22.90	22.98	22.84	22.89		
10	QPSK	50	0	23.04	22.92	23.00	22.95	22.95		
10	16QAM	1	0	22.93	23.04	22.95	23.04	23.00	24	1
10	16QAM	1	25	22.83	22.90	23.03	22.88	22.97		
10	16QAM	1	49	22.87	22.87	23.02	22.86	22.84		
10	16QAM	25	0	22.05	21.93	22.09	21.90	21.91	23	2
10	16QAM	25	12	21.80	21.88	21.99	21.99	21.95		
10	16QAM	25	25	21.85	21.90	22.02	21.98	21.79		
10	16QAM	50	0	21.93	21.88	22.09	22.09	21.97		
10	64QAM	1	0	21.99	22.01	21.89	21.98	22.00	23	2
10	64QAM	1	25	21.79	21.92	22.06	21.83	21.97		
10	64QAM	1	49	21.77	21.89	22.03	21.92	21.92		
10	64QAM	25	0	20.91	21.06	21.16	21.03	21.00	22	3
10	64QAM	25	12	20.79	21.03	21.11	20.93	20.84		
10	64QAM	25	25	20.84	20.93	20.89	20.98	20.92		
10	64QAM	50	0	21.11	20.89	21.03	21.05	20.90		
10	256QAM	1	0	18.93	19.00	19.14	19.03	18.95	20	5
10	256QAM	1	25	18.85	18.98	19.03	18.92	18.93		
10	256QAM	1	49	18.81	18.95	18.90	18.96	18.84		
10	256QAM	25	0	19.02	19.00	19.02	19.05	18.97	20	5
10	256QAM	25	12	18.92	18.98	18.95	19.05	19.02		
10	256QAM	25	25	18.85	18.97	18.95	18.91	18.90		
10	256QAM	50	0	18.84	18.87	19.02	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	23.96	24.06	23.95	23.94	25.00	0
5	QPSK	1	12	23.75	23.91	24.05	23.84	23.86		
5	QPSK	1	24	23.88	23.85	23.97	23.88	23.83		
5	QPSK	12	0	22.94	23.01	23.06	22.93	22.99	24	1
5	QPSK	12	7	22.76	22.92	23.02	22.93	22.91		
5	QPSK	12	13	22.82	22.95	22.95	22.84	22.85		
5	QPSK	25	0	23.05	22.94	22.99	22.97	22.95		
5	16QAM	1	0	23.04	23.03	22.91	22.94	23.01	24	1
5	16QAM	1	12	22.83	22.88	22.98	22.86	22.91		
5	16QAM	1	24	22.87	22.85	23.01	22.87	22.91		
5	16QAM	12	0	22.05	21.99	22.13	21.96	22.02	23	2
5	16QAM	12	7	21.75	21.95	21.93	21.92	21.86		
5	16QAM	12	13	21.84	21.87	22.02	21.97	21.82		
5	16QAM	25	0	21.99	21.95	22.03	22.06	21.94		
5	64QAM	1	0	21.93	22.07	21.95	22.05	22.05	23	2
5	64QAM	1	12	21.83	21.98	21.96	21.91	21.96		
5	64QAM	1	24	21.82	21.83	22.08	21.83	21.86		
5	64QAM	12	0	20.90	21.03	21.09	20.96	20.95	22	3
5	64QAM	12	7	20.85	20.92	21.06	20.99	20.86		
5	64QAM	12	13	20.83	20.89	20.96	20.97	20.93		
5	64QAM	25	0	21.09	20.93	21.07	21.06	20.89		
5	256QAM	1	0	19.00	19.03	19.15	18.95	18.97	20	5
5	256QAM	1	12	18.84	18.93	18.99	18.99	18.87		
5	256QAM	1	24	18.79	18.98	18.94	18.90	18.86		
5	256QAM	12	0	18.98	19.01	19.03	18.96	18.92	20	5
5	256QAM	12	7	18.94	19.02	18.98	18.94	19.07		
5	256QAM	12	13	18.87	18.95	18.96	18.92	18.96		
5	256QAM	25	0	18.83	18.87	19.06	18.96	18.85		

GSM1900 Ant4 DSI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.52	27.60	27.57	29.00	18.52	18.60	18.57	20.00
GPRS 1 Tx slot	27.45	27.54	27.55	29.00	18.45	18.54	18.55	20.00
GPRS 2 Tx slots	24.48	24.58	24.47	26.00	18.48	18.58	18.47	20.00
GPRS 3 Tx slots	22.50	22.61	22.56	24.20	18.24	18.35	18.30	19.94
GPRS 4 Tx slots	21.36	21.45	21.38	23.00	18.36	18.45	18.38	20.00
EDGE 1 Tx slot	23.46	23.47	23.43	24.50	14.46	14.47	14.43	15.50
EDGE 2 Tx slots	20.19	20.25	20.19	21.50	14.19	14.25	14.19	15.50
EDGE 3 Tx slots	18.55	18.65	18.65	19.70	14.29	14.39	14.39	15.44
EDGE 4 Tx slots	16.75	16.86	16.86	18.50	13.75	13.86	13.86	15.50

Band		WCDMA II Ant4 DSI1			Tune-up Limit (dBm)	WCDMA IV Ant4 DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.97	16.96	17.01	18.00	16.98	17.07	16.99	18.00
3GPP Rel 99	RMC 12.2Kbps	17.11	17.20	17.19	18.00	17.08	17.13	17.07	18.00
3GPP Rel 6	HSDPA Subtest-1	15.98	16.15	16.21	17.00	15.96	16.07	16.16	17.00
3GPP Rel 6	HSDPA Subtest-2	16.16	16.18	16.16	17.00	16.04	16.07	16.12	17.00
3GPP Rel 6	HSDPA Subtest-3	15.50	15.61	15.64	16.50	15.39	15.61	15.62	16.50
3GPP Rel 6	HSDPA Subtest-4	15.50	15.67	15.60	16.50	15.53	15.71	15.61	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.04	16.12	16.15	17.00	16.02	16.02	16.11	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.08	16.11	16.10	17.00	16.12	16.09	16.17	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.69	15.63	16.50	15.54	15.62	15.62	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.64	15.66	15.72	16.50	15.61	15.62	15.66	16.50
3GPP Rel 6	HSUPA Subtest-1	16.14	16.05	16.07	17.00	16.01	16.03	16.15	17.00
3GPP Rel 6	HSUPA Subtest-2	13.97	14.11	14.19	15.00	13.89	14.10	14.10	15.00
3GPP Rel 6	HSUPA Subtest-3	15.04	15.14	15.07	16.00	15.01	15.19	15.01	16.00
3GPP Rel 6	HSUPA Subtest-4	13.97	14.18	14.09	15.00	13.94	14.13	14.02	15.00
3GPP Rel 6	HSUPA Subtest-5	16.02	16.16	16.09	17.00	16.01	16.18	16.06	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.55	13.69	13.74	14.50	13.58	13.59	13.55	14.50

Band 2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.41	17.53	17.39	18.5	0
20	QPSK	1	49	17.36	17.48	17.41		
20	QPSK	1	99	17.42	17.46	17.40		
20	QPSK	50	0	17.42	17.48	17.35	18.5	0
20	QPSK	50	24	17.39	17.35	17.42		
20	QPSK	50	50	17.39	17.47	17.39		
20	QPSK	100	0	17.35	17.39	17.35		
20	16QAM	1	0	17.44	17.38	17.34	18.5	0
20	16QAM	1	49	17.44	17.44	17.44		
20	16QAM	1	99	17.42	17.41	17.39		
20	16QAM	50	0	17.41	17.44	17.32	18.5	0
20	16QAM	50	24	17.42	17.44	17.33		
20	16QAM	50	50	17.38	17.46	17.33		
20	16QAM	100	0	17.42	17.39	17.33		
20	64QAM	1	0	17.40	17.39	17.42	18.5	0
20	64QAM	1	49	17.37	17.45	17.33		
20	64QAM	1	99	17.44	17.40	17.36		
20	64QAM	50	0	17.41	17.41	17.40	18.5	0
20	64QAM	50	24	17.44	17.49	17.43		
20	64QAM	50	50	17.44	17.44	17.35		
20	64QAM	100	0	17.45	17.43	17.39		
20	256QAM	1	0	17.35	17.40	17.40	18.5	0
20	256QAM	1	49	17.41	17.45	17.41		
20	256QAM	1	99	17.43	17.49	17.42		
20	256QAM	50	0	17.35	17.46	17.43	18.5	0
20	256QAM	50	24	17.41	17.49	17.34		
20	256QAM	50	50	17.42	17.39	17.35		
20	256QAM	100	0	17.44	17.46	17.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.29	17.35	17.35	18.5	0
15	QPSK	1	37	17.30	17.37	17.36		
15	QPSK	1	74	17.33	17.35	17.30		
15	QPSK	36	0	17.27	17.28	17.28	18.5	0
15	QPSK	36	20	17.32	17.44	17.29		
15	QPSK	36	39	17.33	17.38	17.32		
15	QPSK	75	0	17.23	17.34	17.26		
15	16QAM	1	0	17.38	17.32	17.26	18.5	0
15	16QAM	1	37	17.34	17.33	17.37		
15	16QAM	1	74	17.29	17.32	17.33		
15	16QAM	36	0	17.28	17.36	17.22	18.5	0
15	16QAM	36	20	17.36	17.40	17.19		
15	16QAM	36	39	17.22	17.31	17.23		
15	16QAM	75	0	17.30	17.29	17.24		
15	64QAM	1	0	17.27	17.29	17.30	18.5	0
15	64QAM	1	37	17.31	17.40	17.19		
15	64QAM	1	74	17.33	17.32	17.24		
15	64QAM	36	0	17.25	17.30	17.32	18.5	0
15	64QAM	36	20	17.34	17.38	17.30		
15	64QAM	36	39	17.33	17.33	17.25		
15	64QAM	75	0	17.38	17.28	17.33		
15	256QAM	1	0	17.23	17.28	17.27	18.5	0
15	256QAM	1	37	17.28	17.39	17.28		
15	256QAM	1	74	17.38	17.45	17.29		
15	256QAM	36	0	17.22	17.39	17.39	18.5	0
15	256QAM	36	20	17.33	17.40	17.28		
15	256QAM	36	39	17.28	17.35	17.24		
15	256QAM	75	0	17.34	17.38	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.34	17.38	17.24	18.5	0
10	QPSK	1	25	17.29	17.38	17.32		
10	QPSK	1	49	17.35	17.40	17.30		
10	QPSK	25	0	17.33	17.32	17.21	18.5	0
10	QPSK	25	12	17.35	17.37	17.30		
10	QPSK	25	25	17.30	17.34	17.34		
10	QPSK	50	0	17.21	17.34	17.25		
10	16QAM	1	0	17.32	17.24	17.24	18.5	0
10	16QAM	1	25	17.33	17.38	17.34		
10	16QAM	1	49	17.28	17.35	17.31		
10	16QAM	25	0	17.27	17.32	17.26	18.5	0
10	16QAM	25	12	17.27	17.34	17.28		
10	16QAM	25	25	17.33	17.37	17.19		
10	16QAM	50	0	17.31	17.28	17.27		
10	64QAM	1	0	17.29	17.34	17.37	18.5	0
10	64QAM	1	25	17.26	17.33	17.18		
10	64QAM	1	49	17.33	17.26	17.23		
10	64QAM	25	0	17.31	17.36	17.33	18.5	0
10	64QAM	25	12	17.31	17.39	17.31		
10	64QAM	25	25	17.35	17.36	17.27		
10	64QAM	50	0	17.39	17.35	17.31		
10	256QAM	1	0	17.25	17.31	17.29	18.5	0
10	256QAM	1	25	17.28	17.33	17.28		
10	256QAM	1	49	17.31	17.41	17.31		
10	256QAM	25	0	17.25	17.37	17.29	18.5	0
10	256QAM	25	12	17.32	17.37	17.23		
10	256QAM	25	25	17.32	17.29	17.21		
10	256QAM	50	0	17.39	17.34	17.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.32	17.37	17.26	18.5	0
5	QPSK	1	12	17.29	17.38	17.34		
5	QPSK	1	24	17.36	17.39	17.34		
5	QPSK	12	0	17.27	17.24	17.20	18.5	0
5	QPSK	12	7	17.23	17.35	17.28		
5	QPSK	12	13	17.28	17.36	17.32		
5	QPSK	25	0	17.22	17.27	17.25		
5	16QAM	1	0	17.31	17.31	17.19	18.5	0
5	16QAM	1	12	17.39	17.36	17.39		
5	16QAM	1	24	17.28	17.32	17.26		
5	16QAM	12	0	17.25	17.39	17.17	18.5	0
5	16QAM	12	7	17.27	17.29	17.23		
5	16QAM	12	13	17.32	17.31	17.28		
5	16QAM	25	0	17.31	17.31	17.18		
5	64QAM	1	0	17.28	17.23	17.37	18.5	0
5	64QAM	1	12	17.28	17.30	17.27		
5	64QAM	1	24	17.39	17.33	17.27		
5	64QAM	12	0	17.33	17.34	17.34	18.5	0
5	64QAM	12	7	17.30	17.35	17.35		
5	64QAM	12	13	17.38	17.34	17.26		
5	64QAM	25	0	17.38	17.28	17.31		
5	256QAM	1	0	17.25	17.26	17.34	18.5	0
5	256QAM	1	12	17.27	17.33	17.28		
5	256QAM	1	24	17.37	17.34	17.31		
5	256QAM	12	0	17.25	17.34	17.32	18.5	0
5	256QAM	12	7	17.31	17.39	17.27		
5	256QAM	12	13	17.28	17.30	17.22		
5	256QAM	25	0	17.30	17.41	17.31		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.27	17.38	17.27	18.5	0
3	QPSK	1	8	17.22	17.41	17.30		
3	QPSK	1	14	17.36	17.35	17.29		
3	QPSK	8	0	17.32	17.32	17.19	18.5	0
3	QPSK	8	4	17.26	17.41	17.28		
3	QPSK	8	7	17.23	17.39	17.25		
3	QPSK	15	0	17.30	17.27	17.26		
3	16QAM	1	0	17.31	17.23	17.19	18.5	0
3	16QAM	1	8	17.37	17.28	17.31		
3	16QAM	1	14	17.38	17.32	17.30		
3	16QAM	8	0	17.29	17.34	17.16	18.5	0
3	16QAM	8	4	17.27	17.37	17.23		
3	16QAM	8	7	17.23	17.39	17.21		
3	16QAM	15	0	17.27	17.24	17.19		
3	64QAM	1	0	17.29	17.32	17.36	18.5	0
3	64QAM	1	8	17.33	17.37	17.20		
3	64QAM	1	14	17.37	17.29	17.26		
3	64QAM	8	0	17.30	17.35	17.30	18.5	0
3	64QAM	8	4	17.32	17.44	17.38		
3	64QAM	8	7	17.39	17.31	17.25		
3	64QAM	15	0	17.38	17.34	17.28		
3	256QAM	1	0	17.29	17.35	17.31	18.5	0
3	256QAM	1	8	17.36	17.29	17.32		
3	256QAM	1	14	17.38	17.37	17.36		
3	256QAM	8	0	17.28	17.37	17.32	18.5	0
3	256QAM	8	4	17.36	17.34	17.20		
3	256QAM	8	7	17.35	17.23	17.30		
3	256QAM	15	0	17.39	17.34	17.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.36	17.36	17.31	18.5	0
1.4	QPSK	1	3	17.22	17.43	17.31		
1.4	QPSK	1	5	17.31	17.31	17.26		
1.4	QPSK	3	0	17.27	17.29	17.19		
1.4	QPSK	3	1	17.28	17.39	17.35		
1.4	QPSK	3	3	17.23	17.33	17.34		
1.4	QPSK	6	0	17.29	17.25	17.31	18.5	0
1.4	16QAM	1	0	17.31	17.25	17.20	18.5	0
1.4	16QAM	1	3	17.40	17.29	17.39		
1.4	16QAM	1	5	17.33	17.32	17.34		
1.4	16QAM	3	0	17.34	17.34	17.18		
1.4	16QAM	3	1	17.35	17.32	17.20		
1.4	16QAM	3	3	17.27	17.41	17.28		
1.4	16QAM	6	0	17.36	17.27	17.26	18.5	0
1.4	64QAM	1	0	17.30	17.32	17.37	18.5	0
1.4	64QAM	1	3	17.25	17.40	17.28		
1.4	64QAM	1	5	17.32	17.35	17.30		
1.4	64QAM	3	0	17.37	17.34	17.32		
1.4	64QAM	3	1	17.40	17.35	17.30		
1.4	64QAM	3	3	17.31	17.39	17.23		
1.4	64QAM	6	0	17.37	17.30	17.25	18.5	0
1.4	256QAM	1	0	17.27	17.35	17.35	18.5	0
1.4	256QAM	1	3	17.36	17.39	17.36		
1.4	256QAM	1	5	17.28	17.43	17.33		
1.4	256QAM	3	0	17.25	17.31	17.37		
1.4	256QAM	3	1	17.31	17.38	17.19		
1.4	256QAM	3	3	17.38	17.27	17.25		
1.4	256QAM	6	0	17.38	17.37	17.21	18.5	0

Band 4 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.33	17.49	17.40	18.2	0
20	QPSK	1	49	17.28	17.34	17.37		
20	QPSK	1	99	17.27	17.39	17.34		
20	QPSK	50	0	17.29	17.41	17.37	18.2	0
20	QPSK	50	24	17.38	17.35	17.35		
20	QPSK	50	50	17.33	17.23	17.39		
20	QPSK	100	0	17.28	17.43	17.30		
20	16QAM	1	0	17.39	17.39	17.39	18.2	0
20	16QAM	1	49	17.34	17.37	17.30		
20	16QAM	1	99	17.34	17.36	17.32		
20	16QAM	50	0	17.36	17.34	17.38	18.2	0
20	16QAM	50	24	17.34	17.36	17.34		
20	16QAM	50	50	17.31	17.39	17.34		
20	16QAM	100	0	17.30	17.38	17.39		
20	64QAM	1	0	17.31	17.42	17.39	18.2	0
20	64QAM	1	49	17.36	17.43	17.35		
20	64QAM	1	99	17.35	17.37	17.40		
20	64QAM	50	0	17.39	17.37	17.29	18.2	0
20	64QAM	50	24	17.31	17.38	17.39		
20	64QAM	50	50	17.35	17.38	17.36		
20	64QAM	100	0	17.28	17.44	17.37		
20	256QAM	1	0	17.31	17.43	17.36	18.2	0
20	256QAM	1	49	17.38	17.33	17.34		
20	256QAM	1	99	17.28	17.42	17.39		
20	256QAM	50	0	17.30	17.36	17.30	18.2	0
20	256QAM	50	24	17.29	17.35	17.40		
20	256QAM	50	50	17.35	17.38	17.40		
20	256QAM	100	0	17.27	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.22	17.26	17.27	18.2	0
15	QPSK	1	37	17.19	17.22	17.27		
15	QPSK	1	74	17.16	17.29	17.21		
15	QPSK	36	0	17.22	17.20	17.30	18.2	0
15	QPSK	36	20	17.27	17.28	17.19		
15	QPSK	36	39	17.27	17.36	17.30		
15	QPSK	75	0	17.19	17.31	17.20		
15	16QAM	1	0	17.32	17.25	17.24	18.2	0
15	16QAM	1	37	17.25	17.24	17.21		
15	16QAM	1	74	17.18	17.25	17.19		
15	16QAM	36	0	17.30	17.25	17.31	18.2	0
15	16QAM	36	20	17.24	17.22	17.19		
15	16QAM	36	39	17.25	17.29	17.22		
15	16QAM	75	0	17.23	17.31	17.33		
15	64QAM	1	0	17.20	17.27	17.30	18.2	0
15	64QAM	1	37	17.27	17.38	17.29		
15	64QAM	1	74	17.22	17.28	17.28		
15	64QAM	36	0	17.28	17.32	17.23	18.2	0
15	64QAM	36	20	17.24	17.25	17.27		
15	64QAM	36	39	17.24	17.23	17.29		
15	64QAM	75	0	17.16	17.36	17.32		
15	256QAM	1	0	17.26	17.31	17.25	18.2	0
15	256QAM	1	37	17.34	17.22	17.23		
15	256QAM	1	74	17.24	17.28	17.25		
15	256QAM	36	0	17.21	17.21	17.23	18.2	0
15	256QAM	36	20	17.24	17.29	17.30		
15	256QAM	36	39	17.27	17.23	17.28		
15	256QAM	75	0	17.14	17.34	17.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.17	17.26	17.26	18.2	0
10	QPSK	1	25	17.21	17.25	17.27		
10	QPSK	1	49	17.20	17.24	17.20		
10	QPSK	25	0	17.17	17.24	17.31	18.2	0
10	QPSK	25	12	17.28	17.22	17.28		
10	QPSK	25	25	17.23	17.27	17.33		
10	QPSK	50	0	17.23	17.30	17.20		
10	16QAM	1	0	17.29	17.31	17.32	18.2	0
10	16QAM	1	25	17.21	17.23	17.22		
10	16QAM	1	49	17.29	17.26	17.17		
10	16QAM	25	0	17.22	17.25	17.31	18.2	0
10	16QAM	25	12	17.18	17.25	17.27		
10	16QAM	25	25	17.24	17.32	17.20		
10	16QAM	50	0	17.22	17.32	17.27		
10	64QAM	1	0	17.20	17.28	17.30	18.2	0
10	64QAM	1	25	17.31	17.28	17.24		
10	64QAM	1	49	17.23	17.23	17.35		
10	64QAM	25	0	17.34	17.21	17.23	18.2	0
10	64QAM	25	12	17.21	17.29	17.33		
10	64QAM	25	25	17.23	17.28	17.31		
10	64QAM	50	0	17.19	17.30	17.33		
10	256QAM	1	0	17.16	17.36	17.30	18.2	0
10	256QAM	1	25	17.24	17.20	17.20		
10	256QAM	1	49	17.17	17.36	17.28		
10	256QAM	25	0	17.15	17.30	17.26	18.2	0
10	256QAM	25	12	17.23	17.22	17.29		
10	256QAM	25	25	17.23	17.34	17.30		
10	256QAM	50	0	17.20	17.38	17.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.28	17.28	17.29	18.2	0
5	QPSK	1	12	17.20	17.22	17.30		
5	QPSK	1	24	17.15	17.26	17.19		
5	QPSK	12	0	17.19	17.18	17.29	18.2	0
5	QPSK	12	7	17.29	17.21	17.28		
5	QPSK	12	13	17.29	17.37	17.26		
5	QPSK	25	0	17.18	17.34	17.20		
5	16QAM	1	0	17.31	17.31	17.32	18.2	0
5	16QAM	1	12	17.26	17.23	17.19		
5	16QAM	1	24	17.27	17.32	17.22		
5	16QAM	12	0	17.21	17.27	17.24	18.2	0
5	16QAM	12	7	17.21	17.24	17.29		
5	16QAM	12	13	17.26	17.23	17.28		
5	16QAM	25	0	17.16	17.32	17.32		
5	64QAM	1	0	17.21	17.30	17.25	18.2	0
5	64QAM	1	12	17.26	17.38	17.30		
5	64QAM	1	24	17.24	17.22	17.30		
5	64QAM	12	0	17.29	17.23	17.22	18.2	0
5	64QAM	12	7	17.20	17.30	17.29		
5	64QAM	12	13	17.30	17.34	17.28		
5	64QAM	25	0	17.17	17.35	17.27		
5	256QAM	1	0	17.24	17.32	17.28	18.2	0
5	256QAM	1	12	17.29	17.28	17.28		
5	256QAM	1	24	17.20	17.30	17.25		
5	256QAM	12	0	17.21	17.21	17.26	18.2	0
5	256QAM	12	7	17.13	17.24	17.31		
5	256QAM	12	13	17.20	17.31	17.26		
5	256QAM	25	0	17.18	17.35	17.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.18	17.37	17.35	18.2	0
3	QPSK	1	8	17.21	17.20	17.22		
3	QPSK	1	14	17.18	17.32	17.28		
3	QPSK	8	0	17.15	17.27	17.26	18.2	0
3	QPSK	8	4	17.28	17.30	17.24		
3	QPSK	8	7	17.17	17.30	17.23		
3	QPSK	15	0	17.13	17.29	17.16		
3	16QAM	1	0	17.26	17.26	17.27	18.2	0
3	16QAM	1	8	17.22	17.31	17.15		
3	16QAM	1	14	17.28	17.27	17.25		
3	16QAM	8	0	17.27	17.26	17.26	18.2	0
3	16QAM	8	4	17.18	17.28	17.26		
3	16QAM	8	7	17.23	17.33	17.28		
3	16QAM	15	0	17.25	17.24	17.32		
3	64QAM	1	0	17.21	17.28	17.32	18.2	0
3	64QAM	1	8	17.20	17.32	17.25		
3	64QAM	1	14	17.26	17.32	17.34		
3	64QAM	8	0	17.27	17.23	17.18	18.2	0
3	64QAM	8	4	17.15	17.30	17.29		
3	64QAM	8	7	17.28	17.26	17.22		
3	64QAM	15	0	17.12	17.31	17.33		
3	256QAM	1	0	17.19	17.34	17.32	18.2	0
3	256QAM	1	8	17.28	17.20	17.20		
3	256QAM	1	14	17.13	17.31	17.28		
3	256QAM	8	0	17.18	17.26	17.22	18.2	0
3	256QAM	8	4	17.20	17.28	17.26		
3	256QAM	8	7	17.27	17.31	17.28		
3	256QAM	15	0	17.12	17.30	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.26	17.33	17.30	18.2	0
1.4	QPSK	1	3	17.17	17.28	17.29		
1.4	QPSK	1	5	17.14	17.23	17.26		
1.4	QPSK	3	0	17.20	17.28	17.28		
1.4	QPSK	3	1	17.30	17.25	17.20		
1.4	QPSK	3	3	17.22	17.33	17.28		
1.4	QPSK	6	0	17.13	17.32	17.18	18.2	0
1.4	16QAM	1	0	17.31	17.32	17.29	18.2	0
1.4	16QAM	1	3	17.23	17.32	17.25		
1.4	16QAM	1	5	17.23	17.31	17.17		
1.4	16QAM	3	0	17.31	17.28	17.28		
1.4	16QAM	3	1	17.26	17.22	17.22		
1.4	16QAM	3	3	17.24	17.34	17.29		
1.4	16QAM	6	0	17.14	17.34	17.34	18.2	0
1.4	64QAM	1	0	17.23	17.34	17.29	18.2	0
1.4	64QAM	1	3	17.30	17.37	17.25		
1.4	64QAM	1	5	17.28	17.22	17.30		
1.4	64QAM	3	0	17.35	17.29	17.14		
1.4	64QAM	3	1	17.19	17.27	17.34		
1.4	64QAM	3	3	17.28	17.25	17.24		
1.4	64QAM	6	0	17.18	17.35	17.28	18.2	0
1.4	256QAM	1	0	17.22	17.30	17.22	18.2	0
1.4	256QAM	1	3	17.26	17.29	17.22		
1.4	256QAM	1	5	17.21	17.35	17.28		
1.4	256QAM	3	0	17.19	17.27	17.22		
1.4	256QAM	3	1	17.20	17.24	17.36		
1.4	256QAM	3	3	17.23	17.32	17.27		
1.4	256QAM	6	0	17.21	17.28	17.26	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.94	17.11	16.94	17.7	0
20	QPSK	1	49	17.00	16.97	16.89		
20	QPSK	1	99	16.95	16.99	16.99		
20	QPSK	50	0	16.98	17.06	16.96	17.7	0
20	QPSK	50	24	17.05	17.00	16.95		
20	QPSK	50	50	16.98	17.00	16.90		
20	QPSK	100	0	16.97	16.99	16.98		
20	16QAM	1	0	16.97	17.03	16.90	17.7	0
20	16QAM	1	49	17.04	17.03	16.97		
20	16QAM	1	99	16.96	17.09	16.93		
20	16QAM	50	0	16.98	17.00	16.95	17.7	0
20	16QAM	50	24	17.01	16.98	16.93		
20	16QAM	50	50	16.95	17.04	17.00		
20	16QAM	100	0	17.02	17.05	16.93		
20	64QAM	1	0	16.98	17.08	16.90	17.7	0
20	64QAM	1	49	17.04	17.05	16.96		
20	64QAM	1	99	17.00	16.99	16.90		
20	64QAM	50	0	17.02	17.01	16.91	17.7	0
20	64QAM	50	24	16.99	17.03	16.94		
20	64QAM	50	50	16.94	16.99	16.90		
20	64QAM	100	0	16.99	17.09	16.95		
20	256QAM	1	0	17.04	17.03	16.90	17.7	0
20	256QAM	1	49	16.94	17.05	16.89		
20	256QAM	1	99	16.95	17.06	16.98		
20	256QAM	50	0	16.98	16.97	16.95	17.7	0
20	256QAM	50	24	17.03	17.05	16.95		
20	256QAM	50	50	16.95	16.99	16.97		
20	256QAM	100	0	16.95	17.00	16.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.79	17.00	16.84	17.7	0
15	QPSK	1	37	16.96	16.87	16.81		
15	QPSK	1	74	16.85	16.89	16.84		
15	QPSK	36	0	16.83	16.87	16.81	17.7	0
15	QPSK	36	20	16.90	16.95	16.89		
15	QPSK	36	39	16.83	16.94	16.85		
15	QPSK	75	0	16.83	16.94	16.88		
15	16QAM	1	0	16.86	16.96	16.81	17.7	0
15	16QAM	1	37	16.99	16.90	16.91		
15	16QAM	1	74	16.92	17.05	16.84		
15	16QAM	36	0	16.84	16.90	16.85	17.7	0
15	16QAM	36	20	16.90	16.83	16.77		
15	16QAM	36	39	16.91	17.00	16.95		
15	16QAM	75	0	16.96	17.01	16.87		
15	64QAM	1	0	16.85	16.95	16.83	17.7	0
15	64QAM	1	37	16.90	16.98	16.84		
15	64QAM	1	74	16.88	16.88	16.74		
15	64QAM	36	0	16.93	16.95	16.82	17.7	0
15	64QAM	36	20	16.86	16.87	16.88		
15	64QAM	36	39	16.80	16.90	16.84		
15	64QAM	75	0	16.93	16.97	16.80		
15	256QAM	1	0	16.94	16.90	16.86	17.7	0
15	256QAM	1	37	16.87	16.91	16.78		
15	256QAM	1	74	16.86	16.96	16.85		
15	256QAM	36	0	16.89	16.85	16.82	17.7	0
15	256QAM	36	20	16.96	16.94	16.84		
15	256QAM	36	39	16.82	16.89	16.83		
15	256QAM	75	0	16.79	16.86	16.91		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.81	16.97	16.79	17.7	0
10	QPSK	1	25	16.93	16.88	16.73		
10	QPSK	1	49	16.91	16.87	16.91		
10	QPSK	25	0	16.89	16.87	16.90	17.7	0
10	QPSK	25	12	16.91	16.95	16.80		
10	QPSK	25	25	16.84	16.93	16.76		
10	QPSK	50	0	16.89	16.90	16.87		
10	16QAM	1	0	16.82	16.95	16.86	17.7	0
10	16QAM	1	25	16.96	16.91	16.87		
10	16QAM	1	49	16.83	16.95	16.80		
10	16QAM	25	0	16.88	16.87	16.81	17.7	0
10	16QAM	25	12	16.90	16.84	16.78		
10	16QAM	25	25	16.89	16.95	16.86		
10	16QAM	50	0	16.92	16.96	16.81		
10	64QAM	1	0	16.93	16.99	16.77	17.7	0
10	64QAM	1	25	16.95	16.98	16.83		
10	64QAM	1	49	16.91	16.84	16.80		
10	64QAM	25	0	16.87	16.90	16.75	17.7	0
10	64QAM	25	12	16.94	16.98	16.88		
10	64QAM	25	25	16.87	16.83	16.80		
10	64QAM	50	0	16.90	17.01	16.83		
10	256QAM	1	0	16.94	16.89	16.78	17.7	0
10	256QAM	1	25	16.90	16.99	16.82		
10	256QAM	1	49	16.88	16.91	16.92		
10	256QAM	25	0	16.83	16.84	16.91	17.7	0
10	256QAM	25	12	16.91	17.00	16.80		
10	256QAM	25	25	16.79	16.86	16.87		
10	256QAM	50	0	16.91	16.96	16.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.84	16.92	16.85	17.7	0
5	QPSK	1	12	16.87	16.92	16.81		
5	QPSK	1	24	16.82	16.91	16.88		
5	QPSK	12	0	16.93	16.96	16.89	17.7	0
5	QPSK	12	7	16.97	16.87	16.85		
5	QPSK	12	13	16.92	16.93	16.81		
5	QPSK	25	0	16.90	16.92	16.84		
5	16QAM	1	0	16.84	16.90	16.75	17.7	0
5	16QAM	1	12	16.99	16.96	16.82		
5	16QAM	1	24	16.89	16.95	16.84		
5	16QAM	12	0	16.92	16.96	16.88	17.7	0
5	16QAM	12	7	16.95	16.91	16.81		
5	16QAM	12	13	16.79	16.90	16.91		
5	16QAM	25	0	16.94	16.94	16.84		
5	64QAM	1	0	16.93	16.94	16.75	17.7	0
5	64QAM	1	12	16.96	16.93	16.88		
5	64QAM	1	24	16.90	16.91	16.81		
5	64QAM	12	0	16.91	16.88	16.78	17.7	0
5	64QAM	12	7	16.95	16.93	16.79		
5	64QAM	12	13	16.84	16.92	16.80		
5	64QAM	25	0	16.87	17.01	16.80		
5	256QAM	1	0	16.94	16.98	16.85	17.7	0
5	256QAM	1	12	16.80	16.95	16.73		
5	256QAM	1	24	16.84	16.99	16.87		
5	256QAM	12	0	16.90	16.88	16.85	17.7	0
5	256QAM	12	7	16.89	16.97	16.91		
5	256QAM	12	13	16.82	16.92	16.88		
5	256QAM	25	0	16.90	16.86	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.39	18.59	18.43	19.5	0
20	QPSK	1	49	18.51	18.48	18.43		
20	QPSK	1	99	18.49	18.47	18.40		
20	QPSK	50	0	18.42	18.58	18.49	19.5	0
20	QPSK	50	24	18.44	18.47	18.49		
20	QPSK	50	50	18.45	18.51	18.49		
20	QPSK	100	0	18.44	18.50	18.37		
20	16QAM	1	0	18.46	18.58	18.48	19.5	0
20	16QAM	1	49	18.49	18.49	18.43		
20	16QAM	1	99	18.40	18.53	18.39		
20	16QAM	50	0	18.47	18.58	18.43	19.5	0
20	16QAM	50	24	18.48	18.58	18.38		
20	16QAM	50	50	18.46	18.57	18.41		
20	16QAM	100	0	18.44	18.54	18.39		
20	64QAM	1	0	18.46	18.53	18.47	19.5	0
20	64QAM	1	49	18.44	18.51	18.40		
20	64QAM	1	99	18.44	18.53	18.45		
20	64QAM	50	0	18.47	18.48	18.48	19.5	0
20	64QAM	50	24	18.44	18.58	18.41		
20	64QAM	50	50	18.46	18.47	18.44		
20	64QAM	100	0	18.49	18.50	18.46		
20	256QAM	1	0	18.48	18.53	18.38	19.5	0
20	256QAM	1	49	18.48	18.54	18.39		
20	256QAM	1	99	18.43	18.48	18.37		
20	256QAM	50	0	18.41	18.57	18.41	19.5	0
20	256QAM	50	24	18.46	18.54	18.46		
20	256QAM	50	50	18.51	18.52	18.44		
20	256QAM	100	0	18.45	18.56	18.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.30	18.37	18.38	19.5	0
15	QPSK	1	37	18.35	18.38	18.27		
15	QPSK	1	74	18.41	18.42	18.36		
15	QPSK	36	0	18.36	18.37	18.39	19.5	0
15	QPSK	36	20	18.39	18.43	18.40		
15	QPSK	36	39	18.39	18.48	18.43		
15	QPSK	75	0	18.37	18.40	18.25		
15	16QAM	1	0	18.42	18.48	18.43	19.5	0
15	16QAM	1	37	18.39	18.43	18.31		
15	16QAM	1	74	18.30	18.46	18.23		
15	16QAM	36	0	18.36	18.43	18.37	19.5	0
15	16QAM	36	20	18.37	18.49	18.29		
15	16QAM	36	39	18.37	18.48	18.29		
15	16QAM	75	0	18.29	18.44	18.24		
15	64QAM	1	0	18.33	18.43	18.33	19.5	0
15	64QAM	1	37	18.29	18.36	18.28		
15	64QAM	1	74	18.28	18.42	18.35		
15	64QAM	36	0	18.31	18.40	18.33	19.5	0
15	64QAM	36	20	18.35	18.43	18.33		
15	64QAM	36	39	18.41	18.34	18.29		
15	64QAM	75	0	18.43	18.40	18.31		
15	256QAM	1	0	18.40	18.44	18.27	19.5	0
15	256QAM	1	37	18.43	18.39	18.28		
15	256QAM	1	74	18.28	18.39	18.29		
15	256QAM	36	0	18.29	18.45	18.36	19.5	0
15	256QAM	36	20	18.40	18.50	18.40		
15	256QAM	36	39	18.36	18.45	18.40		
15	256QAM	75	0	18.35	18.45	18.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.32	18.39	18.38	19.5	0
10	QPSK	1	25	18.40	18.40	18.38		
10	QPSK	1	49	18.40	18.31	18.33		
10	QPSK	25	0	18.31	18.38	18.43	19.5	0
10	QPSK	25	12	18.35	18.42	18.44		
10	QPSK	25	25	18.30	18.50	18.35		
10	QPSK	50	0	18.36	18.42	18.31		
10	16QAM	1	0	18.33	18.46	18.36	19.5	0
10	16QAM	1	25	18.43	18.34	18.34		
10	16QAM	1	49	18.31	18.42	18.30		
10	16QAM	25	0	18.40	18.53	18.36	19.5	0
10	16QAM	25	12	18.32	18.44	18.30		
10	16QAM	25	25	18.39	18.45	18.33		
10	16QAM	50	0	18.32	18.46	18.27		
10	64QAM	1	0	18.39	18.46	18.39	19.5	0
10	64QAM	1	25	18.31	18.38	18.34		
10	64QAM	1	49	18.34	18.44	18.34		
10	64QAM	25	0	18.36	18.40	18.39	19.5	0
10	64QAM	25	12	18.35	18.43	18.30		
10	64QAM	25	25	18.31	18.32	18.30		
10	64QAM	50	0	18.39	18.35	18.37		
10	256QAM	1	0	18.35	18.43	18.24	19.5	0
10	256QAM	1	25	18.34	18.47	18.28		
10	256QAM	1	49	18.33	18.34	18.29		
10	256QAM	25	0	18.29	18.48	18.35	19.5	0
10	256QAM	25	12	18.33	18.47	18.34		
10	256QAM	25	25	18.42	18.43	18.34		
10	256QAM	50	0	18.39	18.44	18.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.25	18.44	18.36	19.5	0
5	QPSK	1	12	18.39	18.40	18.37		
5	QPSK	1	24	18.37	18.32	18.31		
5	QPSK	12	0	18.30	18.44	18.43	19.5	0
5	QPSK	12	7	18.38	18.32	18.35		
5	QPSK	12	13	18.35	18.50	18.42		
5	QPSK	25	0	18.28	18.36	18.27		
5	16QAM	1	0	18.40	18.53	18.33	19.5	0
5	16QAM	1	12	18.34	18.40	18.31		
5	16QAM	1	24	18.25	18.39	18.30		
5	16QAM	12	0	18.39	18.53	18.34	19.5	0
5	16QAM	12	7	18.32	18.53	18.33		
5	16QAM	12	13	18.31	18.45	18.29		
5	16QAM	25	0	18.39	18.40	18.29		
5	64QAM	1	0	18.36	18.49	18.32	19.5	0
5	64QAM	1	12	18.33	18.46	18.24		
5	64QAM	1	24	18.34	18.39	18.39		
5	64QAM	12	0	18.34	18.42	18.39	19.5	0
5	64QAM	12	7	18.36	18.48	18.36		
5	64QAM	12	13	18.37	18.37	18.38		
5	64QAM	25	0	18.34	18.34	18.36		
5	256QAM	1	0	18.43	18.41	18.27	19.5	0
5	256QAM	1	12	18.40	18.47	18.30		
5	256QAM	1	24	18.32	18.42	18.27		
5	256QAM	12	0	18.27	18.42	18.35	19.5	0
5	256QAM	12	7	18.33	18.48	18.39		
5	256QAM	12	13	18.36	18.46	18.35		
5	256QAM	25	0	18.37	18.43	18.33		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.34	18.37	18.34	19.5	0
3	QPSK	1	8	18.47	18.38	18.32		
3	QPSK	1	14	18.42	18.35	18.33		
3	QPSK	8	0	18.37	18.39	18.39	19.5	0
3	QPSK	8	4	18.30	18.32	18.34		
3	QPSK	8	7	18.32	18.41	18.41		
3	QPSK	15	0	18.35	18.42	18.29		
3	16QAM	1	0	18.38	18.52	18.34	19.5	0
3	16QAM	1	8	18.33	18.39	18.30		
3	16QAM	1	14	18.25	18.47	18.27		
3	16QAM	8	0	18.39	18.50	18.30	19.5	0
3	16QAM	8	4	18.34	18.49	18.25		
3	16QAM	8	7	18.40	18.50	18.26		
3	16QAM	15	0	18.32	18.41	18.32		
3	64QAM	1	0	18.33	18.38	18.34	19.5	0
3	64QAM	1	8	18.34	18.46	18.26		
3	64QAM	1	14	18.34	18.39	18.31		
3	64QAM	8	0	18.33	18.38	18.37	19.5	0
3	64QAM	8	4	18.39	18.43	18.31		
3	64QAM	8	7	18.35	18.37	18.36		
3	64QAM	15	0	18.35	18.39	18.41		
3	256QAM	1	0	18.39	18.44	18.32	19.5	0
3	256QAM	1	8	18.41	18.40	18.31		
3	256QAM	1	14	18.29	18.40	18.31		
3	256QAM	8	0	18.35	18.43	18.33	19.5	0
3	256QAM	8	4	18.31	18.44	18.38		
3	256QAM	8	7	18.44	18.46	18.31		
3	256QAM	15	0	18.29	18.42	18.33		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.28	18.40	18.29	19.5	0
1.4	QPSK	1	3	18.36	18.37	18.35		
1.4	QPSK	1	5	18.37	18.43	18.27		
1.4	QPSK	3	0	18.30	18.44	18.39		
1.4	QPSK	3	1	18.36	18.39	18.40		
1.4	QPSK	3	3	18.40	18.44	18.39		
1.4	QPSK	6	0	18.33	18.40	18.27	19.5	0
1.4	16QAM	1	0	18.40	18.46	18.41	19.5	0
1.4	16QAM	1	3	18.39	18.34	18.34		
1.4	16QAM	1	5	18.26	18.41	18.30		
1.4	16QAM	3	0	18.36	18.51	18.27		
1.4	16QAM	3	1	18.37	18.51	18.34		
1.4	16QAM	3	3	18.42	18.50	18.27		
1.4	16QAM	6	0	18.40	18.41	18.25	19.5	0
1.4	64QAM	1	0	18.35	18.41	18.37	19.5	0
1.4	64QAM	1	3	18.28	18.36	18.26		
1.4	64QAM	1	5	18.30	18.46	18.39		
1.4	64QAM	3	0	18.35	18.37	18.41		
1.4	64QAM	3	1	18.39	18.52	18.30		
1.4	64QAM	3	3	18.37	18.41	18.32		
1.4	64QAM	6	0	18.35	18.43	18.35	19.5	0
1.4	256QAM	1	0	18.33	18.42	18.23	19.5	0
1.4	256QAM	1	3	18.41	18.46	18.28		
1.4	256QAM	1	5	18.29	18.42	18.28		
1.4	256QAM	3	0	18.37	18.42	18.35		
1.4	256QAM	3	1	18.31	18.40	18.34		
1.4	256QAM	3	3	18.40	18.39	18.34		
1.4	256QAM	6	0	18.36	18.46	18.35	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.92	18.05	17.86	19	0
20	QPSK	1	49	17.91	17.98	17.92		
20	QPSK	1	99	17.86	17.91	17.83		
20	QPSK	50	0	17.87	17.98	17.90	19	0
20	QPSK	50	24	17.89	17.90	17.85		
20	QPSK	50	50	17.89	17.93	17.88		
20	QPSK	100	0	17.93	17.94	17.88		
20	16QAM	1	0	17.95	17.95	17.90	19	0
20	16QAM	1	49	17.87	17.99	17.84		
20	16QAM	1	99	17.98	17.91	17.88		
20	16QAM	50	0	17.87	17.98	17.86	19	0
20	16QAM	50	24	17.95	18.00	17.87		
20	16QAM	50	50	17.92	17.94	17.90		
20	16QAM	100	0	17.90	17.94	17.83		
20	64QAM	1	0	17.93	17.99	17.82	19	0
20	64QAM	1	49	17.97	17.99	17.86		
20	64QAM	1	99	17.90	17.96	17.90		
20	64QAM	50	0	17.96	17.94	17.88	19	0
20	64QAM	50	24	17.95	18.01	17.89		
20	64QAM	50	50	17.94	17.98	17.89		
20	64QAM	100	0	17.93	17.98	17.91		
20	256QAM	1	0	17.88	17.99	17.92	19	0
20	256QAM	1	49	17.95	17.93	17.86		
20	256QAM	1	99	17.89	17.93	17.93		
20	256QAM	50	0	17.97	17.95	17.86	19	0
20	256QAM	50	24	17.91	17.97	17.82		
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	17.91	17.96	17.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.79	17.88	17.72	19	0
15	QPSK	1	37	17.80	17.87	17.87		
15	QPSK	1	74	17.80	17.84	17.70		
15	QPSK	36	0	17.81	17.78	17.84	19	0
15	QPSK	36	20	17.78	17.84	17.77		
15	QPSK	36	39	17.80	17.87	17.82		
15	QPSK	75	0	17.86	17.84	17.84		
15	16QAM	1	0	17.89	17.90	17.76	19	0
15	16QAM	1	37	17.79	17.93	17.74		
15	16QAM	1	74	17.83	17.87	17.80		
15	16QAM	36	0	17.78	17.86	17.82	19	0
15	16QAM	36	20	17.81	17.88	17.79		
15	16QAM	36	39	17.83	17.85	17.82		
15	16QAM	75	0	17.82	17.80	17.79		
15	64QAM	1	0	17.86	17.86	17.75	19	0
15	64QAM	1	37	17.93	17.85	17.71		
15	64QAM	1	74	17.85	17.83	17.75		
15	64QAM	36	0	17.91	17.82	17.80	19	0
15	64QAM	36	20	17.85	17.95	17.84		
15	64QAM	36	39	17.81	17.84	17.75		
15	64QAM	75	0	17.82	17.83	17.81		
15	256QAM	1	0	17.78	17.85	17.81	19	0
15	256QAM	1	37	17.89	17.89	17.76		
15	256QAM	1	74	17.77	17.78	17.80		
15	256QAM	36	0	17.88	17.80	17.77	19	0
15	256QAM	36	20	17.85	17.84	17.72		
15	256QAM	36	39	17.83	17.88	17.86		
15	256QAM	75	0	17.78	17.82	17.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.88	17.82	17.73	19	0
10	QPSK	1	25	17.85	17.88	17.81		
10	QPSK	1	49	17.70	17.87	17.74		
10	QPSK	25	0	17.78	17.89	17.79	19	0
10	QPSK	25	12	17.78	17.84	17.71		
10	QPSK	25	25	17.76	17.81	17.79		
10	QPSK	50	0	17.85	17.85	17.76		
10	16QAM	1	0	17.83	17.89	17.78	19	0
10	16QAM	1	25	17.74	17.90	17.76		
10	16QAM	1	49	17.87	17.77	17.77		
10	16QAM	25	0	17.83	17.90	17.73	19	0
10	16QAM	25	12	17.81	17.87	17.75		
10	16QAM	25	25	17.79	17.85	17.75		
10	16QAM	50	0	17.84	17.86	17.69		
10	64QAM	1	0	17.89	17.91	17.77	19	0
10	64QAM	1	25	17.81	17.92	17.80		
10	64QAM	1	49	17.84	17.87	17.84		
10	64QAM	25	0	17.82	17.85	17.80	19	0
10	64QAM	25	12	17.87	17.89	17.85		
10	64QAM	25	25	17.89	17.86	17.78		
10	64QAM	50	0	17.86	17.83	17.75		
10	256QAM	1	0	17.76	17.88	17.80	19	0
10	256QAM	1	25	17.89	17.87	17.79		
10	256QAM	1	49	17.81	17.86	17.80		
10	256QAM	25	0	17.84	17.82	17.79	19	0
10	256QAM	25	12	17.76	17.90	17.76		
10	256QAM	25	25	17.76	17.89	17.76		
10	256QAM	50	0	17.78	17.90	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.78	17.86	17.81	19	0
5	QPSK	1	12	17.79	17.83	17.77		
5	QPSK	1	24	17.75	17.82	17.71		
5	QPSK	12	0	17.81	17.85	17.76	19	0
5	QPSK	12	7	17.74	17.74	17.73		
5	QPSK	12	13	17.74	17.86	17.81		
5	QPSK	25	0	17.78	17.84	17.77		
5	16QAM	1	0	17.80	17.90	17.74	19	0
5	16QAM	1	12	17.77	17.84	17.73		
5	16QAM	1	24	17.89	17.84	17.82		
5	16QAM	12	0	17.75	17.92	17.71	19	0
5	16QAM	12	7	17.80	17.85	17.82		
5	16QAM	12	13	17.86	17.81	17.77		
5	16QAM	25	0	17.76	17.79	17.73		
5	64QAM	1	0	17.79	17.87	17.72	19	0
5	64QAM	1	12	17.90	17.93	17.80		
5	64QAM	1	24	17.77	17.92	17.83		
5	64QAM	12	0	17.85	17.87	17.74	19	0
5	64QAM	12	7	17.91	17.97	17.85		
5	64QAM	12	13	17.89	17.94	17.79		
5	64QAM	25	0	17.89	17.84	17.80		
5	256QAM	1	0	17.77	17.86	17.78	19	0
5	256QAM	1	12	17.85	17.81	17.82		
5	256QAM	1	24	17.82	17.84	17.79		
5	256QAM	12	0	17.84	17.87	17.78	19	0
5	256QAM	12	7	17.84	17.85	17.75		
5	256QAM	12	13	17.81	17.86	17.76		
5	256QAM	25	0	17.81	17.90	17.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.79	17.86	17.72	19	0
3	QPSK	1	8	17.85	17.88	17.78		
3	QPSK	1	14	17.75	17.82	17.67		
3	QPSK	8	0	17.82	17.78	17.82	19	0
3	QPSK	8	4	17.79	17.86	17.80		
3	QPSK	8	7	17.84	17.81	17.82		
3	QPSK	15	0	17.82	17.77	17.81		
3	16QAM	1	0	17.84	17.82	17.78	19	0
3	16QAM	1	8	17.80	17.84	17.69		
3	16QAM	1	14	17.86	17.85	17.83		
3	16QAM	8	0	17.74	17.89	17.80	19	0
3	16QAM	8	4	17.88	17.90	17.72		
3	16QAM	8	7	17.87	17.89	17.84		
3	16QAM	15	0	17.76	17.81	17.72		
3	64QAM	1	0	17.79	17.95	17.76	19	0
3	64QAM	1	8	17.93	17.93	17.74		
3	64QAM	1	14	17.83	17.83	17.83		
3	64QAM	8	0	17.84	17.79	17.79	19	0
3	64QAM	8	4	17.81	17.90	17.83		
3	64QAM	8	7	17.89	17.85	17.79		
3	64QAM	15	0	17.79	17.86	17.79		
3	256QAM	1	0	17.72	17.88	17.86	19	0
3	256QAM	1	8	17.87	17.78	17.74		
3	256QAM	1	14	17.79	17.82	17.86		
3	256QAM	8	0	17.88	17.84	17.79	19	0
3	256QAM	8	4	17.82	17.91	17.67		
3	256QAM	8	7	17.76	17.91	17.81		
3	256QAM	15	0	17.77	17.88	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.79	17.89	17.80	19	0
1.4	QPSK	1	3	17.76	17.83	17.80		
1.4	QPSK	1	5	17.72	17.86	17.74		
1.4	QPSK	3	0	17.83	17.87	17.79		
1.4	QPSK	3	1	17.78	17.78	17.78		
1.4	QPSK	3	3	17.83	17.88	17.79		
1.4	QPSK	6	0	17.83	17.75	17.79	19	0
1.4	16QAM	1	0	17.84	17.89	17.75	19	0
1.4	16QAM	1	3	17.76	17.84	17.75		
1.4	16QAM	1	5	17.87	17.76	17.80		
1.4	16QAM	3	0	17.80	17.88	17.79		
1.4	16QAM	3	1	17.89	17.90	17.73		
1.4	16QAM	3	3	17.82	17.82	17.78		
1.4	16QAM	6	0	17.80	17.88	17.75	19	0
1.4	64QAM	1	0	17.78	17.84	17.69	19	0
1.4	64QAM	1	3	17.86	17.92	17.74		
1.4	64QAM	1	5	17.82	17.87	17.75		
1.4	64QAM	3	0	17.89	17.81	17.78		
1.4	64QAM	3	1	17.82	17.96	17.75		
1.4	64QAM	3	3	17.83	17.83	17.81		
1.4	64QAM	6	0	17.81	17.84	17.81	19	0
1.4	256QAM	1	0	17.79	17.87	17.86	19	0
1.4	256QAM	1	3	17.86	17.80	17.76		
1.4	256QAM	1	5	17.77	17.86	17.85		
1.4	256QAM	3	0	17.91	17.83	17.80		
1.4	256QAM	3	1	17.79	17.87	17.75		
1.4	256QAM	3	3	17.76	17.88	17.84		
1.4	256QAM	6	0	17.84	17.86	17.71	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.57	19.69	19.60	20.2	0
20	QPSK	1	49	19.60	19.62	19.54		
20	QPSK	1	99	19.60	19.64	19.58		
20	QPSK	50	0	19.59	19.61	19.54	20.2	0
20	QPSK	50	24	19.59	19.60	19.53		
20	QPSK	50	50	19.54	19.57	19.52		
20	QPSK	100	0	19.57	19.64	19.56		
20	16QAM	1	0	19.53	19.65	19.50	20.2	0
20	16QAM	1	49	19.62	19.58	19.50		
20	16QAM	1	99	19.55	19.64	19.61		
20	16QAM	50	0	19.53	19.65	19.53	20.2	0
20	16QAM	50	24	19.61	19.67	19.54		
20	16QAM	50	50	19.58	19.62	19.51		
20	16QAM	100	0	19.61	19.57	19.49		
20	64QAM	1	0	19.60	19.63	19.57	20.2	0
20	64QAM	1	49	19.63	19.64	19.55		
20	64QAM	1	99	19.64	19.65	19.55		
20	64QAM	50	0	19.59	19.56	19.52	20.2	0
20	64QAM	50	24	19.62	19.66	19.59		
20	64QAM	50	50	19.57	19.56	19.57		
20	64QAM	100	0	19.57	19.63	19.50		
20	256QAM	1	0	19.58	19.67	19.58	20.2	0
20	256QAM	1	49	19.61	19.65	19.59		
20	256QAM	1	99	19.62	19.62	19.54		
20	256QAM	50	0	19.52	19.62	19.60	20.2	0
20	256QAM	50	24	19.53	19.61	19.60		
20	256QAM	50	50	19.64	19.61	19.53		
20	256QAM	100	0	19.63	19.59	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.50	19.58	19.48	20.2	0
15	QPSK	1	37	19.50	19.46	19.49		
15	QPSK	1	74	19.53	19.51	19.44		
15	QPSK	36	0	19.51	19.52	19.41	20.2	0
15	QPSK	36	20	19.55	19.45	19.38		
15	QPSK	36	39	19.39	19.43	19.43		
15	QPSK	75	0	19.49	19.57	19.47		
15	16QAM	1	0	19.40	19.54	19.35	20.2	0
15	16QAM	1	37	19.50	19.53	19.39		
15	16QAM	1	74	19.41	19.56	19.56		
15	16QAM	36	0	19.38	19.55	19.38	20.2	0
15	16QAM	36	20	19.45	19.57	19.41		
15	16QAM	36	39	19.48	19.49	19.35		
15	16QAM	75	0	19.46	19.45	19.42		
15	64QAM	1	0	19.54	19.58	19.53	20.2	0
15	64QAM	1	37	19.55	19.55	19.47		
15	64QAM	1	74	19.53	19.56	19.44		
15	64QAM	36	0	19.46	19.44	19.47	20.2	0
15	64QAM	36	20	19.57	19.53	19.52		
15	64QAM	36	39	19.46	19.45	19.43		
15	64QAM	75	0	19.48	19.51	19.34		
15	256QAM	1	0	19.44	19.61	19.43	20.2	0
15	256QAM	1	37	19.50	19.49	19.53		
15	256QAM	1	74	19.54	19.55	19.40		
15	256QAM	36	0	19.37	19.48	19.53	20.2	0
15	256QAM	36	20	19.41	19.57	19.56		
15	256QAM	36	39	19.54	19.57	19.45		
15	256QAM	75	0	19.59	19.54	19.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.49	19.54	19.54	20.2	0
10	QPSK	1	25	19.48	19.47	19.49		
10	QPSK	1	49	19.50	19.55	19.51		
10	QPSK	25	0	19.46	19.53	19.40	20.2	0
10	QPSK	25	12	19.45	19.48	19.38		
10	QPSK	25	25	19.39	19.49	19.39		
10	QPSK	50	0	19.46	19.49	19.47		
10	16QAM	1	0	19.37	19.53	19.41	20.2	0
10	16QAM	1	25	19.50	19.42	19.34		
10	16QAM	1	49	19.47	19.52	19.55		
10	16QAM	25	0	19.42	19.58	19.47	20.2	0
10	16QAM	25	12	19.45	19.62	19.43		
10	16QAM	25	25	19.46	19.51	19.39		
10	16QAM	50	0	19.52	19.47	19.39		
10	64QAM	1	0	19.55	19.56	19.49	20.2	0
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.57	19.55	19.45		
10	64QAM	25	0	19.52	19.51	19.45	20.2	0
10	64QAM	25	12	19.56	19.51	19.51		
10	64QAM	25	25	19.43	19.52	19.50		
10	64QAM	50	0	19.43	19.58	19.38		
10	256QAM	1	0	19.53	19.58	19.50	20.2	0
10	256QAM	1	25	19.57	19.54	19.47		
10	256QAM	1	49	19.55	19.53	19.42		
10	256QAM	25	0	19.44	19.49	19.50	20.2	0
10	256QAM	25	12	19.41	19.52	19.51		
10	256QAM	25	25	19.48	19.54	19.45		
10	256QAM	50	0	19.53	19.53	19.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.42	19.56	19.53	20.2	0
5	QPSK	1	12	19.45	19.46	19.41		
5	QPSK	1	24	19.47	19.50	19.52		
5	QPSK	12	0	19.46	19.45	19.46	20.2	0
5	QPSK	12	7	19.48	19.44	19.48		
5	QPSK	12	13	19.41	19.44	19.37		
5	QPSK	25	0	19.50	19.57	19.46		
5	16QAM	1	0	19.45	19.58	19.45	20.2	0
5	16QAM	1	12	19.54	19.48	19.36		
5	16QAM	1	24	19.50	19.54	19.51		
5	16QAM	12	0	19.42	19.55	19.41	20.2	0
5	16QAM	12	7	19.46	19.60	19.41		
5	16QAM	12	13	19.46	19.53	19.40		
5	16QAM	25	0	19.48	19.50	19.43		
5	64QAM	1	0	19.56	19.57	19.48	20.2	0
5	64QAM	1	12	19.54	19.59	19.45		
5	64QAM	1	24	19.48	19.58	19.48		
5	64QAM	12	0	19.45	19.42	19.38	20.2	0
5	64QAM	12	7	19.55	19.53	19.50		
5	64QAM	12	13	19.53	19.44	19.45		
5	64QAM	25	0	19.51	19.56	19.38		
5	256QAM	1	0	19.52	19.58	19.46	20.2	0
5	256QAM	1	12	19.56	19.56	19.49		
5	256QAM	1	24	19.56	19.47	19.43		
5	256QAM	12	0	19.46	19.57	19.53	20.2	0
5	256QAM	12	7	19.44	19.49	19.53		
5	256QAM	12	13	19.54	19.57	19.46		
5	256QAM	25	0	19.58	19.46	19.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.55	19.53	19.75	19.57	19.55	20.2	0
20	QPSK	1	49	19.67	19.52	19.61	19.64	19.62		
20	QPSK	1	99	19.58	19.57	19.64	19.56	19.53		
20	QPSK	50	0	19.57	19.53	19.69	19.63	19.60	20.2	0
20	QPSK	50	24	19.67	19.53	19.63	19.56	19.60		
20	QPSK	50	50	19.62	19.52	19.65	19.64	19.53		
20	QPSK	100	0	19.63	19.58	19.68	19.62	19.53		
20	16QAM	1	0	19.57	19.55	19.68	19.60	19.62	20.2	0
20	16QAM	1	49	19.62	19.57	19.66	19.60	19.60		
20	16QAM	1	99	19.63	19.52	19.65	19.62	19.53		
20	16QAM	50	0	19.57	19.60	19.64	19.57	19.56	20.2	0
20	16QAM	50	24	19.66	19.54	19.66	19.64	19.60		
20	16QAM	50	50	19.62	19.59	19.68	19.57	19.59		
20	16QAM	100	0	19.55	19.52	19.66	19.56	19.56		
20	64QAM	1	0	19.63	19.55	19.62	19.60	19.63	20.2	0
20	64QAM	1	49	19.63	19.50	19.61	19.60	19.53		
20	64QAM	1	99	19.58	19.58	19.67	19.65	19.59		
20	64QAM	50	0	19.59	19.58	19.65	19.61	19.62	20.2	0
20	64QAM	50	24	19.60	19.49	19.65	19.58	19.64		
20	64QAM	50	50	19.60	19.61	19.70	19.62	19.53		
20	64QAM	100	0	19.64	19.56	19.60	19.58	19.54		
20	256QAM	1	0	19.58	19.50	19.61	19.59	19.64	20.2	0
20	256QAM	1	49	19.64	19.52	19.69	19.65	19.58		
20	256QAM	1	99	19.63	19.55	19.66	19.64	19.58		
20	256QAM	50	0	19.56	19.54	19.68	19.63	19.55	20.2	0
20	256QAM	50	24	19.55	19.50	19.61	19.62	19.53		
20	256QAM	50	50	19.60	19.57	19.60	19.60	19.64		
20	256QAM	100	0	19.59	19.58	19.59	19.55	19.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.44	19.43	19.59	19.50	19.44	20.20	0
15	QPSK	1	37	19.59	19.41	19.50	19.56	19.53		
15	QPSK	1	74	19.48	19.49	19.58	19.49	19.48		
15	QPSK	36	0	19.43	19.47	19.54	19.51	19.53	20.2	0
15	QPSK	36	20	19.53	19.41	19.54	19.52	19.45		
15	QPSK	36	39	19.54	19.41	19.57	19.55	19.38		
15	QPSK	75	0	19.57	19.50	19.61	19.51	19.43		
15	16QAM	1	0	19.41	19.46	19.52	19.50	19.46	20.2	0
15	16QAM	1	37	19.54	19.51	19.61	19.47	19.56		
15	16QAM	1	74	19.52	19.43	19.53	19.52	19.40		
15	16QAM	36	0	19.45	19.56	19.51	19.41	19.40	20.2	0
15	16QAM	36	20	19.55	19.44	19.61	19.57	19.46		
15	16QAM	36	39	19.54	19.46	19.59	19.48	19.54		
15	16QAM	75	0	19.46	19.40	19.54	19.48	19.42		
15	64QAM	1	0	19.54	19.42	19.46	19.47	19.55	20.2	0
15	64QAM	1	37	19.56	19.41	19.56	19.46	19.47		
15	64QAM	1	74	19.52	19.51	19.62	19.61	19.52		
15	64QAM	36	0	19.48	19.46	19.60	19.46	19.50	20.2	0
15	64QAM	36	20	19.48	19.38	19.49	19.45	19.59		
15	64QAM	36	39	19.49	19.48	19.58	19.50	19.48		
15	64QAM	75	0	19.56	19.45	19.52	19.45	19.46		
15	256QAM	1	0	19.49	19.41	19.54	19.48	19.57	20.2	0
15	256QAM	1	37	19.53	19.45	19.64	19.51	19.52		
15	256QAM	1	74	19.53	19.42	19.53	19.58	19.44		
15	256QAM	36	0	19.48	19.47	19.64	19.55	19.42	20.2	0
15	256QAM	36	20	19.39	19.45	19.53	19.57	19.38		
15	256QAM	36	39	19.49	19.41	19.45	19.48	19.57		
15	256QAM	75	0	19.46	19.50	19.44	19.45	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.43	19.46	19.64	19.50	19.44	20.20	0
10	QPSK	1	25	19.55	19.38	19.49	19.57	19.50		
10	QPSK	1	49	19.54	19.45	19.48	19.49	19.49		
10	QPSK	25	0	19.49	19.38	19.56	19.48	19.56	20.2	0
10	QPSK	25	12	19.51	19.44	19.53	19.50	19.50		
10	QPSK	25	25	19.50	19.43	19.59	19.54	19.44		
10	QPSK	50	0	19.51	19.43	19.59	19.48	19.38		
10	16QAM	1	0	19.43	19.44	19.59	19.51	19.52	20.2	0
10	16QAM	1	25	19.53	19.47	19.57	19.49	19.49		
10	16QAM	1	49	19.49	19.41	19.57	19.46	19.41		
10	16QAM	25	0	19.52	19.52	19.50	19.51	19.43	20.2	0
10	16QAM	25	12	19.61	19.43	19.52	19.57	19.50		
10	16QAM	25	25	19.47	19.48	19.58	19.48	19.46		
10	16QAM	50	0	19.49	19.36	19.54	19.45	19.49		
10	64QAM	1	0	19.47	19.42	19.52	19.54	19.48	20.2	0
10	64QAM	1	25	19.53	19.35	19.51	19.45	19.47		
10	64QAM	1	49	19.51	19.53	19.52	19.59	19.46		
10	64QAM	25	0	19.52	19.53	19.55	19.51	19.53	20.2	0
10	64QAM	25	12	19.54	19.33	19.53	19.44	19.57		
10	64QAM	25	25	19.49	19.46	19.63	19.49	19.48		
10	64QAM	50	0	19.50	19.45	19.49	19.48	19.44		
10	256QAM	1	0	19.54	19.39	19.51	19.49	19.55	20.2	0
10	256QAM	1	25	19.52	19.46	19.63	19.57	19.52		
10	256QAM	1	49	19.53	19.47	19.61	19.48	19.49		
10	256QAM	25	0	19.52	19.41	19.56	19.48	19.44	20.2	0
10	256QAM	25	12	19.47	19.44	19.51	19.53	19.38		
10	256QAM	25	25	19.47	19.51	19.50	19.48	19.53		
10	256QAM	50	0	19.45	19.45	19.43	19.42	19.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.41	19.39	19.56	19.49	19.39	20.20	0
5	QPSK	1	12	19.53	19.43	19.45	19.59	19.58		
5	QPSK	1	24	19.47	19.53	19.56	19.52	19.37		
5	QPSK	12	0	19.44	19.41	19.56	19.56	19.52	20.2	0
5	QPSK	12	7	19.57	19.43	19.56	19.50	19.54		
5	QPSK	12	13	19.47	19.43	19.51	19.52	19.43		
5	QPSK	25	0	19.51	19.53	19.57	19.48	19.47		
5	16QAM	1	0	19.44	19.48	19.61	19.50	19.51	20.2	0
5	16QAM	1	12	19.48	19.46	19.56	19.49	19.49		
5	16QAM	1	24	19.58	19.39	19.58	19.52	19.38		
5	16QAM	12	0	19.51	19.51	19.59	19.53	19.51	20.2	0
5	16QAM	12	7	19.53	19.39	19.61	19.55	19.48		
5	16QAM	12	13	19.54	19.48	19.53	19.45	19.51		
5	16QAM	25	0	19.44	19.40	19.56	19.45	19.50		
5	64QAM	1	0	19.58	19.48	19.57	19.51	19.50	20.2	0
5	64QAM	1	12	19.49	19.46	19.57	19.53	19.48		
5	64QAM	1	24	19.47	19.52	19.55	19.54	19.55		
5	64QAM	12	0	19.51	19.53	19.55	19.53	19.52	20.2	0
5	64QAM	12	7	19.49	19.36	19.54	19.48	19.56		
5	64QAM	12	13	19.45	19.48	19.56	19.54	19.42		
5	64QAM	25	0	19.52	19.44	19.49	19.52	19.47		
5	256QAM	1	0	19.42	19.40	19.52	19.52	19.53	20.2	0
5	256QAM	1	12	19.52	19.47	19.58	19.56	19.54		
5	256QAM	1	24	19.58	19.46	19.60	19.52	19.46		
5	256QAM	12	0	19.43	19.44	19.53	19.58	19.46	20.2	0
5	256QAM	12	7	19.50	19.37	19.50	19.55	19.45		
5	256QAM	12	13	19.48	19.41	19.51	19.52	19.60		
5	256QAM	25	0	19.45	19.50	19.55	19.45	19.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.07	18.34	18.14	18.7	0
20	QPSK	1	49	18.15	18.26	18.04		
20	QPSK	1	99	18.15	18.18	18.02		
20	QPSK	50	0	18.15	18.30	18.13	18.7	0
20	QPSK	50	24	18.15	18.29	18.13		
20	QPSK	50	50	18.12	18.25	18.02		
20	QPSK	100	0	18.08	18.23	18.06		
20	16QAM	1	0	18.06	18.19	18.13	18.7	0
20	16QAM	1	49	18.07	18.24	18.06		
20	16QAM	1	99	18.08	18.18	18.05		
20	16QAM	50	0	18.05	18.30	18.06	18.7	0
20	16QAM	50	24	18.12	18.30	18.13		
20	16QAM	50	50	18.12	18.21	18.06		
20	16QAM	100	0	18.11	18.21	18.04		
20	64QAM	1	0	18.11	18.22	18.12	18.7	0
20	64QAM	1	49	18.09	18.25	18.07		
20	64QAM	1	99	18.05	18.21	18.13		
20	64QAM	50	0	18.15	18.22	18.04	18.7	0
20	64QAM	50	24	18.07	18.18	18.09		
20	64QAM	50	50	18.12	18.27	18.03		
20	64QAM	100	0	18.09	18.24	18.05		
20	256QAM	1	0	18.11	18.23	18.12	18.7	0
20	256QAM	1	49	18.06	18.30	18.11		
20	256QAM	1	99	18.07	18.24	18.10		
20	256QAM	50	0	18.12	18.21	18.06	18.7	0
20	256QAM	50	24	18.08	18.23	18.11		
20	256QAM	50	50	18.07	18.21	18.13		
20	256QAM	100	0	18.13	18.22	18.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.98	18.28	18.11	18.7	0
15	QPSK	1	37	18.10	18.22	17.99		
15	QPSK	1	74	18.08	18.13	17.98		
15	QPSK	36	0	18.07	18.21	18.10	18.7	0
15	QPSK	36	20	18.13	18.25	18.03		
15	QPSK	36	39	18.05	18.18	17.99		
15	QPSK	75	0	18.04	18.15	18.01		
15	16QAM	1	0	17.99	18.15	18.08	18.7	0
15	16QAM	1	37	18.02	18.17	17.98		
15	16QAM	1	74	18.00	18.11	18.00		
15	16QAM	36	0	17.96	18.26	18.01	18.7	0
15	16QAM	36	20	18.05	18.22	18.06		
15	16QAM	36	39	18.08	18.14	17.99		
15	16QAM	75	0	18.01	18.18	17.96		
15	64QAM	1	0	18.09	18.12	18.10	18.7	0
15	64QAM	1	37	18.06	18.19	18.00		
15	64QAM	1	74	18.00	18.14	18.11		
15	64QAM	36	0	18.11	18.14	18.01	18.7	0
15	64QAM	36	20	18.04	18.11	18.05		
15	64QAM	36	39	18.08	18.22	17.98		
15	64QAM	75	0	18.01	18.15	17.97		
15	256QAM	1	0	18.06	18.15	18.03	18.7	0
15	256QAM	1	37	18.03	18.22	18.06		
15	256QAM	1	74	18.04	18.20	18.07		
15	256QAM	36	0	18.03	18.19	17.97	18.7	0
15	256QAM	36	20	18.05	18.13	18.07		
15	256QAM	36	39	18.01	18.17	18.05		
15	256QAM	75	0	18.07	18.19	18.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.03	18.31	18.12	18.7	0
10	QPSK	1	25	18.12	18.18	17.98		
10	QPSK	1	49	18.07	18.08	17.98		
10	QPSK	25	0	18.07	18.22	18.09	18.7	0
10	QPSK	25	12	18.13	18.25	18.07		
10	QPSK	25	25	18.06	18.22	17.97		
10	QPSK	50	0	18.02	18.19	17.97		
10	16QAM	1	0	17.98	18.12	18.03	18.7	0
10	16QAM	1	25	18.04	18.20	17.96		
10	16QAM	1	49	17.98	18.09	17.99		
10	16QAM	25	0	17.98	18.24	18.00	18.7	0
10	16QAM	25	12	18.09	18.22	18.07		
10	16QAM	25	25	18.07	18.16	18.04		
10	16QAM	50	0	18.01	18.15	17.96		
10	64QAM	1	0	18.05	18.19	18.09	18.7	0
10	64QAM	1	25	18.05	18.17	18.01		
10	64QAM	1	49	18.03	18.15	18.03		
10	64QAM	25	0	18.06	18.16	18.00	18.7	0
10	64QAM	25	12	18.04	18.12	18.01		
10	64QAM	25	25	18.08	18.19	17.99		
10	64QAM	50	0	18.00	18.21	18.02		
10	256QAM	1	0	18.08	18.15	18.07	18.7	0
10	256QAM	1	25	17.99	18.23	18.04		
10	256QAM	1	49	17.99	18.18	18.07		
10	256QAM	25	0	18.07	18.12	17.96	18.7	0
10	256QAM	25	12	18.01	18.19	18.07		
10	256QAM	25	25	18.03	18.17	18.09		
10	256QAM	50	0	18.09	18.18	18.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.01	18.27	18.05	18.7	0
5	QPSK	1	12	18.09	18.22	17.99		
5	QPSK	1	24	18.10	18.09	17.98		
5	QPSK	12	0	18.11	18.21	18.10	18.7	0
5	QPSK	12	7	18.07	18.26	18.04		
5	QPSK	12	13	18.04	18.16	17.92		
5	QPSK	25	0	18.03	18.20	18.02		
5	16QAM	1	0	18.02	18.10	18.11	18.7	0
5	16QAM	1	12	18.05	18.19	17.99		
5	16QAM	1	24	18.06	18.11	18.02		
5	16QAM	12	0	18.00	18.27	18.04	18.7	0
5	16QAM	12	7	18.07	18.25	18.05		
5	16QAM	12	13	18.05	18.18	17.98		
5	16QAM	25	0	18.03	18.13	17.97		
5	64QAM	1	0	18.06	18.19	18.10	18.7	0
5	64QAM	1	12	18.04	18.16	18.02		
5	64QAM	1	24	17.99	18.18	18.10		
5	64QAM	12	0	18.12	18.13	18.00	18.7	0
5	64QAM	12	7	17.99	18.15	18.04		
5	64QAM	12	13	18.06	18.22	17.98		
5	64QAM	25	0	18.03	18.18	17.96		
5	256QAM	1	0	18.02	18.16	18.08	18.7	0
5	256QAM	1	12	17.97	18.21	18.03		
5	256QAM	1	24	18.01	18.16	18.03		
5	256QAM	12	0	18.09	18.17	17.97	18.7	0
5	256QAM	12	7	18.05	18.16	18.03		
5	256QAM	12	13	18.02	18.12	18.08		
5	256QAM	25	0	18.08	18.18	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.80	16.95	16.70	16.73	18	0
20	QPSK	1	49	16.75	16.76	16.72	16.67		
20	QPSK	1	99	16.79	16.77	16.68	16.69		
20	QPSK	50	0	16.75	16.86	16.65	16.73	18	0
20	QPSK	50	24	16.72	16.85	16.71	16.76		
20	QPSK	50	50	16.79	16.74	16.70	16.71		
20	QPSK	100	0	16.74	16.82	16.65	16.69		
20	16QAM	1	0	16.77	16.79	16.68	16.76	18	0
20	16QAM	1	49	16.72	16.74	16.65	16.75		
20	16QAM	1	99	16.74	16.77	16.67	16.77		
20	16QAM	50	0	16.77	16.83	16.64	16.75	18	0
20	16QAM	50	24	16.70	16.81	16.64	16.75		
20	16QAM	50	50	16.74	16.76	16.66	16.70		
20	16QAM	100	0	16.76	16.81	16.61	16.76		
20	64QAM	1	0	16.73	16.84	16.68	16.71	18	0
20	64QAM	1	49	16.80	16.78	16.65	16.71		
20	64QAM	1	99	16.75	16.82	16.71	16.76		
20	64QAM	50	0	16.73	16.84	16.71	16.71	18	0
20	64QAM	50	24	16.79	16.74	16.68	16.69		
20	64QAM	50	50	16.80	16.77	16.61	16.77		
20	64QAM	100	0	16.69	16.74	16.65	16.65		
20	256QAM	1	0	16.71	16.85	16.69	16.75	18	0
20	256QAM	1	49	16.75	16.80	16.73	16.70		
20	256QAM	1	99	16.78	16.76	16.70	16.77		
20	256QAM	50	0	16.77	16.81	16.72	16.72	18	0
20	256QAM	50	24	16.81	16.74	16.65	16.74		
20	256QAM	50	50	16.75	16.85	16.61	16.66		
20	256QAM	100	0	16.74	16.79	16.62	16.68		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.71	16.81	16.63	16.69	18	0
15	QPSK	1	37	16.69	16.72	16.59	16.57		
15	QPSK	1	74	16.64	16.68	16.60	16.63		
15	QPSK	36	0	16.61	16.59	16.53	16.58	18	0
15	QPSK	36	20	16.58	16.80	16.66	16.70		
15	QPSK	36	39	16.69	16.70	16.59	16.64		
15	QPSK	75	0	16.61	16.67	16.50	16.58		
15	16QAM	1	0	16.71	16.75	16.56	16.71	18	0
15	16QAM	1	37	16.61	16.60	16.50	16.68		
15	16QAM	1	74	16.63	16.69	16.51	16.72		
15	16QAM	36	0	16.63	16.74	16.56	16.64	18	0
15	16QAM	36	20	16.63	16.68	16.55	16.69		
15	16QAM	36	39	16.58	16.62	16.57	16.64		
15	16QAM	75	0	16.64	16.70	16.47	16.68		
15	64QAM	1	0	16.67	16.79	16.57	16.64	18	0
15	64QAM	1	37	16.66	16.69	16.52	16.63		
15	64QAM	1	74	16.64	16.67	16.66	16.65		
15	64QAM	36	0	16.64	16.77	16.59	16.57	18	0
15	64QAM	36	20	16.72	16.64	16.62	16.57		
15	64QAM	36	39	16.75	16.71	16.53	16.69		
15	64QAM	75	0	16.64	16.65	16.52	16.49		
15	256QAM	1	0	16.57	16.74	16.60	16.61	18	0
15	256QAM	1	37	16.71	16.65	16.64	16.58		
15	256QAM	1	74	16.70	16.72	16.57	16.70		
15	256QAM	36	0	16.68	16.68	16.65	16.60	18	0
15	256QAM	36	20	16.68	16.66	16.52	16.64		
15	256QAM	36	39	16.68	16.75	16.45	16.61		
15	256QAM	75	0	16.63	16.63	16.51	16.62		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.72	16.76	16.62	16.58	18	0
10	QPSK	1	25	16.68	16.68	16.66	16.61		
10	QPSK	1	49	16.75	16.69	16.56	16.57		
10	QPSK	25	0	16.69	16.58	16.53	16.62	18	0
10	QPSK	25	12	16.56	16.75	16.57	16.61		
10	QPSK	25	25	16.64	16.64	16.58	16.62		
10	QPSK	50	0	16.61	16.78	16.58	16.53		
10	16QAM	1	0	16.67	16.64	16.62	16.63	18	0
10	16QAM	1	25	16.67	16.58	16.52	16.71		
10	16QAM	1	49	16.58	16.73	16.57	16.64		
10	16QAM	25	0	16.64	16.72	16.49	16.65	18	0
10	16QAM	25	12	16.57	16.69	16.52	16.64		
10	16QAM	25	25	16.64	16.66	16.54	16.64		
10	16QAM	50	0	16.71	16.68	16.45	16.61		
10	64QAM	1	0	16.57	16.68	16.61	16.59	18	0
10	64QAM	1	25	16.73	16.66	16.54	16.61		
10	64QAM	1	49	16.68	16.69	16.64	16.60		
10	64QAM	25	0	16.57	16.79	16.55	16.65	18	0
10	64QAM	25	12	16.73	16.66	16.61	16.57		
10	64QAM	25	25	16.69	16.62	16.50	16.71		
10	64QAM	50	0	16.55	16.63	16.53	16.57		
10	256QAM	1	0	16.65	16.71	16.57	16.62	18	0
10	256QAM	1	25	16.69	16.73	16.64	16.60		
10	256QAM	1	49	16.65	16.71	16.58	16.65		
10	256QAM	25	0	16.68	16.74	16.66	16.58	18	0
10	256QAM	25	12	16.67	16.69	16.50	16.60		
10	256QAM	25	25	16.65	16.80	16.55	16.52		
10	256QAM	50	0	16.69	16.74	16.46	16.59		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.75	16.70	16.64	16.64	18	0
5	QPSK	1	12	16.64	16.67	16.63	16.54		
5	QPSK	1	24	16.74	16.71	16.61	16.58		
5	QPSK	12	0	16.62	16.67	16.59	16.59	18	0
5	QPSK	12	7	16.67	16.80	16.63	16.67		
5	QPSK	12	13	16.65	16.65	16.62	16.57		
5	QPSK	25	0	16.69	16.66	16.50	16.58		
5	16QAM	1	0	16.64	16.71	16.53	16.63	18	0
5	16QAM	1	12	16.58	16.62	16.61	16.61		
5	16QAM	1	24	16.63	16.68	16.54	16.62		
5	16QAM	12	0	16.65	16.74	16.55	16.69	18	0
5	16QAM	12	7	16.58	16.67	16.50	16.61		
5	16QAM	12	13	16.65	16.72	16.58	16.62		
5	16QAM	25	0	16.61	16.70	16.51	16.70		
5	64QAM	1	0	16.61	16.70	16.58	16.65	18	0
5	64QAM	1	12	16.68	16.63	16.60	16.56		
5	64QAM	1	24	16.60	16.72	16.66	16.69		
5	64QAM	12	0	16.66	16.72	16.61	16.63	18	0
5	64QAM	12	7	16.70	16.64	16.54	16.60		
5	64QAM	12	13	16.65	16.67	16.49	16.69		
5	64QAM	25	0	16.59	16.68	16.49	16.55		
5	256QAM	1	0	16.57	16.72	16.62	16.66	18	0
5	256QAM	1	12	16.59	16.71	16.65	16.58		
5	256QAM	1	24	16.66	16.67	16.65	16.63		
5	256QAM	12	0	16.65	16.67	16.60	16.68	18	0
5	256QAM	12	7	16.76	16.66	16.58	16.65		
5	256QAM	12	13	16.68	16.75	16.54	16.50		
5	256QAM	25	0	16.67	16.72	16.49	16.52		

GSM1900 Ant5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.98	27.10	27.03	28.40	17.98	18.10	18.03	19.40
GPRS 1 Tx slot	26.94	27.07	27.03	28.40	17.94	18.07	18.03	19.40
GPRS 2 Tx slots	23.97	24.14	24.06	25.40	17.97	18.14	18.06	19.40
GPRS 3 Tx slots	22.26	22.34	22.21	23.60	18.00	18.08	17.95	19.34
GPRS 4 Tx slots	21.02	21.09	21.02	22.40	18.02	18.09	18.02	19.40
EDGE 1 Tx slot	25.31	25.36	25.30	23.70	16.31	16.36	16.30	14.70
EDGE 2 Tx slots	22.34	22.45	22.40	20.70	16.34	16.45	16.40	14.70
EDGE 3 Tx slots	20.44	20.59	20.53	18.90	16.18	16.33	16.27	14.64
EDGE 4 Tx slots	19.28	19.36	19.35	17.70	16.28	16.36	16.35	14.70

Band		WCDMA II Ant5 DSI1			Tune-up Limit (dBm)	WCDMA IV Ant5 DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.93	16.94	16.90	18.20	17.44	17.43	17.37	18.70
3GPP Rel 99	RMC 12.2Kbps	17.01	17.02	16.89	18.20	17.46	17.53	17.47	18.70
3GPP Rel 6	HSDPA Subtest-1	15.94	15.95	15.87	17.20	16.53	16.48	16.30	17.70
3GPP Rel 6	HSDPA Subtest-2	15.90	16.10	15.92	17.20	16.47	16.52	16.33	17.70
3GPP Rel 6	HSDPA Subtest-3	15.52	15.46	15.35	16.70	15.89	16.02	15.85	17.20
3GPP Rel 6	HSDPA Subtest-4	15.54	15.44	15.33	16.70	16.01	16.03	15.86	17.20
3GPP Rel 8	DC-HSDPA Subtest-1	15.98	16.03	15.87	17.20	16.55	16.50	16.45	17.70
3GPP Rel 8	DC-HSDPA Subtest-2	15.99	15.97	15.90	17.20	16.55	16.55	16.37	17.70
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.61	15.33	16.70	15.88	15.98	15.88	17.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.46	15.61	15.43	16.70	15.90	16.03	15.86	17.20
3GPP Rel 6	HSUPA Subtest-1	15.93	16.04	15.94	17.20	16.51	16.56	16.30	17.70
3GPP Rel 6	HSUPA Subtest-2	14.00	14.10	13.89	15.20	14.47	14.46	14.37	15.70
3GPP Rel 6	HSUPA Subtest-3	14.90	15.07	14.91	16.20	15.40	15.42	15.31	16.70
3GPP Rel 6	HSUPA Subtest-4	13.92	14.00	13.86	15.20	14.59	14.46	14.46	15.70
3GPP Rel 6	HSUPA Subtest-5	15.92	15.91	15.89	17.20	16.50	16.44	16.35	17.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.51	13.53	13.41	14.70	13.98	14.00	13.96	15.20

Band 2 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.47	15.65	15.50	16.6	0
20	QPSK	1	49	15.53	15.62	15.55		
20	QPSK	1	99	15.52	15.60	15.48		
20	QPSK	50	0	15.51	15.62	15.56	16.6	0
20	QPSK	50	24	15.48	15.60	15.52		
20	QPSK	50	50	15.55	15.61	15.51		
20	QPSK	100	0	15.56	15.57	15.56		
20	16QAM	1	0	15.56	15.57	15.50	16.6	0
20	16QAM	1	49	15.55	15.52	15.53		
20	16QAM	1	99	15.52	15.54	15.59		
20	16QAM	50	0	15.45	15.62	15.55	16.6	0
20	16QAM	50	24	15.51	15.62	15.48		
20	16QAM	50	50	15.50	15.51	15.53		
20	16QAM	100	0	15.47	15.53	15.51		
20	64QAM	1	0	15.57	15.62	15.48	16.6	0
20	64QAM	1	49	15.48	15.58	15.49		
20	64QAM	1	99	15.51	15.51	15.51		
20	64QAM	50	0	15.46	15.57	15.58	16.6	0
20	64QAM	50	24	15.49	15.58	15.48		
20	64QAM	50	50	15.45	15.43	15.48		
20	64QAM	100	0	15.54	15.52	15.56		
20	256QAM	1	0	15.50	15.55	15.50	16.6	0
20	256QAM	1	49	15.50	15.61	15.51		
20	256QAM	1	99	15.47	15.57	15.54		
20	256QAM	50	0	15.46	15.61	15.56	16.6	0
20	256QAM	50	24	15.44	15.58	15.56		
20	256QAM	50	50	15.50	15.52	15.57		
20	256QAM	100	0	15.52	15.58	15.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.37	15.36	15.41	16.6	0
15	QPSK	1	37	15.43	15.56	15.46		
15	QPSK	1	74	15.43	15.53	15.43		
15	QPSK	36	0	15.44	15.42	15.51	16.6	0
15	QPSK	36	20	15.40	15.49	15.41		
15	QPSK	36	39	15.46	15.54	15.45		
15	QPSK	75	0	15.51	15.52	15.46		
15	16QAM	1	0	15.44	15.45	15.38	16.6	0
15	16QAM	1	37	15.49	15.42	15.41		
15	16QAM	1	74	15.38	15.41	15.50		
15	16QAM	36	0	15.34	15.54	15.40	16.6	0
15	16QAM	36	20	15.42	15.46	15.32		
15	16QAM	36	39	15.44	15.40	15.46		
15	16QAM	75	0	15.42	15.42	15.38		
15	64QAM	1	0	15.46	15.54	15.36	16.6	0
15	64QAM	1	37	15.44	15.45	15.41		
15	64QAM	1	74	15.45	15.46	15.45		
15	64QAM	36	0	15.37	15.53	15.50	16.6	0
15	64QAM	36	20	15.41	15.50	15.37		
15	64QAM	36	39	15.38	15.54	15.34		
15	64QAM	75	0	15.45	15.43	15.47		
15	256QAM	1	0	15.46	15.49	15.44	16.6	0
15	256QAM	1	37	15.34	15.51	15.39		
15	256QAM	1	74	15.40	15.50	15.41		
15	256QAM	36	0	15.31	15.47	15.44	16.6	0
15	256QAM	36	20	15.35	15.44	15.43		
15	256QAM	36	39	15.40	15.45	15.44		
15	256QAM	75	0	15.39	15.45	15.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.41	15.43	15.44	16.6	0
10	QPSK	1	25	15.43	15.48	15.42		
10	QPSK	1	49	15.44	15.52	15.33		
10	QPSK	25	0	15.36	15.41	15.52	16.6	0
10	QPSK	25	12	15.40	15.45	15.46		
10	QPSK	25	25	15.47	15.50	15.46		
10	QPSK	50	0	15.43	15.42	15.44		
10	16QAM	1	0	15.48	15.52	15.35	16.6	0
10	16QAM	1	25	15.41	15.41	15.41		
10	16QAM	1	49	15.42	15.41	15.53		
10	16QAM	25	0	15.32	15.47	15.40	16.6	0
10	16QAM	25	12	15.40	15.57	15.43		
10	16QAM	25	25	15.45	15.43	15.43		
10	16QAM	50	0	15.39	15.43	15.47		
10	64QAM	1	0	15.46	15.47	15.38	16.6	0
10	64QAM	1	25	15.41	15.45	15.41		
10	64QAM	1	49	15.44	15.36	15.43		
10	64QAM	25	0	15.41	15.52	15.50	16.6	0
10	64QAM	25	12	15.34	15.49	15.42		
10	64QAM	25	25	15.39	15.56	15.33		
10	64QAM	50	0	15.44	15.45	15.43		
10	256QAM	1	0	15.41	15.46	15.38	16.6	0
10	256QAM	1	25	15.37	15.57	15.45		
10	256QAM	1	49	15.34	15.49	15.42		
10	256QAM	25	0	15.40	15.55	15.41	16.6	0
10	256QAM	25	12	15.32	15.48	15.45		
10	256QAM	25	25	15.39	15.46	15.47		
10	256QAM	50	0	15.40	15.50	15.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.31	15.41	15.44	16.6	0
5	QPSK	1	12	15.38	15.55	15.51		
5	QPSK	1	24	15.41	15.45	15.33		
5	QPSK	12	0	15.40	15.47	15.50	16.6	0
5	QPSK	12	7	15.37	15.53	15.47		
5	QPSK	12	13	15.44	15.46	15.42		
5	QPSK	25	0	15.42	15.44	15.44		
5	16QAM	1	0	15.43	15.50	15.46	16.6	0
5	16QAM	1	12	15.45	15.38	15.45		
5	16QAM	1	24	15.45	15.44	15.48		
5	16QAM	12	0	15.41	15.50	15.42	16.6	0
5	16QAM	12	7	15.43	15.53	15.40		
5	16QAM	12	13	15.46	15.39	15.40		
5	16QAM	25	0	15.38	15.47	15.35		
5	64QAM	1	0	15.53	15.57	15.36	16.6	0
5	64QAM	1	12	15.39	15.45	15.36		
5	64QAM	1	24	15.45	15.43	15.42		
5	64QAM	12	0	15.34	15.42	15.48	16.6	0
5	64QAM	12	7	15.38	15.50	15.39		
5	64QAM	12	13	15.29	15.51	15.41		
5	64QAM	25	0	15.39	15.47	15.49		
5	256QAM	1	0	15.42	15.40	15.38	16.6	0
5	256QAM	1	12	15.44	15.54	15.36		
5	256QAM	1	24	15.34	15.49	15.44		
5	256QAM	12	0	15.42	15.57	15.47	16.6	0
5	256QAM	12	7	15.39	15.47	15.44		
5	256QAM	12	13	15.45	15.46	15.46		
5	256QAM	25	0	15.36	15.43	15.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.35	15.37	15.39	16.6	0
3	QPSK	1	8	15.40	15.55	15.47		
3	QPSK	1	14	15.36	15.50	15.40		
3	QPSK	8	0	15.44	15.47	15.52	16.6	0
3	QPSK	8	4	15.34	15.51	15.41		
3	QPSK	8	7	15.45	15.48	15.47		
3	QPSK	15	0	15.44	15.49	15.50		
3	16QAM	1	0	15.46	15.44	15.36	16.6	0
3	16QAM	1	8	15.45	15.39	15.46		
3	16QAM	1	14	15.36	15.44	15.48		
3	16QAM	8	0	15.31	15.54	15.49	16.6	0
3	16QAM	8	4	15.40	15.56	15.41		
3	16QAM	8	7	15.43	15.36	15.39		
3	16QAM	15	0	15.32	15.42	15.37		
3	64QAM	1	0	15.41	15.48	15.33	16.6	0
3	64QAM	1	8	15.34	15.52	15.34		
3	64QAM	1	14	15.40	15.46	15.46		
3	64QAM	8	0	15.41	15.53	15.48	16.6	0
3	64QAM	8	4	15.44	15.52	15.35		
3	64QAM	8	7	15.31	15.58	15.34		
3	64QAM	15	0	15.50	15.43	15.41		
3	256QAM	1	0	15.43	15.49	15.38	16.6	0
3	256QAM	1	8	15.41	15.57	15.41		
3	256QAM	1	14	15.40	15.46	15.50		
3	256QAM	8	0	15.41	15.55	15.51	16.6	0
3	256QAM	8	4	15.30	15.43	15.40		
3	256QAM	8	7	15.41	15.38	15.43		
3	256QAM	15	0	15.40	15.50	15.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.38	15.40	15.38	16.6	0
1.4	QPSK	1	3	15.48	15.52	15.46		
1.4	QPSK	1	5	15.39	15.48	15.38		
1.4	QPSK	3	0	15.45	15.43	15.43		
1.4	QPSK	3	1	15.39	15.52	15.36		
1.4	QPSK	3	3	15.50	15.57	15.38		
1.4	QPSK	6	0	15.47	15.47	15.47	16.6	0
1.4	16QAM	1	0	15.48	15.51	15.39	16.6	0
1.4	16QAM	1	3	15.50	15.45	15.39		
1.4	16QAM	1	5	15.37	15.48	15.51		
1.4	16QAM	3	0	15.31	15.47	15.44		
1.4	16QAM	3	1	15.35	15.53	15.35		
1.4	16QAM	3	3	15.47	15.43	15.40		
1.4	16QAM	6	0	15.43	15.49	15.41	16.6	0
1.4	64QAM	1	0	15.48	15.53	15.34	16.6	0
1.4	64QAM	1	3	15.37	15.49	15.44		
1.4	64QAM	1	5	15.39	15.35	15.37		
1.4	64QAM	3	0	15.31	15.52	15.46		
1.4	64QAM	3	1	15.39	15.53	15.37		
1.4	64QAM	3	3	15.40	15.52	15.40		
1.4	64QAM	6	0	15.47	15.37	15.45	16.6	0
1.4	256QAM	1	0	15.38	15.42	15.40	16.6	0
1.4	256QAM	1	3	15.42	15.56	15.44		
1.4	256QAM	1	5	15.34	15.51	15.47		
1.4	256QAM	3	0	15.35	15.57	15.50		
1.4	256QAM	3	1	15.36	15.43	15.46		
1.4	256QAM	3	3	15.45	15.38	15.51		
1.4	256QAM	6	0	15.42	15.51	15.38	16.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.84	18.99	18.83	20	0
20	QPSK	1	49	18.90	18.92	18.84		
20	QPSK	1	99	18.91	18.91	18.84		
20	QPSK	50	0	18.93	18.97	18.90	20	0
20	QPSK	50	24	18.83	18.95	18.82		
20	QPSK	50	50	18.90	18.92	18.85		
20	QPSK	100	0	18.82	18.94	18.84		
20	16QAM	1	0	18.93	18.95	18.83	20	0
20	16QAM	1	49	18.90	18.98	18.91		
20	16QAM	1	99	18.88	18.87	18.82		
20	16QAM	50	0	18.89	18.90	18.91	20	0
20	16QAM	50	24	18.92	18.88	18.92		
20	16QAM	50	50	18.86	18.92	18.89		
20	16QAM	100	0	18.82	18.90	18.82		
20	64QAM	1	0	18.92	18.95	18.85	20	0
20	64QAM	1	49	18.87	18.88	18.88		
20	64QAM	1	99	18.86	18.86	18.85		
20	64QAM	50	0	18.87	18.98	18.82	20	0
20	64QAM	50	24	18.89	18.92	18.89		
20	64QAM	50	50	18.82	18.95	18.90		
20	64QAM	100	0	18.88	18.95	18.84		
20	256QAM	1	0	18.88	18.89	18.91	20	0
20	256QAM	1	49	18.92	18.96	18.90		
20	256QAM	1	99	18.90	18.95	18.82		
20	256QAM	50	0	18.89	18.91	18.83	20	0
20	256QAM	50	24	18.84	18.89	18.88		
20	256QAM	50	50	18.94	18.87	18.80		
20	256QAM	100	0	18.83	18.94	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.70	18.77	18.75	20	0
15	QPSK	1	37	18.79	18.87	18.72		
15	QPSK	1	74	18.84	18.78	18.79		
15	QPSK	36	0	18.80	18.82	18.79	20	0
15	QPSK	36	20	18.68	18.87	18.74		
15	QPSK	36	39	18.82	18.87	18.80		
15	QPSK	75	0	18.67	18.84	18.74		
15	16QAM	1	0	18.80	18.81	18.69	20	0
15	16QAM	1	37	18.85	18.87	18.86		
15	16QAM	1	74	18.72	18.75	18.71		
15	16QAM	36	0	18.83	18.78	18.82	20	0
15	16QAM	36	20	18.80	18.81	18.84		
15	16QAM	36	39	18.80	18.81	18.76		
15	16QAM	75	0	18.75	18.85	18.71		
15	64QAM	1	0	18.77	18.90	18.81	20	0
15	64QAM	1	37	18.77	18.81	18.82		
15	64QAM	1	74	18.70	18.75	18.73		
15	64QAM	36	0	18.83	18.93	18.78	20	0
15	64QAM	36	20	18.80	18.84	18.84		
15	64QAM	36	39	18.69	18.84	18.83		
15	64QAM	75	0	18.78	18.88	18.71		
15	256QAM	1	0	18.74	18.81	18.86	20	0
15	256QAM	1	37	18.81	18.85	18.78		
15	256QAM	1	74	18.78	18.84	18.76		
15	256QAM	36	0	18.76	18.77	18.77	20	0
15	256QAM	36	20	18.74	18.76	18.83		
15	256QAM	36	39	18.89	18.81	18.68		
15	256QAM	75	0	18.72	18.86	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.71	18.81	18.72	20	0
10	QPSK	1	25	18.75	18.86	18.70		
10	QPSK	1	49	18.83	18.80	18.69		
10	QPSK	25	0	18.84	18.86	18.81	20	0
10	QPSK	25	12	18.79	18.86	18.68		
10	QPSK	25	25	18.85	18.76	18.75		
10	QPSK	50	0	18.77	18.79	18.77		
10	16QAM	1	0	18.79	18.90	18.70	20	0
10	16QAM	1	25	18.78	18.87	18.80		
10	16QAM	1	49	18.75	18.78	18.72		
10	16QAM	25	0	18.78	18.78	18.82	20	0
10	16QAM	25	12	18.88	18.75	18.84		
10	16QAM	25	25	18.70	18.80	18.83		
10	16QAM	50	0	18.75	18.77	18.71		
10	64QAM	1	0	18.85	18.85	18.71	20	0
10	64QAM	1	25	18.81	18.73	18.83		
10	64QAM	1	49	18.77	18.72	18.78		
10	64QAM	25	0	18.77	18.86	18.69	20	0
10	64QAM	25	12	18.76	18.81	18.82		
10	64QAM	25	25	18.71	18.84	18.78		
10	64QAM	50	0	18.72	18.82	18.79		
10	256QAM	1	0	18.72	18.79	18.79	20	0
10	256QAM	1	25	18.85	18.82	18.75		
10	256QAM	1	49	18.77	18.80	18.70		
10	256QAM	25	0	18.82	18.75	18.69	20	0
10	256QAM	25	12	18.69	18.74	18.75		
10	256QAM	25	25	18.87	18.75	18.68		
10	256QAM	50	0	18.69	18.80	18.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.78	18.86	18.76	20	0
5	QPSK	1	12	18.74	18.81	18.77		
5	QPSK	1	24	18.80	18.81	18.71		
5	QPSK	12	0	18.89	18.90	18.78	20	0
5	QPSK	12	7	18.74	18.88	18.74		
5	QPSK	12	13	18.83	18.88	18.77		
5	QPSK	25	0	18.73	18.85	18.76		
5	16QAM	1	0	18.85	18.91	18.74	20	0
5	16QAM	1	12	18.81	18.83	18.84		
5	16QAM	1	24	18.84	18.83	18.67		
5	16QAM	12	0	18.76	18.81	18.75	20	0
5	16QAM	12	7	18.86	18.83	18.87		
5	16QAM	12	13	18.71	18.79	18.81		
5	16QAM	25	0	18.73	18.82	18.76		
5	64QAM	1	0	18.87	18.89	18.80	20	0
5	64QAM	1	12	18.75	18.73	18.76		
5	64QAM	1	24	18.80	18.71	18.74		
5	64QAM	12	0	18.79	18.84	18.71	20	0
5	64QAM	12	7	18.75	18.81	18.80		
5	64QAM	12	13	18.72	18.84	18.84		
5	64QAM	25	0	18.81	18.82	18.73		
5	256QAM	1	0	18.83	18.75	18.85	20	0
5	256QAM	1	12	18.78	18.83	18.78		
5	256QAM	1	24	18.74	18.80	18.77		
5	256QAM	12	0	18.82	18.84	18.75	20	0
5	256QAM	12	7	18.78	18.75	18.79		
5	256QAM	12	13	18.79	18.74	18.64		
5	256QAM	25	0	18.74	18.88	18.80		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.72	18.80	18.75	20	0
3	QPSK	1	8	18.84	18.86	18.73		
3	QPSK	1	14	18.78	18.79	18.78		
3	QPSK	8	0	18.79	18.88	18.81	20	0
3	QPSK	8	4	18.76	18.81	18.75		
3	QPSK	8	7	18.84	18.80	18.70		
3	QPSK	15	0	18.77	18.88	18.79		
3	16QAM	1	0	18.87	18.85	18.69	20	0
3	16QAM	1	8	18.78	18.83	18.80		
3	16QAM	1	14	18.74	18.72	18.69		
3	16QAM	8	0	18.78	18.79	18.85	20	0
3	16QAM	8	4	18.78	18.78	18.84		
3	16QAM	8	7	18.74	18.78	18.78		
3	16QAM	15	0	18.76	18.78	18.74		
3	64QAM	1	0	18.77	18.87	18.76	20	0
3	64QAM	1	8	18.73	18.83	18.79		
3	64QAM	1	14	18.81	18.81	18.75		
3	64QAM	8	0	18.78	18.88	18.77	20	0
3	64QAM	8	4	18.82	18.79	18.76		
3	64QAM	8	7	18.68	18.79	18.78		
3	64QAM	15	0	18.73	18.85	18.71		
3	256QAM	1	0	18.83	18.73	18.78	20	0
3	256QAM	1	8	18.84	18.91	18.78		
3	256QAM	1	14	18.79	18.89	18.68		
3	256QAM	8	0	18.81	18.82	18.76	20	0
3	256QAM	8	4	18.68	18.77	18.72		
3	256QAM	8	7	18.82	18.74	18.68		
3	256QAM	15	0	18.71	18.82	18.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.74	18.88	18.74	20	0
1.4	QPSK	1	3	18.75	18.85	18.76		
1.4	QPSK	1	5	18.86	18.82	18.73		
1.4	QPSK	3	0	18.80	18.88	18.77		
1.4	QPSK	3	1	18.77	18.81	18.69		
1.4	QPSK	3	3	18.79	18.81	18.81		
1.4	QPSK	6	0	18.73	18.85	18.70	20	0
1.4	16QAM	1	0	18.81	18.80	18.68	20	0
1.4	16QAM	1	3	18.76	18.87	18.82		
1.4	16QAM	1	5	18.80	18.78	18.74		
1.4	16QAM	3	0	18.79	18.80	18.84		
1.4	16QAM	3	1	18.79	18.83	18.78		
1.4	16QAM	3	3	18.70	18.84	18.73		
1.4	16QAM	6	0	18.75	18.75	18.70	20	0
1.4	64QAM	1	0	18.78	18.86	18.77	20	0
1.4	64QAM	1	3	18.72	18.81	18.84		
1.4	64QAM	1	5	18.82	18.76	18.75		
1.4	64QAM	3	0	18.77	18.93	18.76		
1.4	64QAM	3	1	18.85	18.81	18.78		
1.4	64QAM	3	3	18.73	18.81	18.84		
1.4	64QAM	6	0	18.73	18.83	18.76	20	0
1.4	256QAM	1	0	18.81	18.78	18.79	20	0
1.4	256QAM	1	3	18.84	18.90	18.81		
1.4	256QAM	1	5	18.86	18.84	18.68		
1.4	256QAM	3	0	18.76	18.80	18.77		
1.4	256QAM	3	1	18.73	18.79	18.73		
1.4	256QAM	3	3	18.87	18.77	18.70		
1.4	256QAM	6	0	18.69	18.87	18.86	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.19	19.32	19.16	20.1	0
20	QPSK	1	49	19.10	19.20	19.14		
20	QPSK	1	99	18.99	19.20	19.18		
20	QPSK	50	0	19.10	19.28	19.14	20.1	0
20	QPSK	50	24	19.12	19.17	19.20		
20	QPSK	50	50	19.17	19.23	19.09		
20	QPSK	100	0	19.04	19.23	19.19		
20	16QAM	1	0	19.10	19.15	19.15	20.1	0
20	16QAM	1	49	19.08	19.16	19.12		
20	16QAM	1	99	19.11	19.12	19.17		
20	16QAM	50	0	19.20	19.17	19.06	20.1	0
20	16QAM	50	24	19.10	19.17	19.13		
20	16QAM	50	50	19.09	19.15	19.20		
20	16QAM	100	0	19.12	19.10	19.13		
20	64QAM	1	0	19.12	19.06	19.21	20.1	0
20	64QAM	1	49	19.12	19.18	19.07		
20	64QAM	1	99	19.10	19.26	19.15		
20	64QAM	50	0	19.13	19.19	19.10	20.1	0
20	64QAM	50	24	19.10	19.26	19.08		
20	64QAM	50	50	19.07	19.11	19.23		
20	64QAM	100	0	19.11	19.25	19.17		
20	256QAM	1	0	19.03	19.25	19.14	20.1	0
20	256QAM	1	49	19.05	19.14	19.19		
20	256QAM	1	99	19.08	19.19	19.08		
20	256QAM	50	0	19.05	19.17	19.15	20.1	0
20	256QAM	50	24	19.12	19.10	19.10		
20	256QAM	50	50	19.14	19.17	19.11		
20	256QAM	100	0	19.10	19.23	19.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.14	19.20	19.03	20.1	0
15	QPSK	1	37	19.05	19.16	19.12		
15	QPSK	1	74	18.91	19.16	19.14		
15	QPSK	36	0	19.02	19.14	19.09	20.1	0
15	QPSK	36	20	19.04	19.10	19.08		
15	QPSK	36	39	19.08	19.11	19.01		
15	QPSK	75	0	19.01	19.20	19.10		
15	16QAM	1	0	19.00	19.08	19.09	20.1	0
15	16QAM	1	37	19.01	19.10	19.06		
15	16QAM	1	74	19.09	19.02	19.12		
15	16QAM	36	0	19.13	19.14	19.00	20.1	0
15	16QAM	36	20	18.99	19.14	19.03		
15	16QAM	36	39	18.98	19.01	19.16		
15	16QAM	75	0	19.07	19.03	19.05		
15	64QAM	1	0	19.04	19.03	19.17	20.1	0
15	64QAM	1	37	18.98	19.09	18.97		
15	64QAM	1	74	19.00	19.23	19.04		
15	64QAM	36	0	19.09	19.06	19.05	20.1	0
15	64QAM	36	20	19.03	19.22	18.97		
15	64QAM	36	39	18.96	19.05	19.18		
15	64QAM	75	0	19.05	19.14	19.05		
15	256QAM	1	0	18.92	19.13	19.06	20.1	0
15	256QAM	1	37	18.96	19.08	19.13		
15	256QAM	1	74	19.01	19.12	19.06		
15	256QAM	36	0	18.96	19.09	19.12	20.1	0
15	256QAM	36	20	19.06	18.97	18.98		
15	256QAM	36	39	19.02	19.11	19.04		
15	256QAM	75	0	18.98	19.15	19.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.05	19.24	19.08	20.1	0
10	QPSK	1	25	19.06	19.15	19.10		
10	QPSK	1	49	18.88	19.08	19.06		
10	QPSK	25	0	19.00	19.24	19.04	20.1	0
10	QPSK	25	12	19.09	19.13	19.14		
10	QPSK	25	25	19.10	19.09	18.99		
10	QPSK	50	0	18.97	19.10	19.16		
10	16QAM	1	0	19.04	19.12	19.12	20.1	0
10	16QAM	1	25	19.00	19.09	19.05		
10	16QAM	1	49	19.07	19.02	19.08		
10	16QAM	25	0	19.11	19.11	19.01	20.1	0
10	16QAM	25	12	19.01	19.12	18.99		
10	16QAM	25	25	19.07	19.03	19.13		
10	16QAM	50	0	19.09	19.05	19.07		
10	64QAM	1	0	19.07	19.00	19.10	20.1	0
10	64QAM	1	25	19.01	19.06	18.96		
10	64QAM	1	49	19.08	19.21	19.05		
10	64QAM	25	0	19.06	19.08	19.08	20.1	0
10	64QAM	25	12	18.99	19.22	19.00		
10	64QAM	25	25	19.02	19.03	19.12		
10	64QAM	50	0	19.02	19.17	19.09		
10	256QAM	1	0	18.91	19.12	19.05	20.1	0
10	256QAM	1	25	19.03	19.03	19.14		
10	256QAM	1	49	19.01	19.17	18.97		
10	256QAM	25	0	18.99	19.15	19.12	20.1	0
10	256QAM	25	12	18.99	19.06	19.00		
10	256QAM	25	25	19.09	19.05	19.07		
10	256QAM	50	0	19.04	19.14	18.95		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.10	19.28	19.09	20.1	0
5	QPSK	1	12	18.97	19.08	19.08		
5	QPSK	1	24	18.92	19.13	19.06		
5	QPSK	12	0	19.04	19.22	19.03	20.1	0
5	QPSK	12	7	18.99	19.04	19.10		
5	QPSK	12	13	19.07	19.10	18.97		
5	QPSK	25	0	18.97	19.13	19.13		
5	16QAM	1	0	19.04	19.11	19.04	20.1	0
5	16QAM	1	12	19.01	19.13	19.08		
5	16QAM	1	24	19.04	19.07	19.14		
5	16QAM	12	0	19.12	19.11	19.01	20.1	0
5	16QAM	12	7	19.01	19.05	19.03		
5	16QAM	12	13	18.97	19.06	19.09		
5	16QAM	25	0	19.03	19.02	19.03		
5	64QAM	1	0	18.99	18.97	19.13	20.1	0
5	64QAM	1	12	19.07	19.09	19.01		
5	64QAM	1	24	19.00	19.23	19.09		
5	64QAM	12	0	19.02	19.08	18.99	20.1	0
5	64QAM	12	7	19.02	19.22	19.00		
5	64QAM	12	13	19.02	19.05	19.16		
5	64QAM	25	0	18.97	19.11	19.07		
5	256QAM	1	0	18.95	19.14	19.09	20.1	0
5	256QAM	1	12	18.96	19.06	19.12		
5	256QAM	1	24	19.01	19.17	18.99		
5	256QAM	12	0	18.96	19.14	19.05	20.1	0
5	256QAM	12	7	19.05	19.02	19.01		
5	256QAM	12	13	19.03	19.09	19.00		
5	256QAM	25	0	18.97	19.12	19.02		

Band 25 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.56	15.68	15.55	16.7	0
20	QPSK	1	49	15.55	15.58	15.61		
20	QPSK	1	99	15.46	15.54	15.61		
20	QPSK	50	0	15.52	15.62	15.61	16.7	0
20	QPSK	50	24	15.55	15.54	15.56		
20	QPSK	50	50	15.50	15.55	15.53		
20	QPSK	100	0	15.49	15.56	15.51		
20	16QAM	1	0	15.55	15.61	15.55	16.7	0
20	16QAM	1	49	15.49	15.61	15.54		
20	16QAM	1	99	15.48	15.59	15.52		
20	16QAM	50	0	15.49	15.61	15.57	16.7	0
20	16QAM	50	24	15.56	15.55	15.51		
20	16QAM	50	50	15.47	15.61	15.52		
20	16QAM	100	0	15.51	15.63	15.55		
20	64QAM	1	0	15.57	15.54	15.63	16.7	0
20	64QAM	1	49	15.57	15.57	15.52		
20	64QAM	1	99	15.47	15.63	15.57		
20	64QAM	50	0	15.55	15.57	15.56	16.7	0
20	64QAM	50	24	15.52	15.57	15.51		
20	64QAM	50	50	15.54	15.60	15.60		
20	64QAM	100	0	15.52	15.63	15.54		
20	256QAM	1	0	15.49	15.58	15.62	16.7	0
20	256QAM	1	49	15.54	15.54	15.51		
20	256QAM	1	99	15.52	15.64	15.54		
20	256QAM	50	0	15.56	15.63	15.62	16.7	0
20	256QAM	50	24	15.55	15.60	15.58		
20	256QAM	50	50	15.52	15.65	15.54		
20	256QAM	100	0	15.49	15.61	15.51		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.42	15.54	15.40	16.7	0
15	QPSK	1	37	15.48	15.47	15.55		
15	QPSK	1	74	15.35	15.40	15.48		
15	QPSK	36	0	15.42	15.50	15.45	16.7	0
15	QPSK	36	20	15.49	15.42	15.40		
15	QPSK	36	39	15.42	15.42	15.47		
15	QPSK	75	0	15.44	15.43	15.42		
15	16QAM	1	0	15.51	15.55	15.40	16.7	0
15	16QAM	1	37	15.43	15.51	15.47		
15	16QAM	1	74	15.41	15.44	15.38		
15	16QAM	36	0	15.40	15.46	15.44	16.7	0
15	16QAM	36	20	15.47	15.47	15.40		
15	16QAM	36	39	15.32	15.55	15.44		
15	16QAM	75	0	15.37	15.59	15.44		
15	64QAM	1	0	15.45	15.42	15.58	16.7	0
15	64QAM	1	37	15.50	15.44	15.38		
15	64QAM	1	74	15.34	15.53	15.44		
15	64QAM	36	0	15.46	15.51	15.48	16.7	0
15	64QAM	36	20	15.43	15.52	15.44		
15	64QAM	36	39	15.49	15.48	15.55		
15	64QAM	75	0	15.47	15.51	15.48		
15	256QAM	1	0	15.42	15.49	15.52	16.7	0
15	256QAM	1	37	15.40	15.48	15.37		
15	256QAM	1	74	15.48	15.59	15.47		
15	256QAM	36	0	15.42	15.59	15.57	16.7	0
15	256QAM	36	20	15.40	15.55	15.48		
15	256QAM	36	39	15.45	15.50	15.40		
15	256QAM	75	0	15.37	15.51	15.43		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.51	15.52	15.48	16.7	0
10	QPSK	1	25	15.49	15.48	15.51		
10	QPSK	1	49	15.36	15.47	15.54		
10	QPSK	25	0	15.39	15.50	15.51	16.7	0
10	QPSK	25	12	15.45	15.43	15.42		
10	QPSK	25	25	15.40	15.43	15.49		
10	QPSK	50	0	15.43	15.43	15.42		
10	16QAM	1	0	15.44	15.47	15.48	16.7	0
10	16QAM	1	25	15.41	15.49	15.39		
10	16QAM	1	49	15.34	15.43	15.47		
10	16QAM	25	0	15.38	15.56	15.47	16.7	0
10	16QAM	25	12	15.48	15.41	15.40		
10	16QAM	25	25	15.36	15.51	15.46		
10	16QAM	50	0	15.37	15.51	15.50		
10	64QAM	1	0	15.45	15.39	15.52	16.7	0
10	64QAM	1	25	15.41	15.50	15.43		
10	64QAM	1	49	15.40	15.50	15.45		
10	64QAM	25	0	15.47	15.53	15.47	16.7	0
10	64QAM	25	12	15.47	15.46	15.36		
10	64QAM	25	25	15.42	15.51	15.50		
10	64QAM	50	0	15.39	15.48	15.46		
10	256QAM	1	0	15.44	15.52	15.48	16.7	0
10	256QAM	1	25	15.45	15.47	15.47		
10	256QAM	1	49	15.38	15.56	15.40		
10	256QAM	25	0	15.48	15.55	15.49	16.7	0
10	256QAM	25	12	15.44	15.55	15.54		
10	256QAM	25	25	15.43	15.52	15.41		
10	256QAM	50	0	15.40	15.56	15.41		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.50	15.54	15.41	16.7	0
5	QPSK	1	12	15.40	15.52	15.55		
5	QPSK	1	24	15.40	15.44	15.54		
5	QPSK	12	0	15.37	15.49	15.45	16.7	0
5	QPSK	12	7	15.48	15.39	15.46		
5	QPSK	12	13	15.44	15.40	15.44		
5	QPSK	25	0	15.37	15.44	15.38		
5	16QAM	1	0	15.48	15.46	15.43	16.7	0
5	16QAM	1	12	15.39	15.53	15.49		
5	16QAM	1	24	15.34	15.54	15.39		
5	16QAM	12	0	15.35	15.55	15.48	16.7	0
5	16QAM	12	7	15.49	15.43	15.42		
5	16QAM	12	13	15.33	15.55	15.37		
5	16QAM	25	0	15.46	15.50	15.47		
5	64QAM	1	0	15.44	15.47	15.53	16.7	0
5	64QAM	1	12	15.45	15.45	15.40		
5	64QAM	1	24	15.38	15.52	15.49		
5	64QAM	12	0	15.43	15.53	15.46	16.7	0
5	64QAM	12	7	15.46	15.43	15.47		
5	64QAM	12	13	15.50	15.49	15.46		
5	64QAM	25	0	15.40	15.51	15.44		
5	256QAM	1	0	15.34	15.42	15.48	16.7	0
5	256QAM	1	12	15.43	15.43	15.39		
5	256QAM	1	24	15.36	15.50	15.44		
5	256QAM	12	0	15.46	15.49	15.57	16.7	0
5	256QAM	12	7	15.42	15.47	15.53		
5	256QAM	12	13	15.46	15.56	15.44		
5	256QAM	25	0	15.36	15.53	15.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.44	15.48	15.42	16.7	0
3	QPSK	1	8	15.47	15.50	15.54		
3	QPSK	1	14	15.31	15.40	15.55		
3	QPSK	8	0	15.39	15.52	15.49	16.7	0
3	QPSK	8	4	15.49	15.42	15.43		
3	QPSK	8	7	15.39	15.45	15.41		
3	QPSK	15	0	15.43	15.51	15.42		
3	16QAM	1	0	15.47	15.53	15.47	16.7	0
3	16QAM	1	8	15.40	15.47	15.50		
3	16QAM	1	14	15.43	15.54	15.42		
3	16QAM	8	0	15.34	15.49	15.50	16.7	0
3	16QAM	8	4	15.51	15.46	15.39		
3	16QAM	8	7	15.42	15.47	15.39		
3	16QAM	15	0	15.39	15.51	15.42		
3	64QAM	1	0	15.45	15.41	15.54	16.7	0
3	64QAM	1	8	15.50	15.51	15.45		
3	64QAM	1	14	15.31	15.51	15.50		
3	64QAM	8	0	15.50	15.48	15.51	16.7	0
3	64QAM	8	4	15.37	15.42	15.43		
3	64QAM	8	7	15.48	15.48	15.56		
3	64QAM	15	0	15.36	15.49	15.42		
3	256QAM	1	0	15.41	15.43	15.53	16.7	0
3	256QAM	1	8	15.41	15.47	15.46		
3	256QAM	1	14	15.42	15.52	15.45		
3	256QAM	8	0	15.42	15.57	15.53	16.7	0
3	256QAM	8	4	15.46	15.50	15.51		
3	256QAM	8	7	15.46	15.58	15.46		
3	256QAM	15	0	15.39	15.49	15.47		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.47	15.51	15.47	16.7	0
1.4	QPSK	1	3	15.49	15.42	15.45		
1.4	QPSK	1	5	15.40	15.39	15.54		
1.4	QPSK	3	0	15.45	15.47	15.51		
1.4	QPSK	3	1	15.41	15.45	15.47		
1.4	QPSK	3	3	15.39	15.47	15.45		
1.4	QPSK	6	0	15.40	15.40	15.45	16.7	0
1.4	16QAM	1	0	15.47	15.56	15.48	16.7	0
1.4	16QAM	1	3	15.40	15.50	15.47		
1.4	16QAM	1	5	15.42	15.44	15.38		
1.4	16QAM	3	0	15.36	15.47	15.43		
1.4	16QAM	3	1	15.44	15.45	15.44		
1.4	16QAM	3	3	15.35	15.52	15.45		
1.4	16QAM	6	0	15.44	15.52	15.45	16.7	0
1.4	64QAM	1	0	15.43	15.41	15.58	16.7	0
1.4	64QAM	1	3	15.44	15.44	15.46		
1.4	64QAM	1	5	15.42	15.55	15.46		
1.4	64QAM	3	0	15.44	15.48	15.49		
1.4	64QAM	3	1	15.40	15.41	15.38		
1.4	64QAM	3	3	15.47	15.46	15.46		
1.4	64QAM	6	0	15.43	15.57	15.45	16.7	0
1.4	256QAM	1	0	15.38	15.48	15.51	16.7	0
1.4	256QAM	1	3	15.46	15.45	15.46		
1.4	256QAM	1	5	15.41	15.51	15.45		
1.4	256QAM	3	0	15.50	15.58	15.48		
1.4	256QAM	3	1	15.51	15.48	15.47		
1.4	256QAM	3	3	15.47	15.60	15.43		
1.4	256QAM	6	0	15.37	15.48	15.42	16.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.05	16.19	16.05	17	0
20	QPSK	1	49	16.08	16.08	16.00		
20	QPSK	1	99	16.08	16.08	16.10		
20	QPSK	50	0	16.01	16.15	16.10	17	0
20	QPSK	50	24	16.04	16.05	16.01		
20	QPSK	50	50	16.03	16.10	16.06		
20	QPSK	100	0	16.03	16.16	16.01		
20	16QAM	1	0	16.06	16.15	16.01	17	0
20	16QAM	1	49	16.04	16.12	16.04		
20	16QAM	1	99	16.04	16.06	16.11		
20	16QAM	50	0	16.03	16.08	16.03	17	0
20	16QAM	50	24	15.98	16.14	15.99		
20	16QAM	50	50	16.07	16.11	16.01		
20	16QAM	100	0	16.02	16.14	16.04		
20	64QAM	1	0	16.05	16.14	16.00	17	0
20	64QAM	1	49	16.00	16.07	16.11		
20	64QAM	1	99	15.98	16.06	15.99		
20	64QAM	50	0	16.08	16.09	16.04	17	0
20	64QAM	50	24	16.03	16.15	16.09		
20	64QAM	50	50	16.07	16.15	16.11		
20	64QAM	100	0	16.00	16.06	16.08		
20	256QAM	1	0	16.02	16.15	16.09	17	0
20	256QAM	1	49	16.01	16.09	16.00		
20	256QAM	1	99	15.98	16.04	16.04		
20	256QAM	50	0	15.99	16.14	16.10	17	0
20	256QAM	50	24	16.08	16.12	16.02		
20	256QAM	50	50	16.06	16.04	15.99		
20	256QAM	100	0	16.07	16.16	16.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.99	16.00	15.91	17	0
15	QPSK	1	37	16.01	16.03	15.94		
15	QPSK	1	74	16.03	16.01	16.04		
15	QPSK	36	0	15.92	16.01	16.01	17	0
15	QPSK	36	20	15.96	15.94	15.87		
15	QPSK	36	39	15.95	16.10	16.00		
15	QPSK	75	0	15.88	16.09	15.95		
15	16QAM	1	0	16.01	16.09	15.90	17	0
15	16QAM	1	37	15.96	15.99	15.88		
15	16QAM	1	74	15.89	15.94	16.07		
15	16QAM	36	0	15.91	15.96	15.99	17	0
15	16QAM	36	20	15.89	16.03	15.86		
15	16QAM	36	39	15.98	16.02	15.88		
15	16QAM	75	0	15.93	15.98	15.99		
15	64QAM	1	0	15.99	16.00	15.94	17	0
15	64QAM	1	37	15.93	15.92	16.04		
15	64QAM	1	74	15.83	15.96	15.86		
15	64QAM	36	0	15.96	16.04	15.95	17	0
15	64QAM	36	20	15.96	16.02	15.98		
15	64QAM	36	39	15.97	16.01	16.02		
15	64QAM	75	0	15.92	16.01	16.01		
15	256QAM	1	0	15.86	16.09	15.94	17	0
15	256QAM	1	37	15.87	15.93	15.87		
15	256QAM	1	74	15.87	15.98	15.91		
15	256QAM	36	0	15.92	16.00	16.06	17	0
15	256QAM	36	20	16.00	15.97	15.92		
15	256QAM	36	39	15.99	15.96	15.86		
15	256QAM	75	0	15.95	16.03	15.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.98	16.02	15.92	17	0
10	QPSK	1	25	15.94	16.01	15.85		
10	QPSK	1	49	16.02	15.97	15.95		
10	QPSK	25	0	15.89	15.99	15.97	17	0
10	QPSK	25	12	15.95	15.96	15.93		
10	QPSK	25	25	15.90	16.10	15.93		
10	QPSK	50	0	15.97	16.05	15.96		
10	16QAM	1	0	15.99	16.08	15.86	17	0
10	16QAM	1	25	15.95	16.01	15.96		
10	16QAM	1	49	15.92	15.93	16.02		
10	16QAM	25	0	15.87	15.93	15.93	17	0
10	16QAM	25	12	15.94	15.98	15.92		
10	16QAM	25	25	15.96	16.02	15.92		
10	16QAM	50	0	15.95	16.01	15.98		
10	64QAM	1	0	15.99	15.99	15.88	17	0
10	64QAM	1	25	15.86	16.01	15.96		
10	64QAM	1	49	15.93	15.90	15.94		
10	64QAM	25	0	15.96	15.93	15.96	17	0
10	64QAM	25	12	15.88	16.02	16.05		
10	64QAM	25	25	15.99	16.04	16.02		
10	64QAM	50	0	15.85	15.94	15.98		
10	256QAM	1	0	15.96	16.04	15.99	17	0
10	256QAM	1	25	15.90	15.96	15.95		
10	256QAM	1	49	15.84	15.91	15.98		
10	256QAM	25	0	15.90	16.01	16.06	17	0
10	256QAM	25	12	15.97	16.05	15.96		
10	256QAM	25	25	15.93	15.96	15.86		
10	256QAM	50	0	15.99	16.06	15.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.98	16.02	15.95	17	0
5	QPSK	1	12	15.96	15.94	15.88		
5	QPSK	1	24	15.95	16.02	16.01		
5	QPSK	12	0	15.96	16.02	16.01	17	0
5	QPSK	12	7	15.95	15.92	15.93		
5	QPSK	12	13	15.91	16.06	15.92		
5	QPSK	25	0	15.91	16.06	15.89		
5	16QAM	1	0	15.95	16.09	15.96	17	0
5	16QAM	1	12	15.89	16.04	15.91		
5	16QAM	1	24	15.94	15.99	16.01		
5	16QAM	12	0	15.89	16.02	15.96	17	0
5	16QAM	12	7	15.82	16.10	15.87		
5	16QAM	12	13	15.98	15.96	15.85		
5	16QAM	25	0	15.95	16.04	15.92		
5	64QAM	1	0	15.96	16.01	15.91	17	0
5	64QAM	1	12	15.92	16.02	16.00		
5	64QAM	1	24	15.86	16.02	15.83		
5	64QAM	12	0	15.98	15.96	15.88	17	0
5	64QAM	12	7	15.87	16.09	16.00		
5	64QAM	12	13	15.95	16.09	15.99		
5	64QAM	25	0	15.96	15.97	15.96		
5	256QAM	1	0	15.90	16.07	15.94	17	0
5	256QAM	1	12	15.87	16.01	15.84		
5	256QAM	1	24	15.86	15.95	15.93		
5	256QAM	12	0	15.89	16.08	16.00	17	0
5	256QAM	12	7	16.04	15.98	15.94		
5	256QAM	12	13	15.94	15.94	15.95		
5	256QAM	25	0	15.98	16.05	15.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.92	15.93	15.92	17	0
3	QPSK	1	8	16.03	15.94	15.94		
3	QPSK	1	14	16.01	16.02	15.96		
3	QPSK	8	0	15.89	15.97	15.98	17	0
3	QPSK	8	4	15.98	15.97	15.85		
3	QPSK	8	7	15.91	16.01	15.97		
3	QPSK	15	0	15.91	16.04	15.94		
3	16QAM	1	0	15.94	16.07	15.97	17	0
3	16QAM	1	8	15.96	16.06	15.93		
3	16QAM	1	14	15.97	16.02	15.96		
3	16QAM	8	0	15.88	15.99	15.98	17	0
3	16QAM	8	4	15.83	16.02	15.93		
3	16QAM	8	7	16.02	16.04	15.94		
3	16QAM	15	0	15.93	16.02	15.92		
3	64QAM	1	0	15.94	16.01	15.95	17	0
3	64QAM	1	8	15.88	15.93	15.98		
3	64QAM	1	14	15.83	15.95	15.85		
3	64QAM	8	0	16.01	15.99	15.99	17	0
3	64QAM	8	4	15.96	16.08	16.05		
3	64QAM	8	7	15.98	16.02	16.03		
3	64QAM	15	0	15.86	15.93	15.94		
3	256QAM	1	0	15.95	16.08	16.04	17	0
3	256QAM	1	8	15.91	16.03	15.92		
3	256QAM	1	14	15.93	16.00	15.93		
3	256QAM	8	0	15.88	15.98	16.01	17	0
3	256QAM	8	4	15.93	16.06	15.93		
3	256QAM	8	7	15.93	15.99	15.84		
3	256QAM	15	0	15.99	16.05	15.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.99	16.03	16.00	17	0
1.4	QPSK	1	3	15.99	16.03	15.89		
1.4	QPSK	1	5	15.99	15.94	16.00		
1.4	QPSK	3	0	15.96	15.95	15.96		
1.4	QPSK	3	1	15.96	15.94	15.97		
1.4	QPSK	3	3	15.90	16.00	15.92		
1.4	QPSK	6	0	15.94	16.08	15.89	17	0
1.4	16QAM	1	0	15.93	16.00	15.93	17	0
1.4	16QAM	1	3	16.00	15.99	15.89		
1.4	16QAM	1	5	15.92	15.92	16.02		
1.4	16QAM	3	0	15.89	16.01	15.93		
1.4	16QAM	3	1	15.84	16.05	15.92		
1.4	16QAM	3	3	16.02	16.02	15.94		
1.4	16QAM	6	0	15.94	16.04	15.94	17	0
1.4	64QAM	1	0	15.94	16.09	15.91	17	0
1.4	64QAM	1	3	15.91	15.97	15.97		
1.4	64QAM	1	5	15.92	15.90	15.89		
1.4	64QAM	3	0	15.97	16.04	16.00		
1.4	64QAM	3	1	15.96	15.99	16.05		
1.4	64QAM	3	3	16.00	16.05	15.97		
1.4	64QAM	6	0	15.92	15.92	15.94	17	0
1.4	256QAM	1	0	15.96	16.04	16.01	17	0
1.4	256QAM	1	3	15.97	16.04	15.88		
1.4	256QAM	1	5	15.90	15.90	15.99		
1.4	256QAM	3	0	15.90	16.02	15.95		
1.4	256QAM	3	1	15.93	16.04	15.92		
1.4	256QAM	3	3	15.97	15.93	15.88		
1.4	256QAM	6	0	15.98	16.07	15.96	17	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.09	20.21	20.04	21	0
20	QPSK	1	49	20.09	20.12	20.10		
20	QPSK	1	99	20.10	20.10	20.06		
20	QPSK	50	0	20.10	20.19	20.04	21	0
20	QPSK	50	24	20.08	20.12	20.08		
20	QPSK	50	50	20.05	20.18	20.04		
20	QPSK	100	0	20.13	20.15	20.06		
20	16QAM	1	0	20.13	20.10	20.08	21	0
20	16QAM	1	49	20.15	20.12	20.05		
20	16QAM	1	99	20.07	20.17	20.07		
20	16QAM	50	0	20.12	20.11	20.08	21	0
20	16QAM	50	24	20.06	20.10	20.07		
20	16QAM	50	50	20.14	20.18	20.08		
20	16QAM	100	0	20.10	20.11	20.09		
20	64QAM	1	0	20.11	20.11	20.07	21	0
20	64QAM	1	49	20.11	20.00	20.05		
20	64QAM	1	99	20.04	20.17	20.02		
20	64QAM	50	0	20.11	20.14	20.11	21	0
20	64QAM	50	24	20.11	20.13	20.10		
20	64QAM	50	50	20.05	20.13	20.05		
20	64QAM	100	0	20.10	20.09	20.04		
20	256QAM	1	0	19.53	19.69	19.53	20.5	0.5
20	256QAM	1	49	19.55	19.68	19.58		
20	256QAM	1	99	19.58	19.67	19.60		
20	256QAM	50	0	19.56	19.68	19.53	20.5	0.5
20	256QAM	50	24	19.56	19.66	19.51		
20	256QAM	50	50	19.62	19.70	19.51		
20	256QAM	100	0	19.55	19.61	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.99	20.04	19.98	21	0
15	QPSK	1	37	19.94	20.02	19.96		
15	QPSK	1	74	19.96	19.97	19.98		
15	QPSK	36	0	19.99	20.01	19.99	21	0
15	QPSK	36	20	20.01	20.00	20.00		
15	QPSK	36	39	19.99	20.05	19.95		
15	QPSK	75	0	20.04	19.96	19.99		
15	16QAM	1	0	20.01	20.02	19.94	21	0
15	16QAM	1	37	20.03	20.02	19.99		
15	16QAM	1	74	19.95	20.11	20.00		
15	16QAM	36	0	19.97	20.02	20.01	21	0
15	16QAM	36	20	20.00	19.94	19.96		
15	16QAM	36	39	20.10	20.05	19.92		
15	16QAM	75	0	20.04	20.05	19.97		
15	64QAM	1	0	19.95	20.10	19.98	21	0
15	64QAM	1	37	19.99	20.14	19.95		
15	64QAM	1	74	19.98	20.08	19.86		
15	64QAM	36	0	20.01	20.06	19.96	21	0
15	64QAM	36	20	20.05	19.97	20.06		
15	64QAM	36	39	19.94	20.03	19.94		
15	64QAM	75	0	20.00	19.99	19.99		
15	256QAM	1	0	19.38	19.60	19.38	20.5	0.5
15	256QAM	1	37	19.50	19.59	19.46		
15	256QAM	1	74	19.47	19.58	19.48		
15	256QAM	36	0	19.41	19.53	19.46	20.5	0.5
15	256QAM	36	20	19.51	19.53	19.36		
15	256QAM	36	39	19.57	19.59	19.39		
15	256QAM	75	0	19.50	19.54	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.97	20.08	19.95	21	0
10	QPSK	1	25	19.95	19.98	20.02		
10	QPSK	1	49	19.95	20.01	19.92		
10	QPSK	25	0	20.05	20.03	19.94	21	0
10	QPSK	25	12	19.98	20.03	19.94		
10	QPSK	25	25	19.90	20.04	19.90		
10	QPSK	50	0	20.03	19.98	20.00		
10	16QAM	1	0	20.08	19.97	20.01	21	0
10	16QAM	1	25	20.09	20.05	19.97		
10	16QAM	1	49	19.95	20.09	20.02		
10	16QAM	25	0	19.97	20.05	20.02	21	0
10	16QAM	25	12	19.95	19.95	19.92		
10	16QAM	25	25	19.98	20.09	19.92		
10	16QAM	50	0	20.01	19.99	20.02		
10	64QAM	1	0	20.04	20.11	20.02	21	0
10	64QAM	1	25	20.06	20.05	19.97		
10	64QAM	1	49	19.97	20.04	19.87		
10	64QAM	25	0	20.07	19.99	20.04	21	0
10	64QAM	25	12	20.04	20.02	19.96		
10	64QAM	25	25	19.95	20.02	19.94		
10	64QAM	50	0	19.98	20.00	19.98		
10	256QAM	1	0	19.42	19.58	19.40	20.5	0.5
10	256QAM	1	25	19.51	19.60	19.46		
10	256QAM	1	49	19.54	19.60	19.53		
10	256QAM	25	0	19.43	19.55	19.48	20.5	0.5
10	256QAM	25	12	19.52	19.50	19.43		
10	256QAM	25	25	19.58	19.56	19.38		
10	256QAM	50	0	19.40	19.57	19.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.03	20.05	19.90	21	0
5	QPSK	1	12	19.95	19.98	19.97		
5	QPSK	1	24	20.01	19.96	19.93		
5	QPSK	12	0	20.00	20.04	20.00	21	0
5	QPSK	12	7	20.03	19.97	19.95		
5	QPSK	12	13	19.89	20.06	20.00		
5	QPSK	25	0	20.03	20.04	19.91		
5	16QAM	1	0	20.01	20.01	19.99	21	0
5	16QAM	1	12	20.07	20.06	19.96		
5	16QAM	1	24	19.95	20.12	19.91		
5	16QAM	12	0	20.00	19.95	19.94	21	0
5	16QAM	12	7	19.96	20.04	19.93		
5	16QAM	12	13	20.00	20.04	20.01		
5	16QAM	25	0	20.00	20.05	20.00		
5	64QAM	1	0	20.04	20.11	19.98	21	0
5	64QAM	1	12	19.99	20.07	19.99		
5	64QAM	1	24	19.98	20.09	19.94		
5	64QAM	12	0	20.02	20.06	19.98	21	0
5	64QAM	12	7	20.03	20.02	20.05		
5	64QAM	12	13	19.99	20.02	19.93		
5	64QAM	25	0	20.03	19.99	19.93		
5	256QAM	1	0	19.38	19.61	19.45	20.5	0.5
5	256QAM	1	12	19.49	19.60	19.47		
5	256QAM	1	24	19.48	19.52	19.55		
5	256QAM	12	0	19.42	19.59	19.42	20.5	0.5
5	256QAM	12	7	19.41	19.57	19.39		
5	256QAM	12	13	19.55	19.66	19.36		
5	256QAM	25	0	19.46	19.54	19.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.25	20.44	20.49	20.27	20.27	21.4	0
20	QPSK	1	49	20.33	20.41	20.47	20.26	20.29		
20	QPSK	1	99	20.25	20.43	20.37	20.29	20.31		
20	QPSK	50	0	20.33	20.35	20.46	20.31	20.28	21.4	0
20	QPSK	50	24	20.26	20.42	20.45	20.32	20.28		
20	QPSK	50	50	20.32	20.35	20.42	20.29	20.23		
20	QPSK	100	0	20.25	20.43	20.48	20.27	20.27		
20	16QAM	1	0	20.32	20.43	20.36	20.31	20.27	21.4	0
20	16QAM	1	49	20.31	20.33	20.47	20.29	20.21		
20	16QAM	1	99	20.35	20.33	20.44	20.28	20.26		
20	16QAM	50	0	20.35	20.37	20.42	20.35	20.22	21.4	0
20	16QAM	50	24	20.25	20.41	20.47	20.28	20.27		
20	16QAM	50	50	20.37	20.40	20.44	20.31	20.23		
20	16QAM	100	0	20.25	20.43	20.41	20.30	20.25		
20	64QAM	1	0	20.30	20.42	20.38	20.26	20.27	21.4	0
20	64QAM	1	49	20.37	20.41	20.41	20.36	20.31		
20	64QAM	1	99	20.27	20.37	20.37	20.27	20.29		
20	64QAM	50	0	20.29	20.32	20.43	20.37	20.19	21.4	0
20	64QAM	50	24	20.36	20.37	20.36	20.26	20.26		
20	64QAM	50	50	20.30	20.40	20.45	20.27	20.28		
20	64QAM	100	0	20.27	20.33	20.39	20.32	20.21		
20	256QAM	1	0	19.25	19.34	19.42	19.31	19.22	20.4	1
20	256QAM	1	49	19.32	19.40	19.40	19.31	19.31		
20	256QAM	1	99	19.34	19.34	19.46	19.33	19.30		
20	256QAM	50	0	19.32	19.40	19.42	19.37	19.29	20.4	1
20	256QAM	50	24	19.35	19.38	19.39	19.33	19.31		
20	256QAM	50	50	19.31	19.39	19.40	19.27	19.19		
20	256QAM	100	0	19.31	19.37	19.38	19.27	19.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.39	20.32	20.12	20.13	21.40	0
15	QPSK	1	37	20.23	20.27	20.36	20.14	20.21		
15	QPSK	1	74	20.11	20.31	20.22	20.13	20.17		
15	QPSK	36	0	20.23	20.29	20.34	20.21	20.19	21.4	0
15	QPSK	36	20	20.11	20.29	20.35	20.25	20.22		
15	QPSK	36	39	20.25	20.27	20.35	20.19	20.18		
15	QPSK	75	0	20.18	20.37	20.43	20.16	20.16		
15	16QAM	1	0	20.18	20.34	20.22	20.22	20.13	21.4	0
15	16QAM	1	37	20.22	20.22	20.41	20.21	20.09		
15	16QAM	1	74	20.21	20.23	20.32	20.16	20.16		
15	16QAM	36	0	20.22	20.33	20.26	20.27	20.12	21.4	0
15	16QAM	36	20	20.17	20.36	20.33	20.18	20.16		
15	16QAM	36	39	20.29	20.26	20.28	20.22	20.10		
15	16QAM	75	0	20.10	20.35	20.29	20.21	20.13		
15	64QAM	1	0	20.23	20.30	20.24	20.11	20.12	21.4	0
15	64QAM	1	37	20.27	20.32	20.28	20.26	20.24		
15	64QAM	1	74	20.14	20.26	20.27	20.21	20.22		
15	64QAM	36	0	20.19	20.20	20.29	20.33	20.14	21.4	0
15	64QAM	36	20	20.26	20.30	20.23	20.19	20.17		
15	64QAM	36	39	20.26	20.25	20.29	20.12	20.18		
15	64QAM	75	0	20.18	20.24	20.27	20.19	20.14		
15	256QAM	1	0	19.16	19.19	19.32	19.17	19.15	20.4	1
15	256QAM	1	37	19.26	19.32	19.25	19.26	19.18		
15	256QAM	1	74	19.25	19.22	19.36	19.21	19.24		
15	256QAM	36	0	19.23	19.33	19.30	19.30	19.15	20.4	1
15	256QAM	36	20	19.27	19.31	19.30	19.22	19.23		
15	256QAM	36	39	19.23	19.30	19.32	19.15	19.05		
15	256QAM	75	0	19.21	19.31	19.30	19.17	19.14		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.14	20.31	20.34	20.15	20.17	21.40	0
10	QPSK	1	25	20.19	20.29	20.36	20.15	20.14		
10	QPSK	1	49	20.10	20.30	20.29	20.21	20.18		
10	QPSK	25	0	20.25	20.27	20.29	20.18	20.19	21.4	0
10	QPSK	25	12	20.14	20.31	20.38	20.25	20.21		
10	QPSK	25	25	20.20	20.23	20.26	20.24	20.10		
10	QPSK	50	0	20.12	20.31	20.35	20.16	20.15		
10	16QAM	1	0	20.18	20.35	20.26	20.19	20.18	21.4	0
10	16QAM	1	25	20.17	20.21	20.33	20.21	20.05		
10	16QAM	1	49	20.21	20.20	20.29	20.12	20.14		
10	16QAM	25	0	20.29	20.27	20.28	20.23	20.11	21.4	0
10	16QAM	25	12	20.19	20.28	20.38	20.16	20.15		
10	16QAM	25	25	20.32	20.35	20.33	20.19	20.16		
10	16QAM	50	0	20.15	20.34	20.32	20.15	20.10		
10	64QAM	1	0	20.23	20.28	20.24	20.13	20.22	21.4	0
10	64QAM	1	25	20.32	20.27	20.29	20.21	20.24		
10	64QAM	1	49	20.16	20.22	20.32	20.12	20.17		
10	64QAM	25	0	20.17	20.27	20.34	20.29	20.07	21.4	0
10	64QAM	25	12	20.27	20.33	20.27	20.14	20.13		
10	64QAM	25	25	20.17	20.28	20.36	20.19	20.16		
10	64QAM	50	0	20.18	20.26	20.29	20.26	20.14		
10	256QAM	1	0	19.14	19.22	19.37	19.26	19.13	20.4	1
10	256QAM	1	25	19.26	19.25	19.26	19.24	19.19		
10	256QAM	1	49	19.25	19.27	19.36	19.21	19.15		
10	256QAM	25	0	19.21	19.28	19.29	19.28	19.18	20.4	1
10	256QAM	25	12	19.19	19.23	19.34	19.28	19.24		
10	256QAM	25	25	19.23	19.34	19.30	19.12	19.03		
10	256QAM	50	0	19.18	19.25	19.28	19.13	19.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.10	20.33	20.33	20.12	20.22	21.40	0
5	QPSK	1	12	20.19	20.29	20.42	20.19	20.16		
5	QPSK	1	24	20.21	20.36	20.24	20.15	20.21		
5	QPSK	12	0	20.21	20.26	20.30	20.24	20.20	21.4	0
5	QPSK	12	7	20.16	20.35	20.35	20.19	20.16		
5	QPSK	12	13	20.26	20.31	20.34	20.16	20.14		
5	QPSK	25	0	20.19	20.34	20.41	20.19	20.17		
5	16QAM	1	0	20.17	20.28	20.26	20.21	20.11	21.4	0
5	16QAM	1	12	20.27	20.22	20.42	20.14	20.10		
5	16QAM	1	24	20.30	20.26	20.35	20.14	20.15		
5	16QAM	12	0	20.28	20.27	20.37	20.25	20.08	21.4	0
5	16QAM	12	7	20.10	20.27	20.33	20.16	20.16		
5	16QAM	12	13	20.27	20.34	20.38	20.27	20.17		
5	16QAM	25	0	20.19	20.35	20.27	20.17	20.19		
5	64QAM	1	0	20.19	20.26	20.24	20.13	20.15	21.4	0
5	64QAM	1	12	20.26	20.26	20.35	20.30	20.24		
5	64QAM	1	24	20.13	20.21	20.22	20.22	20.16		
5	64QAM	12	0	20.14	20.19	20.30	20.27	20.07	21.4	0
5	64QAM	12	7	20.30	20.33	20.31	20.18	20.21		
5	64QAM	12	13	20.15	20.35	20.30	20.14	20.13		
5	64QAM	25	0	20.14	20.27	20.27	20.26	20.16		
5	256QAM	1	0	19.12	19.24	19.27	19.25	19.08	20.4	1
5	256QAM	1	12	19.25	19.33	19.34	19.16	19.24		
5	256QAM	1	24	19.24	19.26	19.41	19.28	19.15		
5	256QAM	12	0	19.20	19.36	19.36	19.28	19.21	20.4	1
5	256QAM	12	7	19.23	19.33	19.30	19.18	19.17		
5	256QAM	12	13	19.24	19.26	19.30	19.18	19.11		
5	256QAM	25	0	19.19	19.24	19.28	19.15	19.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.15	19.39	19.26	20	0
20	QPSK	1	49	19.21	19.25	19.22		
20	QPSK	1	99	19.24	19.34	19.27		
20	QPSK	50	0	19.26	19.29	19.22	20	0
20	QPSK	50	24	19.25	19.27	19.22		
20	QPSK	50	50	19.19	19.28	19.24		
20	QPSK	100	0	19.19	19.34	19.27		
20	16QAM	1	0	19.26	19.30	19.27	20	0
20	16QAM	1	49	19.24	19.33	19.20		
20	16QAM	1	99	19.26	19.28	19.31		
20	16QAM	50	0	19.26	19.35	19.21	20	0
20	16QAM	50	24	19.27	19.30	19.25		
20	16QAM	50	50	19.23	19.31	19.19		
20	16QAM	100	0	19.17	19.27	19.29		
20	64QAM	1	0	19.26	19.34	19.31	20	0
20	64QAM	1	49	19.18	19.35	19.23		
20	64QAM	1	99	19.21	19.31	19.21		
20	64QAM	50	0	19.17	19.29	19.26	20	0
20	64QAM	50	24	19.24	19.28	19.24		
20	64QAM	50	50	19.20	19.35	19.24		
20	64QAM	100	0	19.21	19.35	19.30		
20	256QAM	1	0	19.25	19.28	19.28	20	0
20	256QAM	1	49	19.17	19.30	19.21		
20	256QAM	1	99	19.18	19.35	19.21		
20	256QAM	50	0	19.24	19.29	19.24	20	0
20	256QAM	50	24	19.19	19.29	19.29		
20	256QAM	50	50	19.27	19.24	19.30		
20	256QAM	100	0	19.22	19.27	19.30		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.07	19.23	19.19	20	0
15	QPSK	1	37	19.14	19.11	19.14		
15	QPSK	1	74	19.10	19.22	19.12		
15	QPSK	36	0	19.21	19.16	19.11	20	0
15	QPSK	36	20	19.21	19.15	19.08		
15	QPSK	36	39	19.10	19.20	19.16		
15	QPSK	75	0	19.04	19.28	19.12		
15	16QAM	1	0	19.12	19.25	19.15	20	0
15	16QAM	1	37	19.19	19.27	19.07		
15	16QAM	1	74	19.17	19.19	19.16		
15	16QAM	36	0	19.10	19.20	19.08	20	0
15	16QAM	36	20	19.16	19.22	19.15		
15	16QAM	36	39	19.16	19.24	19.14		
15	16QAM	75	0	19.10	19.13	19.16		
15	64QAM	1	0	19.19	19.28	19.17	20	0
15	64QAM	1	37	19.08	19.23	19.11		
15	64QAM	1	74	19.11	19.27	19.09		
15	64QAM	36	0	19.12	19.14	19.15	20	0
15	64QAM	36	20	19.19	19.22	19.09		
15	64QAM	36	39	19.07	19.27	19.13		
15	64QAM	75	0	19.06	19.22	19.20		
15	256QAM	1	0	19.14	19.13	19.17	20	0
15	256QAM	1	37	19.02	19.22	19.15		
15	256QAM	1	74	19.11	19.26	19.15		
15	256QAM	36	0	19.10	19.25	19.10	20	0
15	256QAM	36	20	19.14	19.16	19.24		
15	256QAM	36	39	19.16	19.20	19.17		
15	256QAM	75	0	19.17	19.19	19.18		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.99	19.21	19.14	20	0
10	QPSK	1	25	19.07	19.18	19.12		
10	QPSK	1	49	19.15	19.19	19.15		
10	QPSK	25	0	19.17	19.21	19.10	20	0
10	QPSK	25	12	19.19	19.14	19.17		
10	QPSK	25	25	19.08	19.23	19.18		
10	QPSK	50	0	19.05	19.29	19.11		
10	16QAM	1	0	19.10	19.25	19.19	20	0
10	16QAM	1	25	19.14	19.25	19.08		
10	16QAM	1	49	19.11	19.20	19.23		
10	16QAM	25	0	19.22	19.29	19.12	20	0
10	16QAM	25	12	19.13	19.19	19.09		
10	16QAM	25	25	19.08	19.18	19.10		
10	16QAM	50	0	19.11	19.12	19.21		
10	64QAM	1	0	19.20	19.22	19.24	20	0
10	64QAM	1	25	19.10	19.26	19.14		
10	64QAM	1	49	19.13	19.24	19.07		
10	64QAM	25	0	19.06	19.25	19.12	20	0
10	64QAM	25	12	19.18	19.17	19.12		
10	64QAM	25	25	19.13	19.30	19.10		
10	64QAM	50	0	19.08	19.31	19.16		
10	256QAM	1	0	19.11	19.15	19.22	20	0
10	256QAM	1	25	19.13	19.15	19.16		
10	256QAM	1	49	19.07	19.25	19.07		
10	256QAM	25	0	19.14	19.25	19.13	20	0
10	256QAM	25	12	19.06	19.24	19.20		
10	256QAM	25	25	19.12	19.19	19.15		
10	256QAM	50	0	19.13	19.22	19.21		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.05	19.26	19.20	20	0
5	QPSK	1	12	19.08	19.16	19.15		
5	QPSK	1	24	19.18	19.25	19.19		
5	QPSK	12	0	19.21	19.23	19.16	20	0
5	QPSK	12	7	19.12	19.16	19.15		
5	QPSK	12	13	19.10	19.16	19.16		
5	QPSK	25	0	19.05	19.25	19.15		
5	16QAM	1	0	19.14	19.20	19.22	20	0
5	16QAM	1	12	19.16	19.19	19.11		
5	16QAM	1	24	19.17	19.21	19.26		
5	16QAM	12	0	19.20	19.24	19.12	20	0
5	16QAM	12	7	19.17	19.26	19.11		
5	16QAM	12	13	19.11	19.24	19.08		
5	16QAM	25	0	19.05	19.22	19.20		
5	64QAM	1	0	19.15	19.19	19.16	20	0
5	64QAM	1	12	19.11	19.27	19.15		
5	64QAM	1	24	19.06	19.21	19.15		
5	64QAM	12	0	19.05	19.16	19.17	20	0
5	64QAM	12	7	19.12	19.20	19.13		
5	64QAM	12	13	19.13	19.21	19.20		
5	64QAM	25	0	19.13	19.24	19.21		
5	256QAM	1	0	19.09	19.12	19.17	20	0
5	256QAM	1	12	19.04	19.20	19.13		
5	256QAM	1	24	19.04	19.28	19.08		
5	256QAM	12	0	19.11	19.23	19.16	20	0
5	256QAM	12	7	19.07	19.21	19.17		
5	256QAM	12	13	19.16	19.16	19.25		
5	256QAM	25	0	19.08	19.22	19.23		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.39	17.45	17.28	17.26	18.4	0
20	QPSK	1	49	17.32	17.37	17.26	17.24		
20	QPSK	1	99	17.29	17.35	17.26	17.31		
20	QPSK	50	0	17.39	17.41	17.29	17.31	18.4	0
20	QPSK	50	24	17.40	17.33	17.28	17.30		
20	QPSK	50	50	17.34	17.39	17.27	17.28		
20	QPSK	100	0	17.29	17.32	17.25	17.29		
20	16QAM	1	0	17.31	17.34	17.33	17.29	18.4	0
20	16QAM	1	49	17.29	17.38	17.31	17.33		
20	16QAM	1	99	17.35	17.33	17.31	17.36		
20	16QAM	50	0	17.38	17.39	17.30	17.35	18.4	0
20	16QAM	50	24	17.38	17.38	17.24	17.26		
20	16QAM	50	50	17.41	17.39	17.28	17.34		
20	16QAM	100	0	17.33	17.36	17.32	17.31		
20	64QAM	1	0	17.29	17.32	17.29	17.28	18.4	0
20	64QAM	1	49	17.37	17.37	17.26	17.26		
20	64QAM	1	99	17.33	17.38	17.28	17.26		
20	64QAM	50	0	17.31	17.30	17.26	17.29	18.4	0
20	64QAM	50	24	17.39	17.34	17.33	17.28		
20	64QAM	50	50	17.32	17.31	17.33	17.36		
20	64QAM	100	0	17.39	17.41	17.31	17.27		
20	256QAM	1	0	17.30	17.40	17.32	17.27	18.4	0
20	256QAM	1	49	17.37	17.41	17.25	17.31		
20	256QAM	1	99	17.32	17.31	17.33	17.34		
20	256QAM	50	0	17.33	17.36	17.32	17.28	18.4	0
20	256QAM	50	24	17.39	17.40	17.34	17.34		
20	256QAM	50	50	17.30	17.34	17.23	17.25		
20	256QAM	100	0	17.35	17.37	17.34	17.33		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.28	17.25	17.14	17.10	18.4	0
15	QPSK	1	37	17.22	17.28	17.12	17.20		
15	QPSK	1	74	17.21	17.26	17.17	17.23		
15	QPSK	36	0	17.24	17.22	17.20	17.19	18.4	0
15	QPSK	36	20	17.25	17.28	17.15	17.25		
15	QPSK	36	39	17.24	17.28	17.19	17.16		
15	QPSK	75	0	17.22	17.19	17.12	17.16		
15	16QAM	1	0	17.15	17.23	17.28	17.19	18.4	0
15	16QAM	1	37	17.21	17.27	17.27	17.27		
15	16QAM	1	74	17.31	17.23	17.26	17.25		
15	16QAM	36	0	17.26	17.25	17.17	17.22	18.4	0
15	16QAM	36	20	17.25	17.24	17.19	17.20		
15	16QAM	36	39	17.28	17.30	17.13	17.20		
15	16QAM	75	0	17.20	17.24	17.24	17.22		
15	64QAM	1	0	17.22	17.25	17.17	17.16	18.4	0
15	64QAM	1	37	17.23	17.26	17.16	17.15		
15	64QAM	1	74	17.28	17.23	17.24	17.15		
15	64QAM	36	0	17.20	17.26	17.20	17.16	18.4	0
15	64QAM	36	20	17.33	17.27	17.17	17.20		
15	64QAM	36	39	17.28	17.25	17.17	17.27		
15	64QAM	75	0	17.32	17.36	17.20	17.15		
15	256QAM	1	0	17.20	17.35	17.17	17.14	18.4	0
15	256QAM	1	37	17.24	17.28	17.11	17.20		
15	256QAM	1	74	17.23	17.18	17.21	17.19		
15	256QAM	36	0	17.23	17.22	17.17	17.17	18.4	0
15	256QAM	36	20	17.27	17.28	17.22	17.23		
15	256QAM	36	39	17.15	17.30	17.15	17.17		
15	256QAM	75	0	17.28	17.33	17.29	17.26		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.35	17.21	17.13	17.21	18.4	0
10	QPSK	1	25	17.24	17.29	17.18	17.16		
10	QPSK	1	49	17.17	17.28	17.10	17.20		
10	QPSK	25	0	17.24	17.30	17.19	17.22	18.4	0
10	QPSK	25	12	17.35	17.26	17.19	17.18		
10	QPSK	25	25	17.26	17.23	17.22	17.20		
10	QPSK	50	0	17.13	17.18	17.17	17.23		
10	16QAM	1	0	17.19	17.27	17.29	17.22	18.4	0
10	16QAM	1	25	17.17	17.26	17.21	17.22		
10	16QAM	1	49	17.21	17.19	17.24	17.26		
10	16QAM	25	0	17.24	17.32	17.19	17.22	18.4	0
10	16QAM	25	12	17.31	17.22	17.09	17.16		
10	16QAM	25	25	17.35	17.29	17.14	17.22		
10	16QAM	50	0	17.25	17.22	17.21	17.22		
10	64QAM	1	0	17.16	17.26	17.19	17.18	18.4	0
10	64QAM	1	25	17.33	17.24	17.16	17.20		
10	64QAM	1	49	17.26	17.27	17.17	17.14		
10	64QAM	25	0	17.26	17.18	17.15	17.22	18.4	0
10	64QAM	25	12	17.27	17.26	17.24	17.14		
10	64QAM	25	25	17.24	17.21	17.24	17.26		
10	64QAM	50	0	17.28	17.27	17.27	17.11		
10	256QAM	1	0	17.25	17.33	17.21	17.14	18.4	0
10	256QAM	1	25	17.23	17.30	17.20	17.20		
10	256QAM	1	49	17.27	17.24	17.20	17.28		
10	256QAM	25	0	17.21	17.24	17.19	17.20	18.4	0
10	256QAM	25	12	17.29	17.35	17.24	17.21		
10	256QAM	25	25	17.25	17.23	17.17	17.12		
10	256QAM	50	0	17.31	17.21	17.19	17.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.28	17.24	17.15	17.18	18.4	0
5	QPSK	1	12	17.25	17.31	17.20	17.15		
5	QPSK	1	24	17.15	17.23	17.12	17.25		
5	QPSK	12	0	17.29	17.24	17.19	17.16	18.4	0
5	QPSK	12	7	17.26	17.21	17.22	17.17		
5	QPSK	12	13	17.28	17.26	17.14	17.18		
5	QPSK	25	0	17.15	17.16	17.15	17.24		
5	16QAM	1	0	17.20	17.29	17.20	17.19	18.4	0
5	16QAM	1	12	17.14	17.23	17.19	17.23		
5	16QAM	1	24	17.26	17.24	17.16	17.31		
5	16QAM	12	0	17.28	17.26	17.23	17.22	18.4	0
5	16QAM	12	7	17.25	17.28	17.13	17.20		
5	16QAM	12	13	17.37	17.32	17.18	17.19		
5	16QAM	25	0	17.18	17.28	17.18	17.21		
5	64QAM	1	0	17.17	17.23	17.14	17.15	18.4	0
5	64QAM	1	12	17.24	17.25	17.14	17.16		
5	64QAM	1	24	17.21	17.24	17.16	17.12		
5	64QAM	12	0	17.17	17.15	17.20	17.25	18.4	0
5	64QAM	12	7	17.30	17.23	17.27	17.14		
5	64QAM	12	13	17.18	17.17	17.21	17.29		
5	64QAM	25	0	17.29	17.30	17.18	17.19		
5	256QAM	1	0	17.16	17.34	17.23	17.15	18.4	0
5	256QAM	1	12	17.21	17.34	17.20	17.15		
5	256QAM	1	24	17.26	17.15	17.21	17.24		
5	256QAM	12	0	17.17	17.22	17.25	17.20	18.4	0
5	256QAM	12	7	17.27	17.32	17.28	17.22		
5	256QAM	12	13	17.15	17.27	17.08	17.15		
5	256QAM	25	0	17.21	17.28	17.20	17.28		

Band 4 Other PA Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.17	15.41	15.24	16.5	0
20	QPSK	1	49	15.24	15.31	15.19		
20	QPSK	1	99	15.17	15.33	15.20		
20	QPSK	50	0	15.18	15.35	15.22	16.5	0
20	QPSK	50	24	15.23	15.31	15.21		
20	QPSK	50	50	15.17	15.34	15.25		
20	QPSK	100	0	15.24	15.38	15.16		
20	16QAM	1	0	15.18	15.34	15.25	16.5	0
20	16QAM	1	49	15.19	15.37	15.23		
20	16QAM	1	99	15.18	15.29	15.21		
20	16QAM	50	0	15.20	15.33	15.20	16.5	0
20	16QAM	50	24	15.22	15.32	15.26		
20	16QAM	50	50	15.16	15.38	15.17		
20	16QAM	100	0	15.19	15.35	15.21		
20	64QAM	1	0	15.17	15.39	15.22	16.5	0
20	64QAM	1	49	15.26	15.31	15.26		
20	64QAM	1	99	15.24	15.29	15.21		
20	64QAM	50	0	15.19	15.33	15.26	16.5	0
20	64QAM	50	24	15.19	15.33	15.26		
20	64QAM	50	50	15.23	15.37	15.21		
20	64QAM	100	0	15.16	15.38	15.15		
20	256QAM	1	0	15.19	15.33	15.16	16.5	0
20	256QAM	1	49	15.19	15.39	15.18		
20	256QAM	1	99	15.22	15.38	15.20		
20	256QAM	50	0	15.26	15.35	15.15	16.5	0
20	256QAM	50	24	15.17	15.34	15.26		
20	256QAM	50	50	15.25	15.34	15.22		
20	256QAM	100	0	15.24	15.37	15.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.12	15.31	15.18	16.5	0
15	QPSK	1	37	15.18	15.22	15.05		
15	QPSK	1	74	15.07	15.18	15.12		
15	QPSK	36	0	15.09	15.26	15.11	16.5	0
15	QPSK	36	20	15.18	15.25	15.08		
15	QPSK	36	39	15.04	15.28	15.18		
15	QPSK	75	0	15.17	15.27	15.09		
15	16QAM	1	0	15.04	15.22	15.19	16.5	0
15	16QAM	1	37	15.07	15.28	15.10		
15	16QAM	1	74	15.06	15.19	15.06		
15	16QAM	36	0	15.15	15.21	15.14	16.5	0
15	16QAM	36	20	15.07	15.21	15.18		
15	16QAM	36	39	15.02	15.33	15.10		
15	16QAM	75	0	15.03	15.28	15.16		
15	64QAM	1	0	15.08	15.26	15.17	16.5	0
15	64QAM	1	37	15.12	15.25	15.13		
15	64QAM	1	74	15.10	15.15	15.12		
15	64QAM	36	0	15.11	15.18	15.13	16.5	0
15	64QAM	36	20	15.13	15.25	15.12		
15	64QAM	36	39	15.15	15.32	15.13		
15	64QAM	75	0	15.02	15.25	15.01		
15	256QAM	1	0	15.15	15.18	15.09	16.5	0
15	256QAM	1	37	15.15	15.23	15.13		
15	256QAM	1	74	15.11	15.25	15.12		
15	256QAM	36	0	15.16	15.20	15.10	16.5	0
15	256QAM	36	20	15.12	15.29	15.12		
15	256QAM	36	39	15.15	15.20	15.17		
15	256QAM	75	0	15.13	15.22	15.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.05	15.32	15.16	16.5	0
10	QPSK	1	25	15.10	15.18	15.12		
10	QPSK	1	49	15.03	15.27	15.08		
10	QPSK	25	0	15.07	15.21	15.06	16.5	0
10	QPSK	25	12	15.08	15.17	15.06		
10	QPSK	25	25	15.07	15.28	15.13		
10	QPSK	50	0	15.16	15.28	15.08		
10	16QAM	1	0	15.11	15.24	15.15	16.5	0
10	16QAM	1	25	15.06	15.28	15.16		
10	16QAM	1	49	15.03	15.17	15.16		
10	16QAM	25	0	15.15	15.27	15.07	16.5	0
10	16QAM	25	12	15.07	15.26	15.14		
10	16QAM	25	25	15.11	15.31	15.08		
10	16QAM	50	0	15.05	15.29	15.16		
10	64QAM	1	0	15.02	15.32	15.10	16.5	0
10	64QAM	1	25	15.10	15.26	15.14		
10	64QAM	1	49	15.11	15.18	15.14		
10	64QAM	25	0	15.13	15.17	15.20	16.5	0
10	64QAM	25	12	15.11	15.18	15.20		
10	64QAM	25	25	15.19	15.27	15.10		
10	64QAM	50	0	15.11	15.26	15.01		
10	256QAM	1	0	15.10	15.22	15.06	16.5	0
10	256QAM	1	25	15.09	15.33	15.13		
10	256QAM	1	49	15.07	15.30	15.10		
10	256QAM	25	0	15.13	15.23	15.04	16.5	0
10	256QAM	25	12	15.04	15.26	15.17		
10	256QAM	25	25	15.12	15.29	15.18		
10	256QAM	50	0	15.11	15.32	15.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.11	15.31	15.13	16.5	0
5	QPSK	1	12	15.13	15.18	15.06		
5	QPSK	1	24	15.13	15.26	15.15		
5	QPSK	12	0	15.14	15.27	15.10	16.5	0
5	QPSK	12	7	15.19	15.27	15.06		
5	QPSK	12	13	15.12	15.25	15.14		
5	QPSK	25	0	15.12	15.28	15.05		
5	16QAM	1	0	15.05	15.29	15.10	16.5	0
5	16QAM	1	12	15.08	15.32	15.15		
5	16QAM	1	24	15.06	15.15	15.14		
5	16QAM	12	0	15.10	15.25	15.08	16.5	0
5	16QAM	12	7	15.09	15.26	15.20		
5	16QAM	12	13	15.01	15.24	15.10		
5	16QAM	25	0	15.05	15.26	15.08		
5	64QAM	1	0	15.08	15.33	15.13	16.5	0
5	64QAM	1	12	15.13	15.18	15.21		
5	64QAM	1	24	15.18	15.20	15.06		
5	64QAM	12	0	15.10	15.18	15.21	16.5	0
5	64QAM	12	7	15.06	15.27	15.12		
5	64QAM	12	13	15.12	15.21	15.15		
5	64QAM	25	0	15.03	15.26	15.05		
5	256QAM	1	0	15.09	15.27	15.02	16.5	0
5	256QAM	1	12	15.06	15.29	15.05		
5	256QAM	1	24	15.09	15.30	15.09		
5	256QAM	12	0	15.20	15.22	15.02	16.5	0
5	256QAM	12	7	15.01	15.29	15.17		
5	256QAM	12	13	15.11	15.24	15.06		
5	256QAM	25	0	15.16	15.27	15.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.06	15.33	15.13	16.5	0
3	QPSK	1	8	15.10	15.21	15.07		
3	QPSK	1	14	15.11	15.19	15.05		
3	QPSK	8	0	15.08	15.26	15.07	16.5	0
3	QPSK	8	4	15.15	15.25	15.13		
3	QPSK	8	7	15.06	15.25	15.20		
3	QPSK	15	0	15.20	15.27	15.05		
3	16QAM	1	0	15.12	15.24	15.16	16.5	0
3	16QAM	1	8	15.11	15.25	15.12		
3	16QAM	1	14	15.02	15.14	15.11		
3	16QAM	8	0	15.12	15.17	15.12	16.5	0
3	16QAM	8	4	15.17	15.26	15.13		
3	16QAM	8	7	15.08	15.31	15.04		
3	16QAM	15	0	15.04	15.26	15.07		
3	64QAM	1	0	15.03	15.33	15.18	16.5	0
3	64QAM	1	8	15.16	15.24	15.22		
3	64QAM	1	14	15.16	15.24	15.12		
3	64QAM	8	0	15.08	15.24	15.20	16.5	0
3	64QAM	8	4	15.08	15.23	15.14		
3	64QAM	8	7	15.09	15.32	15.06		
3	64QAM	15	0	15.06	15.32	15.05		
3	256QAM	1	0	15.11	15.22	15.07	16.5	0
3	256QAM	1	8	15.09	15.32	15.13		
3	256QAM	1	14	15.14	15.26	15.14		
3	256QAM	8	0	15.18	15.25	15.04	16.5	0
3	256QAM	8	4	15.07	15.28	15.17		
3	256QAM	8	7	15.17	15.19	15.11		
3	256QAM	15	0	15.12	15.31	15.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.07	15.26	15.15	16.5	0
1.4	QPSK	1	3	15.10	15.16	15.07		
1.4	QPSK	1	5	15.05	15.26	15.15		
1.4	QPSK	3	0	15.07	15.24	15.12		
1.4	QPSK	3	1	15.13	15.16	15.09		
1.4	QPSK	3	3	15.02	15.21	15.15		
1.4	QPSK	6	0	15.14	15.31	15.01	16.5	0
1.4	16QAM	1	0	15.12	15.20	15.19	16.5	0
1.4	16QAM	1	3	15.09	15.22	15.18		
1.4	16QAM	1	5	15.07	15.20	15.12		
1.4	16QAM	3	0	15.10	15.21	15.15		
1.4	16QAM	3	1	15.10	15.24	15.10		
1.4	16QAM	3	3	15.07	15.24	15.10		
1.4	16QAM	6	0	15.14	15.27	15.11	16.5	0
1.4	64QAM	1	0	15.12	15.23	15.16	16.5	0
1.4	64QAM	1	3	15.15	15.21	15.15		
1.4	64QAM	1	5	15.09	15.16	15.10		
1.4	64QAM	3	0	15.05	15.17	15.15		
1.4	64QAM	3	1	15.11	15.29	15.15		
1.4	64QAM	3	3	15.12	15.29	15.17		
1.4	64QAM	6	0	15.09	15.28	15.00	16.5	0
1.4	256QAM	1	0	15.13	15.20	15.10	16.5	0
1.4	256QAM	1	3	15.04	15.30	15.04		
1.4	256QAM	1	5	15.13	15.34	15.11		
1.4	256QAM	3	0	15.15	15.27	15.11		
1.4	256QAM	3	1	15.04	15.30	15.17		
1.4	256QAM	3	3	15.21	15.26	15.11		
1.4	256QAM	6	0	15.20	15.24	15.13	16.5	0

Band 7 Other PA Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.93	15.12	14.89	15.8	0
20	QPSK	1	49	14.96	15.03	14.94		
20	QPSK	1	99	14.94	14.98	14.96		
20	QPSK	50	0	15.00	15.03	14.95	15.8	0
20	QPSK	50	24	14.90	15.00	14.92		
20	QPSK	50	50	14.91	14.99	14.91		
20	QPSK	100	0	14.98	14.99	14.93		
20	16QAM	1	0	14.90	15.00	14.87	15.8	0
20	16QAM	1	49	14.92	15.04	14.91		
20	16QAM	1	99	14.95	14.97	14.92		
20	16QAM	50	0	14.96	14.95	14.94	15.8	0
20	16QAM	50	24	14.92	14.98	14.86		
20	16QAM	50	50	14.93	15.03	14.89		
20	16QAM	100	0	14.90	15.06	14.96		
20	64QAM	1	0	14.90	15.01	14.87	15.8	0
20	64QAM	1	49	14.90	15.03	14.95		
20	64QAM	1	99	15.00	15.00	14.88		
20	64QAM	50	0	14.92	14.99	14.90	15.8	0
20	64QAM	50	24	14.90	15.02	14.90		
20	64QAM	50	50	14.93	15.00	14.87		
20	64QAM	100	0	14.93	15.01	14.86		
20	256QAM	1	0	14.95	15.06	14.93	15.8	0
20	256QAM	1	49	14.98	15.05	14.86		
20	256QAM	1	99	14.93	15.05	14.97		
20	256QAM	50	0	14.91	15.04	14.88	15.8	0
20	256QAM	50	24	14.89	15.04	14.87		
20	256QAM	50	50	14.90	15.03	14.92		
20	256QAM	100	0	14.98	15.03	14.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.89	14.96	14.83	15.8	0
15	QPSK	1	37	14.87	14.92	14.82		
15	QPSK	1	74	14.83	14.87	14.82		
15	QPSK	36	0	14.88	14.95	14.82	15.8	0
15	QPSK	36	20	14.77	14.89	14.85		
15	QPSK	36	39	14.82	14.94	14.83		
15	QPSK	75	0	14.93	14.88	14.85		
15	16QAM	1	0	14.80	14.90	14.76	15.8	0
15	16QAM	1	37	14.84	14.88	14.85		
15	16QAM	1	74	14.90	14.81	14.80		
15	16QAM	36	0	14.90	14.89	14.88	15.8	0
15	16QAM	36	20	14.83	14.86	14.81		
15	16QAM	36	39	14.77	14.96	14.82		
15	16QAM	75	0	14.82	15.00	14.81		
15	64QAM	1	0	14.75	14.94	14.81	15.8	0
15	64QAM	1	37	14.77	14.90	14.85		
15	64QAM	1	74	14.86	14.84	14.78		
15	64QAM	36	0	14.80	14.89	14.78	15.8	0
15	64QAM	36	20	14.80	14.88	14.86		
15	64QAM	36	39	14.84	14.91	14.80		
15	64QAM	75	0	14.87	14.91	14.74		
15	256QAM	1	0	14.90	14.98	14.81	15.8	0
15	256QAM	1	37	14.85	14.95	14.70		
15	256QAM	1	74	14.78	15.00	14.84		
15	256QAM	36	0	14.78	14.99	14.77	15.8	0
15	256QAM	36	20	14.76	14.96	14.77		
15	256QAM	36	39	14.80	14.93	14.80		
15	256QAM	75	0	14.82	14.95	14.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.87	14.97	14.79	15.8	0
10	QPSK	1	25	14.90	14.94	14.82		
10	QPSK	1	49	14.85	14.85	14.85		
10	QPSK	25	0	14.86	14.91	14.87	15.8	0
10	QPSK	25	12	14.84	14.91	14.85		
10	QPSK	25	25	14.80	14.92	14.76		
10	QPSK	50	0	14.83	14.89	14.84		
10	16QAM	1	0	14.78	14.93	14.80	15.8	0
10	16QAM	1	25	14.88	14.97	14.86		
10	16QAM	1	49	14.87	14.89	14.77		
10	16QAM	25	0	14.89	14.88	14.80	15.8	0
10	16QAM	25	12	14.76	14.84	14.81		
10	16QAM	25	25	14.82	14.92	14.80		
10	16QAM	50	0	14.76	14.97	14.85		
10	64QAM	1	0	14.78	14.86	14.77	15.8	0
10	64QAM	1	25	14.83	14.96	14.82		
10	64QAM	1	49	14.86	14.91	14.73		
10	64QAM	25	0	14.77	14.93	14.76	15.8	0
10	64QAM	25	12	14.77	14.91	14.78		
10	64QAM	25	25	14.80	14.94	14.76		
10	64QAM	50	0	14.79	14.94	14.75		
10	256QAM	1	0	14.79	14.98	14.81	15.8	0
10	256QAM	1	25	14.83	14.92	14.70		
10	256QAM	1	49	14.79	14.92	14.83		
10	256QAM	25	0	14.80	14.92	14.74	15.8	0
10	256QAM	25	12	14.78	14.96	14.79		
10	256QAM	25	25	14.79	14.87	14.80		
10	256QAM	50	0	14.92	14.88	14.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.85	15.03	14.76	15.8	0
5	QPSK	1	12	14.83	14.94	14.88		
5	QPSK	1	24	14.79	14.83	14.87		
5	QPSK	12	0	14.90	14.89	14.82	15.8	0
5	QPSK	12	7	14.86	14.88	14.86		
5	QPSK	12	13	14.82	14.93	14.77		
5	QPSK	25	0	14.92	14.92	14.88		
5	16QAM	1	0	14.79	14.86	14.81	15.8	0
5	16QAM	1	12	14.88	14.95	14.80		
5	16QAM	1	24	14.87	14.92	14.77		
5	16QAM	12	0	14.86	14.81	14.85	15.8	0
5	16QAM	12	7	14.79	14.85	14.82		
5	16QAM	12	13	14.86	14.88	14.79		
5	16QAM	25	0	14.76	14.91	14.87		
5	64QAM	1	0	14.86	14.96	14.81	15.8	0
5	64QAM	1	12	14.81	14.93	14.87		
5	64QAM	1	24	14.85	14.86	14.82		
5	64QAM	12	0	14.77	14.87	14.85	15.8	0
5	64QAM	12	7	14.76	14.88	14.82		
5	64QAM	12	13	14.84	14.88	14.80		
5	64QAM	25	0	14.81	14.89	14.71		
5	256QAM	1	0	14.90	14.92	14.77	15.8	0
5	256QAM	1	12	14.91	14.93	14.80		
5	256QAM	1	24	14.87	14.99	14.92		
5	256QAM	12	0	14.83	15.00	14.76	15.8	0
5	256QAM	12	7	14.75	14.96	14.81		
5	256QAM	12	13	14.76	14.88	14.86		
5	256QAM	25	0	14.88	14.90	14.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.87	17.05	16.92	18	0
20	QPSK	1	49	16.86	16.95	16.86		
20	QPSK	1	99	16.88	16.93	16.92		
20	QPSK	50	0	16.90	16.96	16.91	18	0
20	QPSK	50	24	16.81	16.95	16.89		
20	QPSK	50	50	16.88	16.95	16.94		
20	QPSK	100	0	16.82	16.92	16.91		
20	16QAM	1	0	16.88	16.94	16.85	18	0
20	16QAM	1	49	16.90	16.97	16.91		
20	16QAM	1	99	16.81	16.90	16.88		
20	16QAM	50	0	16.82	16.96	16.90	18	0
20	16QAM	50	24	16.80	16.89	16.86		
20	16QAM	50	50	16.81	16.89	16.91		
20	16QAM	100	0	16.81	16.86	16.91		
20	64QAM	1	0	16.80	16.96	16.85	18	0
20	64QAM	1	49	16.86	16.92	16.87		
20	64QAM	1	99	16.82	16.94	16.86		
20	64QAM	50	0	16.83	16.96	16.87	18	0
20	64QAM	50	24	16.80	16.88	16.87		
20	64QAM	50	50	16.82	16.88	16.89		
20	64QAM	100	0	16.85	16.87	16.85		
20	256QAM	1	0	16.82	16.92	16.86	18	0
20	256QAM	1	49	16.79	16.87	16.90		
20	256QAM	1	99	16.82	16.89	16.91		
20	256QAM	50	0	16.80	16.95	16.85	18	0
20	256QAM	50	24	16.87	16.86	16.88		
20	256QAM	50	50	16.82	16.90	16.93		
20	256QAM	100	0	16.82	16.90	16.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.75	16.74	16.82	18	0
15	QPSK	1	37	16.73	16.85	16.77		
15	QPSK	1	74	16.79	16.87	16.82		
15	QPSK	36	0	16.76	16.79	16.78	18	0
15	QPSK	36	20	16.70	16.91	16.76		
15	QPSK	36	39	16.81	16.90	16.81		
15	QPSK	75	0	16.66	16.78	16.86		
15	16QAM	1	0	16.83	16.78	16.77	18	0
15	16QAM	1	37	16.84	16.85	16.83		
15	16QAM	1	74	16.76	16.79	16.83		
15	16QAM	36	0	16.69	16.84	16.85	18	0
15	16QAM	36	20	16.74	16.81	16.72		
15	16QAM	36	39	16.67	16.74	16.79		
15	16QAM	75	0	16.71	16.73	16.76		
15	64QAM	1	0	16.65	16.85	16.77	18	0
15	64QAM	1	37	16.80	16.87	16.75		
15	64QAM	1	74	16.77	16.83	16.82		
15	64QAM	36	0	16.77	16.85	16.76	18	0
15	64QAM	36	20	16.72	16.78	16.83		
15	64QAM	36	39	16.68	16.84	16.75		
15	64QAM	75	0	16.70	16.74	16.80		
15	256QAM	1	0	16.71	16.85	16.72	18	0
15	256QAM	1	37	16.64	16.76	16.78		
15	256QAM	1	74	16.76	16.79	16.85		
15	256QAM	36	0	16.67	16.83	16.79	18	0
15	256QAM	36	20	16.73	16.80	16.80		
15	256QAM	36	39	16.72	16.76	16.81		
15	256QAM	75	0	16.69	16.82	16.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.72	16.75	16.81	18	0
10	QPSK	1	25	16.81	16.91	16.80		
10	QPSK	1	49	16.76	16.86	16.79		
10	QPSK	25	0	16.76	16.80	16.79	18	0
10	QPSK	25	12	16.77	16.90	16.76		
10	QPSK	25	25	16.74	16.90	16.81		
10	QPSK	50	0	16.67	16.75	16.81		
10	16QAM	1	0	16.73	16.80	16.69	18	0
10	16QAM	1	25	16.77	16.91	16.76		
10	16QAM	1	49	16.66	16.75	16.79		
10	16QAM	25	0	16.72	16.87	16.75	18	0
10	16QAM	25	12	16.65	16.78	16.71		
10	16QAM	25	25	16.69	16.73	16.79		
10	16QAM	50	0	16.66	16.79	16.80		
10	64QAM	1	0	16.76	16.91	16.69	18	0
10	64QAM	1	25	16.74	16.83	16.78		
10	64QAM	1	49	16.69	16.84	16.71		
10	64QAM	25	0	16.76	16.91	16.77	18	0
10	64QAM	25	12	16.67	16.81	16.80		
10	64QAM	25	25	16.78	16.75	16.79		
10	64QAM	50	0	16.80	16.80	16.74		
10	256QAM	1	0	16.68	16.81	16.75	18	0
10	256QAM	1	25	16.66	16.82	16.77		
10	256QAM	1	49	16.68	16.78	16.78		
10	256QAM	25	0	16.75	16.86	16.71	18	0
10	256QAM	25	12	16.82	16.77	16.81		
10	256QAM	25	25	16.76	16.80	16.77		
10	256QAM	50	0	16.74	16.85	16.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.72	16.81	16.87	18	0
5	QPSK	1	12	16.72	16.84	16.82		
5	QPSK	1	24	16.73	16.88	16.84		
5	QPSK	12	0	16.81	16.73	16.75	18	0
5	QPSK	12	7	16.75	16.88	16.81		
5	QPSK	12	13	16.80	16.81	16.81		
5	QPSK	25	0	16.76	16.71	16.81		
5	16QAM	1	0	16.73	16.82	16.72	18	0
5	16QAM	1	12	16.78	16.90	16.83		
5	16QAM	1	24	16.75	16.84	16.82		
5	16QAM	12	0	16.78	16.86	16.74	18	0
5	16QAM	12	7	16.68	16.76	16.75		
5	16QAM	12	13	16.65	16.81	16.76		
5	16QAM	25	0	16.68	16.82	16.77		
5	64QAM	1	0	16.73	16.90	16.72	18	0
5	64QAM	1	12	16.82	16.81	16.73		
5	64QAM	1	24	16.69	16.82	16.71		
5	64QAM	12	0	16.75	16.87	16.75	18	0
5	64QAM	12	7	16.68	16.80	16.82		
5	64QAM	12	13	16.76	16.77	16.85		
5	64QAM	25	0	16.74	16.81	16.71		
5	256QAM	1	0	16.69	16.80	16.71	18	0
5	256QAM	1	12	16.68	16.76	16.83		
5	256QAM	1	24	16.77	16.78	16.83		
5	256QAM	12	0	16.68	16.89	16.79	18	0
5	256QAM	12	7	16.80	16.74	16.82		
5	256QAM	12	13	16.77	16.79	16.79		
5	256QAM	25	0	16.75	16.77	16.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.79	16.71	16.76	18	0
3	QPSK	1	8	16.79	16.89	16.82		
3	QPSK	1	14	16.81	16.89	16.86		
3	QPSK	8	0	16.84	16.79	16.76	18	0
3	QPSK	8	4	16.75	16.82	16.80		
3	QPSK	8	7	16.82	16.83	16.84		
3	QPSK	15	0	16.74	16.78	16.77		
3	16QAM	1	0	16.78	16.80	16.76	18	0
3	16QAM	1	8	16.78	16.93	16.77		
3	16QAM	1	14	16.72	16.83	16.76		
3	16QAM	8	0	16.69	16.80	16.85	18	0
3	16QAM	8	4	16.69	16.80	16.75		
3	16QAM	8	7	16.74	16.80	16.79		
3	16QAM	15	0	16.76	16.74	16.87		
3	64QAM	1	0	16.72	16.83	16.73	18	0
3	64QAM	1	8	16.81	16.80	16.76		
3	64QAM	1	14	16.78	16.86	16.77		
3	64QAM	8	0	16.77	16.88	16.77	18	0
3	64QAM	8	4	16.70	16.84	16.75		
3	64QAM	8	7	16.67	16.74	16.84		
3	64QAM	15	0	16.71	16.75	16.71		
3	256QAM	1	0	16.71	16.83	16.80	18	0
3	256QAM	1	8	16.71	16.71	16.77		
3	256QAM	1	14	16.73	16.81	16.83		
3	256QAM	8	0	16.71	16.85	16.81	18	0
3	256QAM	8	4	16.81	16.72	16.78		
3	256QAM	8	7	16.71	16.79	16.85		
3	256QAM	15	0	16.77	16.85	16.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.81	16.79	16.84	18	0
1.4	QPSK	1	3	16.70	16.87	16.82		
1.4	QPSK	1	5	16.78	16.86	16.83		
1.4	QPSK	3	0	16.86	16.81	16.77		
1.4	QPSK	3	1	16.67	16.89	16.76		
1.4	QPSK	3	3	16.74	16.88	16.89		
1.4	QPSK	6	0	16.73	16.71	16.77	18	0
1.4	16QAM	1	0	16.77	16.81	16.72	18	0
1.4	16QAM	1	3	16.78	16.92	16.82		
1.4	16QAM	1	5	16.76	16.75	16.72		
1.4	16QAM	3	0	16.69	16.86	16.79		
1.4	16QAM	3	1	16.72	16.84	16.74		
1.4	16QAM	3	3	16.74	16.75	16.85		
1.4	16QAM	6	0	16.67	16.73	16.78	18	0
1.4	64QAM	1	0	16.71	16.88	16.73	18	0
1.4	64QAM	1	3	16.82	16.84	16.83		
1.4	64QAM	1	5	16.68	16.80	16.80		
1.4	64QAM	3	0	16.78	16.89	16.80		
1.4	64QAM	3	1	16.68	16.76	16.76		
1.4	64QAM	3	3	16.68	16.75	16.83		
1.4	64QAM	6	0	16.78	16.75	16.78	18	0
1.4	256QAM	1	0	16.73	16.83	16.77	18	0
1.4	256QAM	1	3	16.70	16.74	16.74		
1.4	256QAM	1	5	16.71	16.74	16.77		
1.4	256QAM	3	0	16.71	16.79	16.72		
1.4	256QAM	3	1	16.80	16.71	16.77		
1.4	256QAM	3	3	16.71	16.80	16.78		
1.4	256QAM	6	0	16.70	16.79	16.79	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.37	17.55	17.34	18.4	0
20	QPSK	1	49	17.47	17.41	17.43		
20	QPSK	1	99	17.44	17.45	17.45		
20	QPSK	50	0	17.42	17.49	17.43	18.4	0
20	QPSK	50	24	17.35	17.48	17.36		
20	QPSK	50	50	17.43	17.46	17.35		
20	QPSK	100	0	17.36	17.42	17.41		
20	16QAM	1	0	17.43	17.42	17.43	18.4	0
20	16QAM	1	49	17.44	17.46	17.36		
20	16QAM	1	99	17.44	17.48	17.37		
20	16QAM	50	0	17.41	17.45	17.38	18.4	0
20	16QAM	50	24	17.40	17.39	17.39		
20	16QAM	50	50	17.46	17.48	17.42		
20	16QAM	100	0	17.40	17.43	17.37		
20	64QAM	1	0	17.43	17.40	17.42	18.4	0
20	64QAM	1	49	17.42	17.49	17.45		
20	64QAM	1	99	17.36	17.49	17.38		
20	64QAM	50	0	17.39	17.39	17.40	18.4	0
20	64QAM	50	24	17.36	17.40	17.34		
20	64QAM	50	50	17.38	17.44	17.34		
20	64QAM	100	0	17.36	17.41	17.35		
20	256QAM	1	0	17.43	17.42	17.36	18.4	0
20	256QAM	1	49	17.43	17.47	17.33		
20	256QAM	1	99	17.46	17.38	17.36		
20	256QAM	50	0	17.47	17.44	17.40	18.4	0
20	256QAM	50	24	17.45	17.45	17.33		
20	256QAM	50	50	17.45	17.41	17.36		
20	256QAM	100	0	17.45	17.46	17.45		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.33	17.32	17.28	18.4	0
15	QPSK	1	37	17.36	17.32	17.28		
15	QPSK	1	74	17.36	17.31	17.37		
15	QPSK	36	0	17.31	17.35	17.36	18.4	0
15	QPSK	36	20	17.28	17.43	17.30		
15	QPSK	36	39	17.31	17.39	17.25		
15	QPSK	75	0	17.31	17.30	17.27		
15	16QAM	1	0	17.28	17.30	17.33	18.4	0
15	16QAM	1	37	17.34	17.35	17.31		
15	16QAM	1	74	17.37	17.43	17.29		
15	16QAM	36	0	17.34	17.40	17.24	18.4	0
15	16QAM	36	20	17.33	17.32	17.33		
15	16QAM	36	39	17.38	17.43	17.38		
15	16QAM	75	0	17.30	17.34	17.21		
15	64QAM	1	0	17.36	17.29	17.30	18.4	0
15	64QAM	1	37	17.32	17.43	17.31		
15	64QAM	1	74	17.27	17.36	17.24		
15	64QAM	36	0	17.34	17.35	17.28	18.4	0
15	64QAM	36	20	17.25	17.35	17.22		
15	64QAM	36	39	17.33	17.34	17.25		
15	64QAM	75	0	17.30	17.33	17.31		
15	256QAM	1	0	17.27	17.33	17.32	18.4	0
15	256QAM	1	37	17.33	17.32	17.20		
15	256QAM	1	74	17.31	17.28	17.29		
15	256QAM	36	0	17.36	17.35	17.28	18.4	0
15	256QAM	36	20	17.35	17.37	17.21		
15	256QAM	36	39	17.32	17.29	17.25		
15	256QAM	75	0	17.38	17.40	17.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.21	17.36	17.28	18.4	0
10	QPSK	1	25	17.42	17.36	17.29		
10	QPSK	1	49	17.30	17.37	17.35		
10	QPSK	25	0	17.29	17.35	17.30	18.4	0
10	QPSK	25	12	17.19	17.32	17.24		
10	QPSK	25	25	17.37	17.34	17.31		
10	QPSK	50	0	17.30	17.26	17.33		
10	16QAM	1	0	17.34	17.29	17.32	18.4	0
10	16QAM	1	25	17.32	17.35	17.29		
10	16QAM	1	49	17.29	17.37	17.29		
10	16QAM	25	0	17.30	17.41	17.33	18.4	0
10	16QAM	25	12	17.34	17.31	17.25		
10	16QAM	25	25	17.32	17.42	17.37		
10	16QAM	50	0	17.24	17.39	17.25		
10	64QAM	1	0	17.39	17.26	17.30	18.4	0
10	64QAM	1	25	17.37	17.42	17.32		
10	64QAM	1	49	17.25	17.40	17.29		
10	64QAM	25	0	17.35	17.31	17.28	18.4	0
10	64QAM	25	12	17.27	17.30	17.29		
10	64QAM	25	25	17.34	17.39	17.29		
10	64QAM	50	0	17.25	17.28	17.23		
10	256QAM	1	0	17.38	17.28	17.29	18.4	0
10	256QAM	1	25	17.29	17.35	17.25		
10	256QAM	1	49	17.38	17.32	17.32		
10	256QAM	25	0	17.34	17.28	17.25	18.4	0
10	256QAM	25	12	17.33	17.31	17.24		
10	256QAM	25	25	17.35	17.35	17.21		
10	256QAM	50	0	17.34	17.38	17.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.23	17.38	17.25	18.4	0
5	QPSK	1	12	17.37	17.32	17.39		
5	QPSK	1	24	17.36	17.40	17.32		
5	QPSK	12	0	17.28	17.35	17.37	18.4	0
5	QPSK	12	7	17.30	17.42	17.27		
5	QPSK	12	13	17.31	17.40	17.26		
5	QPSK	25	0	17.30	17.34	17.28		
5	16QAM	1	0	17.35	17.31	17.35	18.4	0
5	16QAM	1	12	17.32	17.34	17.24		
5	16QAM	1	24	17.40	17.33	17.32		
5	16QAM	12	0	17.26	17.39	17.23	18.4	0
5	16QAM	12	7	17.28	17.27	17.23		
5	16QAM	12	13	17.40	17.41	17.29		
5	16QAM	25	0	17.26	17.34	17.29		
5	64QAM	1	0	17.28	17.33	17.36	18.4	0
5	64QAM	1	12	17.37	17.38	17.40		
5	64QAM	1	24	17.29	17.38	17.25		
5	64QAM	12	0	17.29	17.28	17.24	18.4	0
5	64QAM	12	7	17.30	17.31	17.22		
5	64QAM	12	13	17.24	17.34	17.21		
5	64QAM	25	0	17.24	17.31	17.27		
5	256QAM	1	0	17.34	17.38	17.28	18.4	0
5	256QAM	1	12	17.39	17.40	17.18		
5	256QAM	1	24	17.39	17.24	17.21		
5	256QAM	12	0	17.41	17.38	17.29	18.4	0
5	256QAM	12	7	17.39	17.30	17.28		
5	256QAM	12	13	17.36	17.34	17.31		
5	256QAM	25	0	17.31	17.39	17.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.42	17.50	17.59	17.36	17.48	18.4	0
20	QPSK	1	49	17.45	17.50	17.55	17.47	17.51		
20	QPSK	1	99	17.46	17.44	17.51	17.39	17.49		
20	QPSK	50	0	17.40	17.47	17.56	17.43	17.45	18.4	0
20	QPSK	50	24	17.44	17.52	17.55	17.44	17.40		
20	QPSK	50	50	17.44	17.45	17.54	17.47	17.45		
20	QPSK	100	0	17.40	17.41	17.50	17.35	17.40		
20	16QAM	1	0	17.45	17.50	17.53	17.36	17.43	18.4	0
20	16QAM	1	49	17.46	17.42	17.52	17.41	17.51		
20	16QAM	1	99	17.44	17.45	17.52	17.45	17.42		
20	16QAM	50	0	17.44	17.48	17.57	17.44	17.42	18.4	0
20	16QAM	50	24	17.39	17.44	17.48	17.41	17.45		
20	16QAM	50	50	17.40	17.44	17.51	17.36	17.50		
20	16QAM	100	0	17.42	17.49	17.48	17.41	17.41		
20	64QAM	1	0	17.42	17.42	17.50	17.43	17.48	18.4	0
20	64QAM	1	49	17.38	17.45	17.56	17.38	17.41		
20	64QAM	1	99	17.43	17.52	17.46	17.39	17.45		
20	64QAM	50	0	17.42	17.52	17.46	17.39	17.50	18.4	0
20	64QAM	50	24	17.43	17.43	17.49	17.43	17.42		
20	64QAM	50	50	17.45	17.53	17.51	17.40	17.48		
20	64QAM	100	0	17.46	17.44	17.52	17.38	17.43		
20	256QAM	1	0	17.41	17.52	17.54	17.47	17.46	18.4	0
20	256QAM	1	49	17.47	17.52	17.50	17.44	17.49		
20	256QAM	1	99	17.42	17.41	17.54	17.42	17.47		
20	256QAM	50	0	17.46	17.48	17.48	17.40	17.42	18.4	0
20	256QAM	50	24	17.47	17.45	17.53	17.46	17.52		
20	256QAM	50	50	17.49	17.46	17.51	17.39	17.42		
20	256QAM	100	0	17.44	17.41	17.49	17.42	17.47		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.27	17.43	17.38	17.24	17.40	18.40	0
15	QPSK	1	37	17.36	17.44	17.44	17.35	17.42		
15	QPSK	1	74	17.33	17.30	17.47	17.31	17.42		
15	QPSK	36	0	17.26	17.42	17.38	17.29	17.34	18.4	0
15	QPSK	36	20	17.35	17.43	17.50	17.30	17.35		
15	QPSK	36	39	17.37	17.32	17.39	17.37	17.36		
15	QPSK	75	0	17.34	17.32	17.37	17.26	17.28		
15	16QAM	1	0	17.32	17.38	17.47	17.28	17.35	18.4	0
15	16QAM	1	37	17.31	17.32	17.42	17.34	17.41		
15	16QAM	1	74	17.29	17.34	17.38	17.33	17.27		
15	16QAM	36	0	17.40	17.36	17.48	17.28	17.32	18.4	0
15	16QAM	36	20	17.32	17.29	17.39	17.34	17.35		
15	16QAM	36	39	17.27	17.34	17.43	17.28	17.44		
15	16QAM	75	0	17.27	17.39	17.34	17.29	17.37		
15	64QAM	1	0	17.35	17.35	17.34	17.33	17.36	18.4	0
15	64QAM	1	37	17.25	17.40	17.46	17.32	17.34		
15	64QAM	1	74	17.30	17.39	17.32	17.35	17.35		
15	64QAM	36	0	17.35	17.42	17.31	17.33	17.39	18.4	0
15	64QAM	36	20	17.29	17.28	17.39	17.29	17.28		
15	64QAM	36	39	17.33	17.43	17.39	17.28	17.42		
15	64QAM	75	0	17.32	17.32	17.46	17.31	17.31		
15	256QAM	1	0	17.27	17.41	17.45	17.37	17.40	18.4	0
15	256QAM	1	37	17.41	17.48	17.35	17.32	17.42		
15	256QAM	1	74	17.27	17.27	17.40	17.31	17.37		
15	256QAM	36	0	17.38	17.40	17.34	17.26	17.37	18.4	0
15	256QAM	36	20	17.40	17.32	17.48	17.35	17.41		
15	256QAM	36	39	17.35	17.36	17.36	17.31	17.37		
15	256QAM	75	0	17.39	17.37	17.36	17.34	17.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.37	17.41	17.36	17.32	17.34	18.40	0
10	QPSK	1	25	17.34	17.36	17.40	17.41	17.42		
10	QPSK	1	49	17.41	17.40	17.37	17.28	17.37		
10	QPSK	25	0	17.33	17.41	17.32	17.31	17.36	18.4	0
10	QPSK	25	12	17.40	17.37	17.49	17.30	17.29		
10	QPSK	25	25	17.39	17.34	17.45	17.35	17.31		
10	QPSK	50	0	17.32	17.31	17.41	17.23	17.30		
10	16QAM	1	0	17.35	17.45	17.42	17.25	17.27	18.4	0
10	16QAM	1	25	17.36	17.36	17.39	17.26	17.44		
10	16QAM	1	49	17.29	17.32	17.42	17.36	17.29		
10	16QAM	25	0	17.33	17.42	17.44	17.37	17.27	18.4	0
10	16QAM	25	12	17.31	17.33	17.33	17.36	17.29		
10	16QAM	25	25	17.25	17.34	17.41	17.20	17.41		
10	16QAM	50	0	17.34	17.38	17.39	17.31	17.35		
10	64QAM	1	0	17.31	17.37	17.37	17.27	17.40	18.4	0
10	64QAM	1	25	17.26	17.37	17.49	17.23	17.35		
10	64QAM	1	49	17.28	17.38	17.42	17.27	17.30		
10	64QAM	25	0	17.33	17.40	17.31	17.34	17.40	18.4	0
10	64QAM	25	12	17.38	17.28	17.36	17.34	17.35		
10	64QAM	25	25	17.32	17.39	17.37	17.26	17.35		
10	64QAM	50	0	17.38	17.28	17.37	17.22	17.33		
10	256QAM	1	0	17.34	17.42	17.46	17.33	17.42	18.4	0
10	256QAM	1	25	17.40	17.47	17.37	17.31	17.41		
10	256QAM	1	49	17.27	17.35	17.39	17.32	17.33		
10	256QAM	25	0	17.38	17.39	17.38	17.28	17.30	18.4	0
10	256QAM	25	12	17.37	17.31	17.41	17.30	17.39		
10	256QAM	25	25	17.40	17.33	17.44	17.28	17.27		
10	256QAM	50	0	17.36	17.25	17.42	17.28	17.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.30	17.36	17.39	17.20	17.38	18.40	0
5	QPSK	1	12	17.34	17.42	17.42	17.41	17.37		
5	QPSK	1	24	17.33	17.39	17.39	17.31	17.41		
5	QPSK	12	0	17.24	17.42	17.40	17.32	17.37	18.4	0
5	QPSK	12	7	17.33	17.45	17.43	17.31	17.25		
5	QPSK	12	13	17.37	17.36	17.48	17.33	17.34		
5	QPSK	25	0	17.27	17.33	17.42	17.21	17.26		
5	16QAM	1	0	17.39	17.45	17.47	17.31	17.29	18.4	0
5	16QAM	1	12	17.35	17.37	17.46	17.32	17.38		
5	16QAM	1	24	17.39	17.35	17.41	17.32	17.29		
5	16QAM	12	0	17.36	17.37	17.47	17.28	17.38	18.4	0
5	16QAM	12	7	17.25	17.36	17.43	17.29	17.40		
5	16QAM	12	13	17.30	17.40	17.38	17.24	17.39		
5	16QAM	25	0	17.34	17.43	17.39	17.27	17.31		
5	64QAM	1	0	17.33	17.28	17.43	17.28	17.35	18.4	0
5	64QAM	1	12	17.28	17.36	17.43	17.22	17.35		
5	64QAM	1	24	17.31	17.40	17.39	17.33	17.36		
5	64QAM	12	0	17.29	17.38	17.35	17.29	17.41	18.4	0
5	64QAM	12	7	17.27	17.30	17.41	17.34	17.27		
5	64QAM	12	13	17.40	17.40	17.43	17.30	17.34		
5	64QAM	25	0	17.31	17.40	17.40	17.23	17.34		
5	256QAM	1	0	17.28	17.38	17.42	17.36	17.34	18.4	0
5	256QAM	1	12	17.38	17.41	17.37	17.34	17.37		
5	256QAM	1	24	17.32	17.33	17.44	17.34	17.32		
5	256QAM	12	0	17.31	17.37	17.34	17.27	17.31	18.4	0
5	256QAM	12	7	17.37	17.31	17.47	17.41	17.39		
5	256QAM	12	13	17.37	17.31	17.41	17.33	17.28		
5	256QAM	25	0	17.29	17.27	17.34	17.27	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.60	17.66	17.47	18.6	0
20	QPSK	1	49	17.51	17.64	17.49		
20	QPSK	1	99	17.58	17.56	17.51		
20	QPSK	50	0	17.56	17.65	17.45	18.6	0
20	QPSK	50	24	17.58	17.60	17.50		
20	QPSK	50	50	17.59	17.58	17.42		
20	QPSK	100	0	17.51	17.54	17.51		
20	16QAM	1	0	17.50	17.61	17.52	18.6	0
20	16QAM	1	49	17.60	17.62	17.52		
20	16QAM	1	99	17.56	17.55	17.52		
20	16QAM	50	0	17.58	17.53	17.45	18.6	0
20	16QAM	50	24	17.60	17.64	17.51		
20	16QAM	50	50	17.58	17.64	17.53		
20	16QAM	100	0	17.51	17.62	17.42		
20	64QAM	1	0	17.58	17.61	17.48	18.6	0
20	64QAM	1	49	17.57	17.58	17.50		
20	64QAM	1	99	17.55	17.61	17.48		
20	64QAM	50	0	17.54	17.59	17.49	18.6	0
20	64QAM	50	24	17.54	17.57	17.49		
20	64QAM	50	50	17.57	17.61	17.44		
20	64QAM	100	0	17.59	17.59	17.49		
20	256QAM	1	0	16.01	16.12	15.99	17.1	1.5
20	256QAM	1	49	16.10	16.12	15.93		
20	256QAM	1	99	16.03	16.08	16.01		
20	256QAM	50	0	16.00	16.06	15.95	17.1	1.5
20	256QAM	50	24	16.02	16.13	16.00		
20	256QAM	50	50	15.99	16.12	15.98		
20	256QAM	100	0	16.03	16.03	15.95		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.45	17.42	17.33	18.6	0
15	QPSK	1	37	17.39	17.51	17.36		
15	QPSK	1	74	17.50	17.52	17.41		
15	QPSK	36	0	17.50	17.55	17.32	18.6	0
15	QPSK	36	20	17.46	17.45	17.45		
15	QPSK	36	39	17.47	17.42	17.36		
15	QPSK	75	0	17.46	17.48	17.36		
15	16QAM	1	0	17.43	17.45	17.41	18.6	0
15	16QAM	1	37	17.53	17.50	17.44		
15	16QAM	1	74	17.46	17.50	17.46		
15	16QAM	36	0	17.42	17.40	17.38	18.6	0
15	16QAM	36	20	17.51	17.54	17.46		
15	16QAM	36	39	17.47	17.52	17.42		
15	16QAM	75	0	17.43	17.54	17.27		
15	64QAM	1	0	17.52	17.51	17.33	18.6	0
15	64QAM	1	37	17.47	17.43	17.37		
15	64QAM	1	74	17.41	17.53	17.38		
15	64QAM	36	0	17.42	17.49	17.33	18.6	0
15	64QAM	36	20	17.41	17.44	17.36		
15	64QAM	36	39	17.47	17.50	17.38		
15	64QAM	75	0	17.52	17.55	17.34		
15	256QAM	1	0	15.86	16.00	15.86	17.1	1.5
15	256QAM	1	37	16.05	15.99	15.82		
15	256QAM	1	74	15.93	16.02	15.92		
15	256QAM	36	0	15.88	16.01	15.83	17.1	1.5
15	256QAM	36	20	15.91	15.97	15.84		
15	256QAM	36	39	15.87	16.04	15.87		
15	256QAM	75	0	15.93	15.92	15.87		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.45	17.47	17.36	18.6	0
10	QPSK	1	25	17.38	17.55	17.45		
10	QPSK	1	49	17.48	17.44	17.37		
10	QPSK	25	0	17.40	17.59	17.29	18.6	0
10	QPSK	25	12	17.44	17.47	17.39		
10	QPSK	25	25	17.47	17.50	17.37		
10	QPSK	50	0	17.38	17.46	17.36		
10	16QAM	1	0	17.42	17.51	17.39	18.6	0
10	16QAM	1	25	17.53	17.47	17.37		
10	16QAM	1	49	17.48	17.46	17.41		
10	16QAM	25	0	17.43	17.44	17.30	18.6	0
10	16QAM	25	12	17.46	17.58	17.43		
10	16QAM	25	25	17.51	17.49	17.39		
10	16QAM	50	0	17.37	17.52	17.27		
10	64QAM	1	0	17.44	17.56	17.41	18.6	0
10	64QAM	1	25	17.50	17.47	17.41		
10	64QAM	1	49	17.51	17.47	17.40		
10	64QAM	25	0	17.44	17.54	17.42	18.6	0
10	64QAM	25	12	17.39	17.50	17.40		
10	64QAM	25	25	17.45	17.55	17.40		
10	64QAM	50	0	17.50	17.48	17.34		
10	256QAM	1	0	15.89	16.02	15.87	17.1	1.5
10	256QAM	1	25	16.01	16.05	15.83		
10	256QAM	1	49	15.90	15.93	15.87		
10	256QAM	25	0	15.91	15.98	15.80	17.1	1.5
10	256QAM	25	12	15.92	16.06	15.94		
10	256QAM	25	25	15.85	16.08	15.84		
10	256QAM	50	0	15.89	15.95	15.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.48	17.42	17.32	18.6	0
5	QPSK	1	12	17.46	17.54	17.34		
5	QPSK	1	24	17.51	17.46	17.45		
5	QPSK	12	0	17.50	17.55	17.33	18.6	0
5	QPSK	12	7	17.50	17.47	17.45		
5	QPSK	12	13	17.50	17.52	17.27		
5	QPSK	25	0	17.36	17.49	17.39		
5	16QAM	1	0	17.36	17.48	17.45	18.6	0
5	16QAM	1	12	17.51	17.58	17.38		
5	16QAM	1	24	17.51	17.44	17.39		
5	16QAM	12	0	17.46	17.39	17.40	18.6	0
5	16QAM	12	7	17.45	17.54	17.36		
5	16QAM	12	13	17.42	17.55	17.43		
5	16QAM	25	0	17.41	17.57	17.34		
5	64QAM	1	0	17.53	17.49	17.41	18.6	0
5	64QAM	1	12	17.41	17.47	17.42		
5	64QAM	1	24	17.50	17.50	17.38		
5	64QAM	12	0	17.41	17.52	17.41	18.6	0
5	64QAM	12	7	17.43	17.46	17.34		
5	64QAM	12	13	17.42	17.49	17.40		
5	64QAM	25	0	17.53	17.49	17.43		
5	256QAM	1	0	15.92	16.07	15.92	17.1	1.5
5	256QAM	1	12	16.02	16.00	15.78		
5	256QAM	1	24	15.89	15.94	15.91		
5	256QAM	12	0	15.93	16.00	15.84	17.1	1.5
5	256QAM	12	7	15.95	15.99	15.93		
5	256QAM	12	13	15.91	16.03	15.93		
5	256QAM	25	0	15.94	15.94	15.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.13	16.21	16.06	16.07	17.2	0
20	QPSK	1	49	16.02	16.12	16.07	15.99		
20	QPSK	1	99	16.08	16.14	16.02	16.01		
20	QPSK	50	0	16.08	16.13	16.11	16.07	17.2	0
20	QPSK	50	24	16.04	16.09	16.05	15.98		
20	QPSK	50	50	16.12	16.12	16.01	16.00		
20	QPSK	100	0	16.03	16.09	16.04	15.96		
20	16QAM	1	0	16.14	16.07	16.08	16.03	17.2	0
20	16QAM	1	49	16.09	16.06	16.01	16.06		
20	16QAM	1	99	16.08	16.16	16.00	15.99		
20	16QAM	50	0	16.08	16.07	16.02	15.96	17.2	0
20	16QAM	50	24	16.13	16.16	16.04	15.98		
20	16QAM	50	50	16.10	16.05	16.08	15.97		
20	16QAM	100	0	16.06	16.09	16.06	16.02		
20	64QAM	1	0	16.14	16.16	16.09	16.01	17.2	0
20	64QAM	1	49	16.05	16.07	16.07	16.04		
20	64QAM	1	99	16.10	16.06	16.07	16.00		
20	64QAM	50	0	16.10	16.16	16.04	15.99	17.2	0
20	64QAM	50	24	16.14	16.16	16.03	16.00		
20	64QAM	50	50	16.08	16.15	16.09	16.06		
20	64QAM	100	0	16.08	16.11	16.03	16.03		
20	256QAM	1	0	15.08	15.07	15.00	14.95	16.2	1
20	256QAM	1	49	15.11	15.12	15.06	15.02		
20	256QAM	1	99	15.10	15.13	15.05	15.02		
20	256QAM	50	0	15.09	15.12	15.01	15.03	16.2	1
20	256QAM	50	24	15.04	15.12	15.02	15.04		
20	256QAM	50	50	15.12	15.14	15.03	15.07		
20	256QAM	100	0	15.08	15.11	15.02	14.97		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.07	16.00	15.95	16.01	17.2	0
15	QPSK	1	37	15.95	16.01	15.97	15.94		
15	QPSK	1	74	16.00	16.01	15.90	15.89		
15	QPSK	36	0	15.98	15.91	15.98	15.94	17.2	0
15	QPSK	36	20	15.98	15.99	15.96	15.94		
15	QPSK	36	39	16.08	16.06	15.95	15.95		
15	QPSK	75	0	15.89	16.02	15.96	15.91		
15	16QAM	1	0	16.07	15.96	15.96	15.90	17.2	0
15	16QAM	1	37	15.99	15.96	15.93	16.00		
15	16QAM	1	74	15.95	16.07	15.94	15.85		
15	16QAM	36	0	15.94	15.91	15.91	15.83	17.2	0
15	16QAM	36	20	15.98	16.00	15.90	15.90		
15	16QAM	36	39	16.00	15.97	15.97	15.86		
15	16QAM	75	0	15.95	15.95	15.94	15.89		
15	64QAM	1	0	16.00	16.12	15.95	15.92	17.2	0
15	64QAM	1	37	15.93	15.97	16.01	15.96		
15	64QAM	1	74	16.06	15.96	15.99	15.85		
15	64QAM	36	0	15.99	16.01	15.90	15.86	17.2	0
15	64QAM	36	20	16.00	16.05	15.98	15.91		
15	64QAM	36	39	15.98	16.05	15.96	16.01		
15	64QAM	75	0	16.00	15.96	15.87	15.94		
15	256QAM	1	0	14.94	14.96	14.84	14.79	16.2	1
15	256QAM	1	37	15.02	15.06	14.98	14.94		
15	256QAM	1	74	15.04	15.08	14.92	14.94		
15	256QAM	36	0	14.98	14.99	14.97	14.98	16.2	1
15	256QAM	36	20	14.97	15.08	14.88	14.89		
15	256QAM	36	39	14.98	14.99	14.90	14.99		
15	256QAM	75	0	14.98	14.97	14.95	14.85		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.06	16.03	16.01	15.99	17.2	0
10	QPSK	1	25	15.98	16.07	16.02	15.91		
10	QPSK	1	49	15.93	15.98	15.92	15.87		
10	QPSK	25	0	15.94	15.96	16.06	16.02	17.2	0
10	QPSK	25	12	15.92	15.98	15.95	15.90		
10	QPSK	25	25	15.99	15.99	15.88	15.90		
10	QPSK	50	0	15.91	16.03	15.92	15.88		
10	16QAM	1	0	16.08	16.01	15.94	15.94	17.2	0
10	16QAM	1	25	16.04	15.90	15.86	15.91		
10	16QAM	1	49	15.96	16.10	15.95	15.87		
10	16QAM	25	0	16.03	16.03	15.91	15.91	17.2	0
10	16QAM	25	12	16.07	16.11	15.98	15.90		
10	16QAM	25	25	15.95	15.92	15.96	15.82		
10	16QAM	50	0	16.01	15.98	15.91	15.97		
10	64QAM	1	0	16.08	16.06	15.97	15.88	17.2	0
10	64QAM	1	25	16.00	15.95	15.93	15.94		
10	64QAM	1	49	16.06	16.01	15.93	15.89		
10	64QAM	25	0	16.04	16.06	15.98	15.87	17.2	0
10	64QAM	25	12	16.01	16.03	15.90	15.87		
10	64QAM	25	25	15.99	16.07	15.96	16.00		
10	64QAM	50	0	15.97	16.01	15.92	15.98		
10	256QAM	1	0	15.02	15.01	14.89	14.83	16.2	1
10	256QAM	1	25	14.96	15.00	14.92	14.96		
10	256QAM	1	49	15.00	15.07	15.00	14.93		
10	256QAM	25	0	15.03	14.96	14.96	14.91	16.2	1
10	256QAM	25	12	14.89	14.96	14.97	14.90		
10	256QAM	25	25	14.97	15.07	14.98	14.96		
10	256QAM	50	0	15.01	15.06	14.93	14.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.08	15.98	15.95	15.97	17.2	0
5	QPSK	1	12	15.90	16.01	15.92	15.83		
5	QPSK	1	24	15.99	16.04	15.93	15.93		
5	QPSK	12	0	15.92	15.94	16.04	15.94	17.2	0
5	QPSK	12	7	15.95	15.94	15.89	15.84		
5	QPSK	12	13	16.01	16.04	15.97	15.95		
5	QPSK	25	0	15.89	16.05	15.97	15.85		
5	16QAM	1	0	16.05	15.91	15.94	15.89	17.2	0
5	16QAM	1	12	16.02	15.99	15.85	15.96		
5	16QAM	1	24	15.96	16.02	15.96	15.94		
5	16QAM	12	0	15.93	15.99	15.89	15.90	17.2	0
5	16QAM	12	7	16.00	16.01	15.96	15.91		
5	16QAM	12	13	15.99	15.98	16.00	15.88		
5	16QAM	25	0	16.00	15.95	15.94	15.94		
5	64QAM	1	0	16.04	16.01	15.97	15.89	17.2	0
5	64QAM	1	12	15.91	15.95	15.96	15.91		
5	64QAM	1	24	16.06	15.92	15.96	15.89		
5	64QAM	12	0	16.01	16.01	15.90	15.83	17.2	0
5	64QAM	12	7	15.98	16.05	15.92	15.86		
5	64QAM	12	13	16.03	16.01	15.96	15.96		
5	64QAM	25	0	15.97	15.99	15.90	15.90		
5	256QAM	1	0	15.01	14.96	14.86	14.86	16.2	1
5	256QAM	1	12	15.01	14.97	14.94	14.97		
5	256QAM	1	24	15.04	15.08	14.90	14.90		
5	256QAM	12	0	14.94	14.98	14.87	14.88	16.2	1
5	256QAM	12	7	14.94	14.98	14.91	14.96		
5	256QAM	12	13	15.03	15.06	14.92	15.01		
5	256QAM	25	0	15.01	15.06	14.96	14.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.31	24.39	24.35	25.5	0
20	QPSK	1	49	24.26	24.34	24.22		
20	QPSK	1	99	24.25	24.30	24.31		
20	QPSK	50	0	23.37	23.41	23.37	24.5	1
20	QPSK	50	24	23.31	23.29	23.26		
20	QPSK	50	50	23.30	23.35	23.34		
20	QPSK	100	0	23.28	23.37	23.41		
20	16QAM	1	0	23.28	23.34	23.34	24.5	1
20	16QAM	1	49	23.20	23.38	23.18		
20	16QAM	1	99	23.30	23.26	23.35		
20	16QAM	50	0	22.40	22.41	22.32	23.5	2
20	16QAM	50	24	22.35	22.30	22.28		
20	16QAM	50	50	22.28	22.33	22.30		
20	16QAM	100	0	22.30	22.34	22.39		
20	64QAM	1	0	22.22	22.40	22.34	23.5	2
20	64QAM	1	49	22.18	22.35	22.22		
20	64QAM	1	99	22.31	22.21	22.36		
20	64QAM	50	0	21.31	21.44	21.39	22.5	3
20	64QAM	50	24	21.34	21.27	21.29		
20	64QAM	50	50	21.32	21.33	21.34		
20	64QAM	100	0	21.29	21.42	21.39		
20	256QAM	1	0	19.42	19.42	19.39	20.5	5
20	256QAM	1	49	19.30	19.25	19.29		
20	256QAM	1	99	19.34	19.37	19.35		
20	256QAM	50	0	19.27	19.32	19.43	20.5	5
20	256QAM	50	24	19.27	19.34	19.30		
20	256QAM	50	50	19.14	19.39	19.23		
20	256QAM	100	0	19.28	19.28	19.36		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.27	24.33	24.21	25.5	0
15	QPSK	1	37	24.20	24.25	24.10		
15	QPSK	1	74	24.11	24.26	24.17		
15	QPSK	36	0	23.24	23.38	23.33	24.5	1
15	QPSK	36	20	23.23	23.18	23.15		
15	QPSK	36	39	23.20	23.31	23.22		
15	QPSK	75	0	23.17	23.33	23.32		
15	16QAM	1	0	23.25	23.22	23.20	24.5	1
15	16QAM	1	37	23.09	23.25	23.10		
15	16QAM	1	74	23.18	23.21	23.31		
15	16QAM	36	0	22.33	22.35	22.29	23.5	2
15	16QAM	36	20	22.26	22.18	22.15		
15	16QAM	36	39	22.19	22.21	22.23		
15	16QAM	75	0	22.21	22.24	22.26		
15	64QAM	1	0	22.08	22.34	22.25	23.5	2
15	64QAM	1	37	22.13	22.27	22.19		
15	64QAM	1	74	22.20	22.19	22.26		
15	64QAM	36	0	21.22	21.40	21.31	22.5	3
15	64QAM	36	20	21.24	21.21	21.18		
15	64QAM	36	39	21.29	21.25	21.26		
15	64QAM	75	0	21.15	21.29	21.35		
15	256QAM	1	0	19.39	19.37	19.31	20.5	5
15	256QAM	1	37	19.27	19.20	19.23		
15	256QAM	1	74	19.22	19.35	19.24		
15	256QAM	36	0	19.23	19.23	19.31	20.5	5
15	256QAM	36	20	19.25	19.21	19.21		
15	256QAM	36	39	19.02	19.34	19.20		
15	256QAM	75	0	19.18	19.16	19.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.17	24.36	24.30	25.5	0
10	QPSK	1	25	24.20	24.23	24.16		
10	QPSK	1	49	24.21	24.21	24.17		
10	QPSK	25	0	23.25	23.28	23.33	24.5	1
10	QPSK	25	12	23.23	23.25	23.17		
10	QPSK	25	25	23.22	23.24	23.22		
10	QPSK	50	0	23.18	23.27	23.28		
10	16QAM	1	0	23.16	23.22	23.28	24.5	1
10	16QAM	1	25	23.06	23.29	23.15		
10	16QAM	1	49	23.26	23.21	23.28		
10	16QAM	25	0	22.37	22.30	22.27	23.5	2
10	16QAM	25	12	22.26	22.24	22.16		
10	16QAM	25	25	22.23	22.22	22.26		
10	16QAM	50	0	22.17	22.29	22.29		
10	64QAM	1	0	22.14	22.28	22.27	23.5	2
10	64QAM	1	25	22.10	22.28	22.09		
10	64QAM	1	49	22.24	22.14	22.28		
10	64QAM	25	0	21.28	21.39	21.32	22.5	3
10	64QAM	25	12	21.26	21.24	21.17		
10	64QAM	25	25	21.27	21.26	21.21		
10	64QAM	50	0	21.23	21.34	21.25		
10	256QAM	1	0	19.35	19.35	19.27	20.5	5
10	256QAM	1	25	19.16	19.18	19.20		
10	256QAM	1	49	19.26	19.32	19.25		
10	256QAM	25	0	19.21	19.24	19.33	20.5	5
10	256QAM	25	12	19.15	19.21	19.26		
10	256QAM	25	25	19.00	19.31	19.13		
10	256QAM	50	0	19.15	19.15	19.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.20	24.27	24.25	25.5	0
5	QPSK	1	12	24.13	24.24	24.15		
5	QPSK	1	24	24.17	24.21	24.25		
5	QPSK	12	0	23.27	23.37	23.34	24.5	1
5	QPSK	12	7	23.23	23.17	23.14		
5	QPSK	12	13	23.20	23.22	23.25		
5	QPSK	25	0	23.19	23.32	23.28		
5	16QAM	1	0	23.22	23.28	23.26	24.5	1
5	16QAM	1	12	23.12	23.33	23.14		
5	16QAM	1	24	23.16	23.14	23.32		
5	16QAM	12	0	22.28	22.37	22.21	23.5	2
5	16QAM	12	7	22.24	22.26	22.24		
5	16QAM	12	13	22.17	22.22	22.24		
5	16QAM	25	0	22.27	22.31	22.34		
5	64QAM	1	0	22.13	22.29	22.30	23.5	2
5	64QAM	1	12	22.05	22.30	22.19		
5	64QAM	1	24	22.25	22.17	22.24		
5	64QAM	12	0	21.25	21.35	21.27	22.5	3
5	64QAM	12	7	21.24	21.20	21.18		
5	64QAM	12	13	21.20	21.20	21.31		
5	64QAM	25	0	21.26	21.35	21.32		
5	256QAM	1	0	19.35	19.40	19.36	20.5	5
5	256QAM	1	12	19.18	19.14	19.16		
5	256QAM	1	24	19.26	19.26	19.32		
5	256QAM	12	0	19.21	19.23	19.37	20.5	5
5	256QAM	12	7	19.14	19.23	19.17		
5	256QAM	12	13	19.03	19.26	19.10		
5	256QAM	25	0	19.15	19.16	19.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.31	23.35	23.28	23.25	24.4	0
20	QPSK	1	49	23.22	23.28	23.15	23.15		
20	QPSK	1	99	23.19	23.23	23.24	23.18		
20	QPSK	50	0	22.30	22.38	22.26	22.25	23.4	1
20	QPSK	50	24	22.16	22.29	22.18	22.14		
20	QPSK	50	50	22.13	22.20	22.18	22.18		
20	QPSK	100	0	22.37	22.32	22.29	22.24		
20	16QAM	1	0	22.33	22.31	22.32	22.20	23.4	1
20	16QAM	1	49	22.21	22.31	22.10	22.17		
20	16QAM	1	99	22.21	22.27	22.25	22.22		
20	16QAM	50	0	21.31	21.32	21.28	21.22	22.4	2
20	16QAM	50	24	21.10	21.26	21.14	21.11		
20	16QAM	50	50	21.17	21.17	21.14	21.21		
20	16QAM	100	0	21.38	21.38	21.24	21.29		
20	64QAM	1	0	21.27	21.34	21.29	21.20	22.4	2
20	64QAM	1	49	21.25	21.35	21.04	21.19		
20	64QAM	1	99	21.21	21.28	21.27	21.16		
20	64QAM	50	0	20.34	20.35	20.32	20.24	21.4	3
20	64QAM	50	24	20.20	20.28	20.17	20.11		
20	64QAM	50	50	20.17	20.17	20.13	20.23		
20	64QAM	100	0	20.41	20.31	20.32	20.23		
20	256QAM	1	0	18.35	18.35	18.25	18.24	19.4	5
20	256QAM	1	49	18.10	18.27	18.22	18.13		
20	256QAM	1	99	18.14	18.24	18.23	18.24		
20	256QAM	50	0	18.37	18.35	18.28	18.25	19.4	5
20	256QAM	50	24	18.31	18.31	18.31	18.18		
20	256QAM	50	50	18.16	18.29	18.07	18.12		
20	256QAM	100	0	18.21	18.23	18.29	18.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.28	23.24	23.25	23.22	24.4	0
15	QPSK	1	37	23.15	23.17	23.05	23.05		
15	QPSK	1	74	23.13	23.19	23.17	23.05		
15	QPSK	36	0	22.16	22.34	22.17	22.18	23.4	1
15	QPSK	36	20	22.05	22.19	22.06	22.11		
15	QPSK	36	39	21.99	22.14	22.05	22.13		
15	QPSK	75	0	22.26	22.21	22.18	22.21		
15	16QAM	1	0	22.25	22.18	22.22	22.11	23.4	1
15	16QAM	1	37	22.12	22.27	22.07	22.04		
15	16QAM	1	74	22.10	22.19	22.22	22.10		
15	16QAM	36	0	21.22	21.20	21.21	21.10	22.4	2
15	16QAM	36	20	21.05	21.16	21.11	21.03		
15	16QAM	36	39	21.07	21.07	21.01	21.10		
15	16QAM	75	0	21.31	21.29	21.14	21.25		
15	64QAM	1	0	21.21	21.30	21.19	21.13	22.4	2
15	64QAM	1	37	21.22	21.30	20.91	21.07		
15	64QAM	1	74	21.15	21.23	21.15	21.12		
15	64QAM	36	0	20.20	20.25	20.24	20.10	21.4	3
15	64QAM	36	20	20.16	20.17	20.12	20.03		
15	64QAM	36	39	20.12	20.12	20.08	20.11		
15	64QAM	75	0	20.28	20.20	20.25	20.15		
15	256QAM	1	0	18.26	18.27	18.20	18.14	19.4	5
15	256QAM	1	37	18.06	18.25	18.11	18.05		
15	256QAM	1	74	18.11	18.21	18.20	18.13		
15	256QAM	36	0	18.32	18.32	18.22	18.14	19.4	5
15	256QAM	36	20	18.17	18.26	18.23	18.09		
15	256QAM	36	39	18.07	18.22	18.04	18.07		
15	256QAM	75	0	18.09	18.11	18.16	18.22		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.24	23.30	23.15	23.13	24.4	0
10	QPSK	1	25	23.11	23.17	23.06	23.08		
10	QPSK	1	49	23.14	23.15	23.20	23.12		
10	QPSK	25	0	22.25	22.32	22.19	22.21	23.4	1
10	QPSK	25	12	22.14	22.15	22.14	22.02		
10	QPSK	25	25	22.09	22.10	22.12	22.16		
10	QPSK	50	0	22.31	22.27	22.23	22.20		
10	16QAM	1	0	22.29	22.17	22.28	22.09	23.4	1
10	16QAM	1	25	22.13	22.22	22.04	22.13		
10	16QAM	1	49	22.13	22.15	22.14	22.20		
10	16QAM	25	0	21.26	21.20	21.15	21.11	22.4	2
10	16QAM	25	12	21.07	21.18	21.02	21.05		
10	16QAM	25	25	21.06	21.11	21.04	21.18		
10	16QAM	50	0	21.33	21.34	21.20	21.25		
10	64QAM	1	0	21.21	21.29	21.19	21.12	22.4	2
10	64QAM	1	25	21.14	21.24	20.97	21.07		
10	64QAM	1	49	21.18	21.26	21.20	21.04		
10	64QAM	25	0	20.30	20.32	20.23	20.11	21.4	3
10	64QAM	25	12	20.17	20.25	20.14	20.03		
10	64QAM	25	25	20.10	20.12	20.06	20.15		
10	64QAM	50	0	20.34	20.29	20.30	20.13		
10	256QAM	1	0	18.30	18.24	18.13	18.17	19.4	5
10	256QAM	1	25	18.03	18.21	18.13	18.02		
10	256QAM	1	49	18.01	18.22	18.14	18.21		
10	256QAM	25	0	18.26	18.24	18.22	18.17	19.4	5
10	256QAM	25	12	18.19	18.20	18.20	18.12		
10	256QAM	25	25	18.12	18.24	18.02	18.05		
10	256QAM	50	0	18.11	18.21	18.22	18.21		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.20	23.23	23.20	23.20	24.4	0
5	QPSK	1	12	23.16	23.20	23.07	23.09		
5	QPSK	1	24	23.16	23.10	23.20	23.08		
5	QPSK	12	0	22.22	22.27	22.24	22.17	23.4	1
5	QPSK	12	7	22.13	22.23	22.13	22.11		
5	QPSK	12	13	22.08	22.14	22.07	22.09		
5	QPSK	25	0	22.23	22.25	22.23	22.19		
5	16QAM	1	0	22.28	22.19	22.26	22.08	23.4	1
5	16QAM	1	12	22.09	22.25	22.06	22.14		
5	16QAM	1	24	22.19	22.22	22.23	22.14		
5	16QAM	12	0	21.27	21.29	21.16	21.12	22.4	2
5	16QAM	12	7	21.04	21.22	21.01	20.98		
5	16QAM	12	13	21.14	21.08	21.12	21.12		
5	16QAM	25	0	21.32	21.30	21.17	21.18		
5	64QAM	1	0	21.24	21.30	21.24	21.14	22.4	2
5	64QAM	1	12	21.14	21.22	20.91	21.10		
5	64QAM	1	24	21.11	21.25	21.16	21.05		
5	64QAM	12	0	20.23	20.25	20.19	20.19	21.4	3
5	64QAM	12	7	20.13	20.24	20.04	20.03		
5	64QAM	12	13	20.10	20.13	20.07	20.09		
5	64QAM	25	0	20.34	20.24	20.29	20.17		
5	256QAM	1	0	18.26	18.28	18.21	18.19	19.4	5
5	256QAM	1	12	17.97	18.16	18.14	18.00		
5	256QAM	1	24	18.06	18.16	18.16	18.20		
5	256QAM	12	0	18.24	18.23	18.16	18.23	19.4	5
5	256QAM	12	7	18.27	18.22	18.20	18.05		
5	256QAM	12	13	18.09	18.24	18.02	18.04		
5	256QAM	25	0	18.16	18.21	18.20	18.17		

Reduced Power Mode for DSI3

GSM850 Ant0 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.11	33.00	23.12	23.15	23.11	24.00
GPRS 1 Tx slot	32.02	32.06	32.01	33.00	23.02	23.06	23.01	24.00
GPRS 2 Tx slots	28.91	28.93	28.90	30.00	22.91	22.93	22.90	24.00
GPRS 3 Tx slots	27.25	27.30	27.22	28.20	22.99	23.04	22.96	23.94
GPRS 4 Tx slots	26.09	26.11	26.05	27.00	23.09	23.11	23.05	24.00
EDGE 1 Tx slot	26.00	26.05	26.02	28.00	17.00	17.05	17.02	19.00
EDGE 2 Tx slots	23.98	24.03	23.95	25.00	17.98	18.03	17.95	19.00
EDGE 3 Tx slots	21.99	22.06	22.01	23.20	17.73	17.80	17.75	18.94
EDGE 4 Tx slots	21.15	21.27	21.21	22.00	18.15	18.27	18.21	19.00

Band		WCDMA V Ant0 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.28	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.35	24.22	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.33	23.18	24.00
3GPP Rel 6	HSDPA Subtest-2	23.24	23.35	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	22.74	22.89	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.80	22.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.35	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.39	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.90	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.86	22.67	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.40	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	22.20	22.41	22.17	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.32	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.22	23.32	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.88	20.74	21.50

Band 5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.19	25.21	25.16	25.7	0
10	QPSK	1	25	25.20	25.17	25.07		
10	QPSK	1	49	25.19	25.16	25.07		
10	QPSK	25	0	24.16	24.23	24.22	24.7	1
10	QPSK	25	12	24.19	24.13	24.08		
10	QPSK	25	25	24.14	24.19	24.11		
10	QPSK	50	0	24.16	24.25	24.19		
10	16QAM	1	0	24.11	24.14	24.21	24.7	1
10	16QAM	1	25	24.13	24.10	24.05		
10	16QAM	1	49	24.13	24.14	24.07		
10	16QAM	25	0	23.18	23.22	23.28	23.7	2
10	16QAM	25	12	23.19	23.09	23.03		
10	16QAM	25	25	23.13	23.20	23.15		
10	16QAM	50	0	23.12	23.27	23.24		
10	64QAM	1	0	23.14	23.20	23.21	23.7	2
10	64QAM	1	25	23.14	23.07	23.02		
10	64QAM	1	49	23.14	23.15	23.03		
10	64QAM	25	0	22.13	22.21	22.16	22.7	3
10	64QAM	25	12	22.17	22.17	22.14		
10	64QAM	25	25	22.11	22.21	22.08		
10	64QAM	50	0	22.20	22.21	22.13		
10	256QAM	1	0	20.19	20.28	20.25	20.7	5
10	256QAM	1	25	20.15	20.10	20.11		
10	256QAM	1	49	20.12	20.21	20.16		
10	256QAM	25	0	20.14	20.30	20.16	20.7	5
10	256QAM	25	12	20.05	20.17	20.23		
10	256QAM	25	25	20.16	20.13	20.10		
10	256QAM	50	0	20.18	20.19	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.16	25.07	25.7	0
5	QPSK	1	12	25.06	25.14	24.97		
5	QPSK	1	24	25.13	25.07	24.96		
5	QPSK	12	0	24.07	24.12	24.15	24.7	1
5	QPSK	12	7	24.06	24.01	24.03		
5	QPSK	12	13	24.09	24.12	24.03		
5	QPSK	25	0	24.10	24.20	24.15		
5	16QAM	1	0	23.99	24.04	24.15	24.7	1
5	16QAM	1	12	24.05	24.02	23.94		
5	16QAM	1	24	24.01	24.06	23.95		
5	16QAM	12	0	23.05	23.14	23.18	23.7	2
5	16QAM	12	7	23.10	23.07	22.90		
5	16QAM	12	13	23.09	23.10	23.10		
5	16QAM	25	0	23.08	23.23	23.22		
5	64QAM	1	0	23.00	23.09	23.12	23.7	2
5	64QAM	1	12	23.11	22.97	22.96		
5	64QAM	1	24	23.08	23.03	22.92		
5	64QAM	12	0	22.03	22.16	22.14	22.7	3
5	64QAM	12	7	22.09	22.14	22.10		
5	64QAM	12	13	22.00	22.18	21.96		
5	64QAM	25	0	22.07	22.08	22.06		
5	256QAM	1	0	20.16	20.17	20.23	20.7	5
5	256QAM	1	12	20.02	20.03	20.05		
5	256QAM	1	24	20.00	20.19	20.02		
5	256QAM	12	0	20.04	20.17	20.05	20.7	5
5	256QAM	12	7	20.01	20.13	20.19		
5	256QAM	12	13	20.04	20.00	20.06		
5	256QAM	25	0	20.07	20.08	19.93		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.14	25.09	25.10	25.7	0
3	QPSK	1	8	25.14	25.15	24.95		
3	QPSK	1	14	25.05	25.05	24.96		
3	QPSK	8	0	24.05	24.20	24.16	24.7	1
3	QPSK	8	4	24.06	23.99	24.03		
3	QPSK	8	7	24.04	24.11	24.01		
3	QPSK	15	0	24.11	24.17	24.16		
3	16QAM	1	0	24.02	24.11	24.15	24.7	1
3	16QAM	1	8	24.09	24.05	23.94		
3	16QAM	1	14	24.00	24.10	23.99		
3	16QAM	8	0	23.08	23.13	23.23	23.7	2
3	16QAM	8	4	23.11	23.03	22.93		
3	16QAM	8	7	23.03	23.08	23.03		
3	16QAM	15	0	23.00	23.24	23.21		
3	64QAM	1	0	23.02	23.17	23.10	23.7	2
3	64QAM	1	8	23.03	22.93	22.90		
3	64QAM	1	14	23.01	23.10	22.96		
3	64QAM	8	0	22.05	22.08	22.09	22.7	3
3	64QAM	8	4	22.05	22.09	22.07		
3	64QAM	8	7	22.01	22.16	21.99		
3	64QAM	15	0	22.10	22.09	22.01		
3	256QAM	1	0	20.11	20.15	20.14	20.7	5
3	256QAM	1	8	20.01	20.05	19.99		
3	256QAM	1	14	20.09	20.07	20.03		
3	256QAM	8	0	20.12	20.18	20.03	20.7	5
3	256QAM	8	4	19.99	20.13	20.21		
3	256QAM	8	7	20.05	20.01	20.00		
3	256QAM	15	0	20.15	20.08	19.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.10	25.11	25.14	25.7	0
1.4	QPSK	1	3	25.12	25.05	25.03		
1.4	QPSK	1	5	25.08	25.03	25.05		
1.4	QPSK	3	0	25.00	25.08	25.03		
1.4	QPSK	3	1	25.06	25.03	24.94		
1.4	QPSK	3	3	24.96	24.90	24.97		
1.4	QPSK	6	0	24.10	24.16	24.14	24.7	1
1.4	16QAM	1	0	24.03	24.06	24.08	24.7	1
1.4	16QAM	1	3	24.05	24.02	23.93		
1.4	16QAM	1	5	24.00	24.07	24.02		
1.4	16QAM	3	0	24.02	24.13	24.06		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	23.93	23.90	23.86		
1.4	16QAM	6	0	23.04	23.16	23.16	23.7	2
1.4	64QAM	1	0	23.06	23.11	23.16	23.7	2
1.4	64QAM	1	3	23.02	22.99	22.93		
1.4	64QAM	1	5	23.05	23.07	23.00		
1.4	64QAM	3	0	22.98	23.03	23.06		
1.4	64QAM	3	1	22.98	23.05	23.06		
1.4	64QAM	3	3	22.94	22.97	22.83		
1.4	64QAM	6	0	22.12	22.12	22.10	22.7	3
1.4	256QAM	1	0	20.11	20.21	20.16	20.7	5
1.4	256QAM	1	3	20.01	20.03	20.06		
1.4	256QAM	1	5	19.99	20.18	20.12		
1.4	256QAM	3	0	20.01	20.20	20.02		
1.4	256QAM	3	1	19.99	20.04	20.21		
1.4	256QAM	3	3	20.03	20.00	20.05		
1.4	256QAM	6	0	20.06	20.13	19.99	20.7	5

Band 12 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.72	24.78	24.73	25.5	0
10	QPSK	1	25	24.67	24.71	24.60		
10	QPSK	1	49	24.60	24.69	24.71		
10	QPSK	25	0	23.66	23.82	23.68	24.5	1
10	QPSK	25	12	23.68	23.73	23.55		
10	QPSK	25	25	23.62	23.74	23.66		
10	QPSK	50	0	23.71	23.79	23.75		
10	16QAM	1	0	23.75	23.73	23.72	24.5	1
10	16QAM	1	25	23.65	23.71	23.64		
10	16QAM	1	49	23.61	23.72	23.71		
10	16QAM	25	0	22.64	22.85	22.71	23.5	2
10	16QAM	25	12	22.68	22.70	22.51		
10	16QAM	25	25	22.57	22.74	22.64		
10	16QAM	50	0	22.67	22.81	22.75		
10	64QAM	1	0	22.70	22.79	22.75	23.5	2
10	64QAM	1	25	22.63	22.76	22.69		
10	64QAM	1	49	22.65	22.75	22.70		
10	64QAM	25	0	21.61	21.85	21.71	22.5	3
10	64QAM	25	12	21.72	21.72	21.59		
10	64QAM	25	25	21.59	21.79	21.60		
10	64QAM	50	0	21.67	21.78	21.75		
10	256QAM	1	0	19.67	19.87	19.74	20.5	5
10	256QAM	1	25	19.74	19.73	19.61		
10	256QAM	1	49	19.62	19.73	19.67		
10	256QAM	25	0	19.77	19.85	19.75	20.5	5
10	256QAM	25	12	19.76	19.74	19.77		
10	256QAM	25	25	19.66	19.68	19.66		
10	256QAM	50	0	19.62	19.68	19.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.63	24.65	24.69	25.5	0
5	QPSK	1	12	24.58	24.69	24.53		
5	QPSK	1	24	24.55	24.61	24.66		
5	QPSK	12	0	23.57	23.74	23.57	24.5	1
5	QPSK	12	7	23.60	23.66	23.51		
5	QPSK	12	13	23.57	23.69	23.55		
5	QPSK	25	0	23.65	23.71	23.61		
5	16QAM	1	0	23.62	23.60	23.62	24.5	1
5	16QAM	1	12	23.53	23.66	23.52		
5	16QAM	1	24	23.51	23.64	23.58		
5	16QAM	12	0	22.56	22.73	22.67	23.5	2
5	16QAM	12	7	22.65	22.62	22.47		
5	16QAM	12	13	22.54	22.62	22.54		
5	16QAM	25	0	22.56	22.73	22.61		
5	64QAM	1	0	22.64	22.71	22.69	23.5	2
5	64QAM	1	12	22.50	22.74	22.62		
5	64QAM	1	24	22.60	22.72	22.60		
5	64QAM	12	0	21.48	21.78	21.66	22.5	3
5	64QAM	12	7	21.60	21.62	21.51		
5	64QAM	12	13	21.48	21.72	21.53		
5	64QAM	25	0	21.65	21.73	21.65		
5	256QAM	1	0	19.54	19.78	19.61	20.5	5
5	256QAM	1	12	19.68	19.67	19.58		
5	256QAM	1	24	19.56	19.66	19.55		
5	256QAM	12	0	19.74	19.78	19.62	20.5	5
5	256QAM	12	7	19.69	19.63	19.75		
5	256QAM	12	13	19.60	19.56	19.62		
5	256QAM	25	0	19.51	19.62	19.73		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.66	24.74	24.69	25.5	0
3	QPSK	1	8	24.55	24.62	24.49		
3	QPSK	1	14	24.56	24.64	24.64		
3	QPSK	8	0	23.63	23.72	23.61	24.5	1
3	QPSK	8	4	23.59	23.69	23.44		
3	QPSK	8	7	23.52	23.70	23.58		
3	QPSK	15	0	23.59	23.69	23.65		
3	16QAM	1	0	23.63	23.62	23.59	24.5	1
3	16QAM	1	8	23.52	23.57	23.56		
3	16QAM	1	14	23.48	23.61	23.64		
3	16QAM	8	0	22.62	22.73	22.57	23.5	2
3	16QAM	8	4	22.61	22.66	22.45		
3	16QAM	8	7	22.44	22.66	22.60		
3	16QAM	15	0	22.65	22.69	22.66		
3	64QAM	1	0	22.59	22.68	22.68	23.5	2
3	64QAM	1	8	22.61	22.67	22.65		
3	64QAM	1	14	22.57	22.68	22.59		
3	64QAM	8	0	21.57	21.74	21.59	22.5	3
3	64QAM	8	4	21.60	21.66	21.47		
3	64QAM	8	7	21.47	21.73	21.49		
3	64QAM	15	0	21.54	21.66	21.71		
3	256QAM	1	0	19.55	19.76	19.70	20.5	5
3	256QAM	1	8	19.64	19.70	19.53		
3	256QAM	1	14	19.56	19.61	19.61		
3	256QAM	8	0	19.73	19.81	19.64	20.5	5
3	256QAM	8	4	19.64	19.60	19.65		
3	256QAM	8	7	19.58	19.62	19.55		
3	256QAM	15	0	19.57	19.61	19.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.66	24.74	24.61	25.5	0
1.4	QPSK	1	3	24.63	24.64	24.49		
1.4	QPSK	1	5	24.57	24.64	24.59		
1.4	QPSK	3	0	24.57	24.71	24.55		
1.4	QPSK	3	1	24.57	24.51	24.39		
1.4	QPSK	3	3	24.54	24.52	24.48		
1.4	QPSK	6	0	23.66	23.72	23.70	24.5	1
1.4	16QAM	1	0	23.66	23.60	23.64	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.55		
1.4	16QAM	1	5	23.59	23.67	23.60		
1.4	16QAM	3	0	23.54	23.64	23.65		
1.4	16QAM	3	1	23.57	23.54	23.59		
1.4	16QAM	3	3	23.54	23.51	23.43		
1.4	16QAM	6	0	22.56	22.69	22.62	23.5	2
1.4	64QAM	1	0	22.64	22.72	22.62	23.5	2
1.4	64QAM	1	3	22.49	22.67	22.59		
1.4	64QAM	1	5	22.63	22.69	22.62		
1.4	64QAM	3	0	22.43	22.63	22.49		
1.4	64QAM	3	1	22.52	22.70	22.60		
1.4	64QAM	3	3	22.39	22.61	22.56		
1.4	64QAM	6	0	21.61	21.66	21.70	22.5	3
1.4	256QAM	1	0	19.64	19.80	19.69	20.5	5
1.4	256QAM	1	3	19.63	19.67	19.49		
1.4	256QAM	1	5	19.53	19.70	19.59		
1.4	256QAM	3	0	19.68	19.71	19.68		
1.4	256QAM	3	1	19.65	19.68	19.73		
1.4	256QAM	3	3	19.64	19.55	19.60		
1.4	256QAM	6	0	19.59	19.56	19.70	20.5	5

Band 13 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.14		25.7	0
10	QPSK	1	25		25.10			
10	QPSK	1	49		25.07			
10	QPSK	25	0		24.10		24.7	1
10	QPSK	25	12		24.08			
10	QPSK	25	25		24.09			
10	QPSK	50	0		24.08			
10	16QAM	1	0		24.05		24.7	1
10	16QAM	1	25		24.03			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.06		23.7	2
10	16QAM	25	12		23.07			
10	16QAM	25	25		23.13			
10	16QAM	50	0		23.07			
10	64QAM	1	0		23.02		23.7	2
10	64QAM	1	25		22.98			
10	64QAM	1	49		22.97			
10	64QAM	25	0		22.10		22.7	3
10	64QAM	25	12		22.08			
10	64QAM	25	25		22.05			
10	64QAM	50	0		22.09			
10	256QAM	1	0		20.05		20.7	5
10	256QAM	1	25		20.04			
10	256QAM	1	49		20.11			
10	256QAM	25	0		20.06		20.7	5
10	256QAM	25	12		20.05			
10	256QAM	25	25		19.98			
10	256QAM	50	0		19.96			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	25.08	25.11	25.06	25.7	0
5	QPSK	1	12	25.07	25.02	25.02		
5	QPSK	1	24	24.99	24.97	25.02		
5	QPSK	12	0	23.98	24.02	24.07	24.7	1
5	QPSK	12	7	23.97	23.99	24.01		
5	QPSK	12	13	24.05	24.02	24.01		
5	QPSK	25	0	24.01	24.02	24.07		
5	16QAM	1	0	24.03	24.05	23.96	24.7	1
5	16QAM	1	12	23.97	23.93	24.02		
5	16QAM	1	24	23.96	23.92	24.00		
5	16QAM	12	0	23.02	23.06	22.98	23.7	2
5	16QAM	12	7	23.06	23.00	22.99		
5	16QAM	12	13	23.13	23.05	23.08		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	22.94	23.00	22.90	23.7	2
5	64QAM	1	12	22.87	22.90	22.87		
5	64QAM	1	24	22.87	22.94	22.95		
5	64QAM	12	0	22.03	22.05	21.99	22.7	3
5	64QAM	12	7	21.98	22.01	21.97		
5	64QAM	12	13	21.96	22.03	21.97		
5	64QAM	25	0	22.06	22.02	22.05		
5	256QAM	1	0	20.00	19.96	19.99	20.7	5
5	256QAM	1	12	19.96	20.01	19.99		
5	256QAM	1	24	20.06	20.06	20.01		
5	256QAM	12	0	20.02	20.00	19.99	20.7	5
5	256QAM	12	7	19.93	19.94	19.95		
5	256QAM	12	13	19.97	19.95	19.90		
5	256QAM	25	0	19.89	19.88	19.84		

Band 17 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.76	24.80	24.74	25.5	0
10	QPSK	1	25	24.66	24.74	24.65		
10	QPSK	1	49	24.75	24.69	24.67		
10	QPSK	25	0	23.77	23.85	23.78	24.5	1
10	QPSK	25	12	23.70	23.72	23.64		
10	QPSK	25	25	23.80	23.67	23.61		
10	QPSK	50	0	23.77	23.79	23.74		
10	16QAM	1	0	23.72	23.76	23.72	24.5	1
10	16QAM	1	25	23.62	23.77	23.71		
10	16QAM	1	49	23.75	23.71	23.68		
10	16QAM	25	0	22.78	22.91	22.82	23.5	2
10	16QAM	25	12	22.67	22.77	22.68		
10	16QAM	25	25	22.80	22.73	22.65		
10	16QAM	50	0	22.78	22.82	22.78		
10	64QAM	1	0	22.66	22.72	22.75	23.5	2
10	64QAM	1	25	22.66	22.71	22.76		
10	64QAM	1	49	22.79	22.70	22.65		
10	64QAM	25	0	21.72	21.87	21.75	22.5	3
10	64QAM	25	12	21.71	21.68	21.67		
10	64QAM	25	25	21.81	21.70	21.63		
10	64QAM	50	0	21.75	21.80	21.71		
10	256QAM	1	0	19.71	19.85	19.74	20.5	5
10	256QAM	1	25	19.75	19.73	19.58		
10	256QAM	1	49	19.74	19.67	19.64		
10	256QAM	25	0	19.82	19.82	19.78	20.5	5
10	256QAM	25	12	19.70	19.80	19.68		
10	256QAM	25	25	19.65	19.72	19.71		
10	256QAM	50	0	19.71	19.65	19.71		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.70	24.68	24.71	25.5	0
5	QPSK	1	12	24.53	24.70	24.61		
5	QPSK	1	24	24.62	24.65	24.62		
5	QPSK	12	0	23.65	23.81	23.67	24.5	1
5	QPSK	12	7	23.59	23.62	23.55		
5	QPSK	12	13	23.71	23.56	23.55		
5	QPSK	25	0	23.70	23.72	23.71		
5	16QAM	1	0	23.65	23.66	23.66	24.5	1
5	16QAM	1	12	23.58	23.68	23.60		
5	16QAM	1	24	23.73	23.64	23.56		
5	16QAM	12	0	22.76	22.86	22.78	23.5	2
5	16QAM	12	7	22.56	22.71	22.63		
5	16QAM	12	13	22.70	22.59	22.54		
5	16QAM	25	0	22.75	22.73	22.72		
5	64QAM	1	0	22.55	22.67	22.64	23.5	2
5	64QAM	1	12	22.54	22.66	22.63		
5	64QAM	1	24	22.70	22.57	22.55		
5	64QAM	12	0	21.67	21.78	21.70	22.5	3
5	64QAM	12	7	21.66	21.55	21.57		
5	64QAM	12	13	21.74	21.63	21.50		
5	64QAM	25	0	21.64	21.72	21.67		
5	256QAM	1	0	19.68	19.76	19.72	20.5	5
5	256QAM	1	12	19.68	19.69	19.46		
5	256QAM	1	24	19.63	19.61	19.57		
5	256QAM	12	0	19.75	19.72	19.70	20.5	5
5	256QAM	12	7	19.57	19.77	19.54		
5	256QAM	12	13	19.58	19.67	19.58		
5	256QAM	25	0	19.65	19.53	19.64		

Band 26 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.14	25.20	25.15	25.7	0
15	QPSK	1	37	25.09	25.11	25.07		
15	QPSK	1	74	25.10	25.07	25.09		
15	QPSK	36	0	24.13	24.20	24.11	24.7	1
15	QPSK	36	20	24.07	24.15	24.04		
15	QPSK	36	39	24.09	24.07	24.11		
15	QPSK	75	0	24.13	24.16	24.10		
15	16QAM	1	0	24.10	24.15	24.12	24.7	1
15	16QAM	1	37	24.14	24.07	24.05		
15	16QAM	1	74	24.08	24.02	24.08		
15	16QAM	36	0	23.11	23.18	23.05	23.7	2
15	16QAM	36	20	23.04	23.13	23.05		
15	16QAM	36	39	23.09	23.10	23.08		
15	16QAM	75	0	23.18	23.11	23.15		
15	64QAM	1	0	23.15	23.16	23.13	23.7	2
15	64QAM	1	37	23.08	23.01	23.00		
15	64QAM	1	74	23.10	22.97	23.05		
15	64QAM	36	0	22.12	22.15	22.08	22.7	3
15	64QAM	36	20	22.07	22.15	22.04		
15	64QAM	36	39	22.15	22.05	22.10		
15	64QAM	75	0	22.15	22.22	22.08		
15	256QAM	1	0	20.13	20.14	20.06	20.7	5
15	256QAM	1	37	20.10	20.15	20.03		
15	256QAM	1	74	20.10	20.09	20.12		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.07	20.20	20.16		
15	256QAM	36	39	20.20	20.10	19.99		
15	256QAM	75	0	20.08	20.04	20.03		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.08	25.17	25.04	25.7	0
10	QPSK	1	25	24.95	25.02	25.04		
10	QPSK	1	49	25.04	24.98	24.95		
10	QPSK	25	0	24.03	24.11	23.97	24.7	1
10	QPSK	25	12	23.94	24.09	23.98		
10	QPSK	25	25	24.05	24.01	24.04		
10	QPSK	50	0	24.03	24.07	24.04		
10	16QAM	1	0	24.01	24.04	24.03	24.7	1
10	16QAM	1	25	24.07	24.00	24.01		
10	16QAM	1	49	24.03	23.92	23.95		
10	16QAM	25	0	23.09	23.09	22.98	23.7	2
10	16QAM	25	12	22.93	23.02	22.98		
10	16QAM	25	25	23.04	23.03	23.01		
10	16QAM	50	0	23.07	23.09	23.10		
10	64QAM	1	0	23.07	23.10	23.10	23.7	2
10	64QAM	1	25	22.98	22.94	22.97		
10	64QAM	1	49	22.97	22.85	22.99		
10	64QAM	25	0	21.99	22.11	22.05	22.7	3
10	64QAM	25	12	22.00	22.02	21.95		
10	64QAM	25	25	22.07	21.99	21.96		
10	64QAM	50	0	22.11	22.19	22.01		
10	256QAM	1	0	20.08	20.08	20.00	20.7	5
10	256QAM	1	25	19.97	20.11	19.91		
10	256QAM	1	49	20.03	20.05	20.04		
10	256QAM	25	0	20.11	20.14	20.01	20.7	5
10	256QAM	25	12	19.94	20.11	20.14		
10	256QAM	25	25	20.11	20.08	19.95		
10	256QAM	50	0	19.98	19.91	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.09	25.09	25.09	25.7	0
5	QPSK	1	12	25.00	25.00	25.03		
5	QPSK	1	24	24.97	24.95	25.01		
5	QPSK	12	0	24.07	24.12	23.98	24.7	1
5	QPSK	12	7	23.96	24.04	23.99		
5	QPSK	12	13	24.04	24.05	24.00		
5	QPSK	25	0	24.03	24.02	24.02		
5	16QAM	1	0	24.03	24.02	24.08	24.7	1
5	16QAM	1	12	24.04	24.01	23.96		
5	16QAM	1	24	23.98	23.96	23.95		
5	16QAM	12	0	23.07	23.16	22.99	23.7	2
5	16QAM	12	7	22.99	23.00	23.02		
5	16QAM	12	13	22.96	23.07	23.03		
5	16QAM	25	0	23.06	22.99	23.08		
5	64QAM	1	0	23.10	23.11	23.05	23.7	2
5	64QAM	1	12	23.05	22.98	22.90		
5	64QAM	1	24	23.02	22.89	22.95		
5	64QAM	12	0	22.01	22.06	22.03	22.7	3
5	64QAM	12	7	21.98	22.13	21.96		
5	64QAM	12	13	22.09	21.96	22.05		
5	64QAM	25	0	22.09	22.14	21.94		
5	256QAM	1	0	20.10	20.04	19.99	20.7	5
5	256QAM	1	12	20.01	20.08	19.90		
5	256QAM	1	24	20.03	19.95	20.05		
5	256QAM	12	0	20.12	20.15	19.99	20.7	5
5	256QAM	12	7	19.95	20.07	20.05		
5	256QAM	12	13	20.10	19.98	19.89		
5	256QAM	25	0	20.04	19.95	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.04	25.11	25.10	25.7	0
3	QPSK	1	8	25.03	25.00	25.04		
3	QPSK	1	14	25.01	24.94	24.99		
3	QPSK	8	0	24.05	24.12	24.00	24.7	1
3	QPSK	8	4	23.94	24.09	23.96		
3	QPSK	8	7	24.04	24.02	24.04		
3	QPSK	15	0	24.08	24.09	24.06		
3	16QAM	1	0	23.97	24.13	24.03	24.7	1
3	16QAM	1	8	24.04	23.95	24.00		
3	16QAM	1	14	24.04	23.92	24.03		
3	16QAM	8	0	23.03	23.13	22.97	23.7	2
3	16QAM	8	4	22.96	23.02	22.95		
3	16QAM	8	7	22.99	22.99	22.97		
3	16QAM	15	0	23.12	23.05	23.11		
3	64QAM	1	0	23.05	23.03	23.04	23.7	2
3	64QAM	1	8	23.05	22.92	22.91		
3	64QAM	1	14	23.02	22.88	22.95		
3	64QAM	8	0	22.08	22.12	21.97	22.7	3
3	64QAM	8	4	21.99	22.09	21.96		
3	64QAM	8	7	22.01	21.95	21.99		
3	64QAM	15	0	22.05	22.11	21.99		
3	256QAM	1	0	20.04	20.09	19.95	20.7	5
3	256QAM	1	8	19.97	20.06	19.99		
3	256QAM	1	14	20.08	19.99	20.08		
3	256QAM	8	0	20.13	20.06	20.06	20.7	5
3	256QAM	8	4	20.03	20.07	20.03		
3	256QAM	8	7	20.18	19.99	19.90		
3	256QAM	15	0	20.00	19.95	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.11	25.08	25.03	25.7	0
1.4	QPSK	1	3	25.06	24.97	24.94		
1.4	QPSK	1	5	25.04	25.01	25.07		
1.4	QPSK	3	0	25.01	24.94	24.89		
1.4	QPSK	3	1	25.01	24.86	24.88		
1.4	QPSK	3	3	24.92	24.93	25.00		
1.4	QPSK	6	0	24.05	24.09	23.98	24.7	1
1.4	16QAM	1	0	24.05	24.08	23.99	24.7	1
1.4	16QAM	1	3	24.10	23.98	23.93		
1.4	16QAM	1	5	23.98	23.93	23.98		
1.4	16QAM	3	0	24.01	24.06	23.92		
1.4	16QAM	3	1	24.01	24.01	23.91		
1.4	16QAM	3	3	24.04	23.94	23.85		
1.4	16QAM	6	0	23.06	23.08	23.07	23.7	2
1.4	64QAM	1	0	23.07	23.10	23.03	23.7	2
1.4	64QAM	1	3	23.04	22.96	22.91		
1.4	64QAM	1	5	22.99	22.93	22.91		
1.4	64QAM	3	0	22.98	22.95	23.02		
1.4	64QAM	3	1	23.01	23.00	22.91		
1.4	64QAM	3	3	22.92	22.83	22.86		
1.4	64QAM	6	0	22.11	22.16	22.02	22.7	3
1.4	256QAM	1	0	20.01	20.08	19.93	20.7	5
1.4	256QAM	1	3	20.07	20.03	19.95		
1.4	256QAM	1	5	20.06	20.06	20.04		
1.4	256QAM	3	0	20.06	20.08	19.98		
1.4	256QAM	3	1	20.02	20.12	20.12		
1.4	256QAM	3	3	20.10	20.01	19.91		
1.4	256QAM	6	0	20.03	19.93	19.99	20.7	5

GSM850 Ant1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.57	31.07	30.90	31.90	21.57	22.07	21.90	22.90
GPRS 1 Tx slot	30.75	31.01	30.94	31.90	21.75	22.01	21.94	22.90
GPRS 2 Tx slots	27.44	27.50	27.39	28.90	21.44	21.50	21.39	22.90
GPRS 3 Tx slots	25.49	25.60	25.56	27.10	21.23	21.34	21.30	22.84
GPRS 4 Tx slots	24.40	24.48	24.36	25.90	21.40	21.48	21.36	22.90
EDGE 1 Tx slot	26.49	26.55	26.51	27.90	17.49	17.55	17.51	18.90
EDGE 2 Tx slots	23.91	23.96	23.93	24.90	17.91	17.96	17.93	18.90
EDGE 3 Tx slots	22.20	22.21	22.18	23.10	17.94	17.95	17.92	18.84
EDGE 4 Tx slots	20.68	20.76	20.72	21.90	17.68	17.76	17.72	18.90

Band		WCDMA V Ant1 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.72	21.82	21.75	23.20
3GPP Rel 99	RMC 12.2Kbps	21.84	21.86	21.77	23.20
3GPP Rel 6	HSDPA Subtest-1	20.86	20.80	20.80	22.20
3GPP Rel 6	HSDPA Subtest-2	20.84	20.87	20.80	22.20
3GPP Rel 6	HSDPA Subtest-3	20.35	20.36	20.23	21.70
3GPP Rel 6	HSDPA Subtest-4	20.37	20.35	20.23	21.70
3GPP Rel 8	DC-HSDPA Subtest-1	20.83	20.91	20.74	22.20
3GPP Rel 8	DC-HSDPA Subtest-2	20.87	20.92	20.73	22.20
3GPP Rel 8	DC-HSDPA Subtest-3	20.29	20.41	20.26	21.70
3GPP Rel 8	DC-HSDPA Subtest-4	20.25	20.33	20.29	21.70
3GPP Rel 6	HSUPA Subtest-1	20.78	20.82	20.79	22.20
3GPP Rel 6	HSUPA Subtest-2	18.92	18.89	18.82	20.20
3GPP Rel 6	HSUPA Subtest-3	19.90	19.86	19.84	21.20
3GPP Rel 6	HSUPA Subtest-4	18.88	18.89	18.71	20.20
3GPP Rel 6	HSUPA Subtest-5	20.79	20.82	20.74	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.31	18.37	18.22	19.70

Band 5 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.77	21.89	21.71	23	0
10	QPSK	1	25	21.72	21.87	21.73		
10	QPSK	1	49	21.79	21.80	21.75		
10	QPSK	25	0	21.78	21.88	21.78	23	0
10	QPSK	25	12	21.72	21.86	21.81		
10	QPSK	25	25	21.68	21.81	21.73		
10	QPSK	50	0	21.76	21.83	21.72		
10	16QAM	1	0	21.74	21.82	21.79	23	0
10	16QAM	1	25	21.76	21.77	21.69		
10	16QAM	1	49	21.68	21.78	21.81		
10	16QAM	25	0	21.72	21.81	21.78	23	0
10	16QAM	25	12	21.77	21.85	21.73		
10	16QAM	25	25	21.75	21.77	21.81		
10	16QAM	50	0	21.72	21.81	21.71		
10	64QAM	1	0	21.79	21.75	21.72	23	0
10	64QAM	1	25	21.77	21.78	21.79		
10	64QAM	1	49	21.70	21.80	21.79		
10	64QAM	25	0	21.18	21.32	21.28	22.5	0.5
10	64QAM	25	12	21.26	21.33	21.24		
10	64QAM	25	25	21.21	21.32	21.21		
10	64QAM	50	0	21.19	21.30	21.27		
10	256QAM	1	0	19.22	19.27	19.26	20.5	2.5
10	256QAM	1	25	19.27	19.35	19.24		
10	256QAM	1	49	19.26	19.34	19.25		
10	256QAM	25	0	19.22	19.28	19.21	20.5	2.5
10	256QAM	25	12	19.17	19.36	19.24		
10	256QAM	25	25	19.21	19.27	19.29		
10	256QAM	50	0	19.28	19.34	19.31		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.64	21.75	21.58	23	0
5	QPSK	1	12	21.67	21.79	21.61		
5	QPSK	1	24	21.71	21.74	21.59		
5	QPSK	12	0	21.68	21.73	21.67	23	0
5	QPSK	12	7	21.67	21.75	21.68		
5	QPSK	12	13	21.58	21.67	21.62		
5	QPSK	25	0	21.63	21.77	21.59		
5	16QAM	1	0	21.69	21.67	21.69	23	0
5	16QAM	1	12	21.63	21.64	21.63		
5	16QAM	1	24	21.58	21.70	21.72		
5	16QAM	12	0	21.67	21.75	21.65	23	0
5	16QAM	12	7	21.68	21.75	21.67		
5	16QAM	12	13	21.67	21.66	21.75		
5	16QAM	25	0	21.60	21.75	21.56		
5	64QAM	1	0	21.70	21.69	21.57	23	0
5	64QAM	1	12	21.71	21.67	21.64		
5	64QAM	1	24	21.54	21.72	21.72		
5	64QAM	12	0	21.10	21.21	21.15	22.5	0.5
5	64QAM	12	7	21.10	21.28	21.15		
5	64QAM	12	13	21.11	21.21	21.13		
5	64QAM	25	0	21.05	21.24	21.16		
5	256QAM	1	0	19.09	19.13	19.20	20.5	2.5
5	256QAM	1	12	19.13	19.29	19.10		
5	256QAM	1	24	19.22	19.26	19.16		
5	256QAM	12	0	19.12	19.17	19.14	20.5	2.5
5	256QAM	12	7	19.04	19.29	19.10		
5	256QAM	12	13	19.15	19.23	19.17		
5	256QAM	25	0	19.16	19.25	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.69	21.79	21.60	23	0
3	QPSK	1	8	21.65	21.75	21.59		
3	QPSK	1	14	21.73	21.71	21.61		
3	QPSK	8	0	21.71	21.67	21.65	23	0
3	QPSK	8	4	21.66	21.79	21.75		
3	QPSK	8	7	21.57	21.76	21.59		
3	QPSK	15	0	21.61	21.70	21.56		
3	16QAM	1	0	21.61	21.76	21.72	23	0
3	16QAM	1	8	21.66	21.62	21.55		
3	16QAM	1	14	21.59	21.70	21.77		
3	16QAM	8	0	21.61	21.73	21.72	23	0
3	16QAM	8	4	21.71	21.77	21.64		
3	16QAM	8	7	21.64	21.69	21.77		
3	16QAM	15	0	21.59	21.68	21.60		
3	64QAM	1	0	21.67	21.69	21.60	23	0
3	64QAM	1	8	21.70	21.65	21.72		
3	64QAM	1	14	21.62	21.68	21.71		
3	64QAM	8	0	21.08	21.25	21.23	22.5	0.5
3	64QAM	8	4	21.19	21.18	21.10		
3	64QAM	8	7	21.13	21.18	21.13		
3	64QAM	15	0	21.13	21.17	21.22		
3	256QAM	1	0	19.10	19.14	19.19	20.5	2.5
3	256QAM	1	8	19.23	19.25	19.16		
3	256QAM	1	14	19.19	19.29	19.16		
3	256QAM	8	0	19.11	19.20	19.12	20.5	2.5
3	256QAM	8	4	19.06	19.31	19.13		
3	256QAM	8	7	19.09	19.17	19.15		
3	256QAM	15	0	19.17	19.28	19.23		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.64	21.75	21.60	23	0
1.4	QPSK	1	3	21.57	21.75	21.61		
1.4	QPSK	1	5	21.73	21.75	21.70		
1.4	QPSK	3	0	21.69	21.65	21.72		
1.4	QPSK	3	1	21.66	21.71	21.68		
1.4	QPSK	3	3	21.58	21.73	21.59		
1.4	QPSK	6	0	21.65	21.77	21.65	23	0
1.4	16QAM	1	0	21.59	21.77	21.74	23	0
1.4	16QAM	1	3	21.69	21.66	21.59		
1.4	16QAM	1	5	21.60	21.66	21.68		
1.4	16QAM	3	0	21.63	21.70	21.62		
1.4	16QAM	3	1	21.64	21.76	21.67		
1.4	16QAM	3	3	21.67	21.63	21.70		
1.4	16QAM	6	0	21.56	21.76	21.55	23	0
1.4	64QAM	1	0	21.72	21.60	21.62	23	0
1.4	64QAM	1	3	21.67	21.71	21.68		
1.4	64QAM	1	5	21.63	21.75	21.70		
1.4	64QAM	3	0	21.14	21.26	21.21		
1.4	64QAM	3	1	21.13	21.21	21.09		
1.4	64QAM	3	3	21.13	21.28	21.07		
1.4	64QAM	6	0	21.09	21.17	21.15	22.5	0.5
1.4	256QAM	1	0	19.07	19.12	19.13	20.5	2.5
1.4	256QAM	1	3	19.18	19.20	19.14		
1.4	256QAM	1	5	19.19	19.20	19.10		
1.4	256QAM	3	0	19.14	19.20	19.12		
1.4	256QAM	3	1	19.05	19.27	19.11		
1.4	256QAM	3	3	19.08	19.20	19.23		
1.4	256QAM	6	0	19.16	19.20	19.17	20.5	2.5

Band 12 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.10	24.15	24.08	25	0
10	QPSK	1	25	24.01	24.11	23.97		
10	QPSK	1	49	23.98	24.05	23.96		
10	QPSK	25	0	23.08	23.18	23.06	24	1
10	QPSK	25	12	23.04	23.10	22.92		
10	QPSK	25	25	22.95	23.00	22.96		
10	QPSK	50	0	23.06	23.17	23.03		
10	16QAM	1	0	23.06	23.12	23.03	24	1
10	16QAM	1	25	23.03	23.10	23.02		
10	16QAM	1	49	22.96	23.09	22.91		
10	16QAM	25	0	22.04	22.24	22.04	23	2
10	16QAM	25	12	22.01	22.08	21.91		
10	16QAM	25	25	22.01	21.99	21.98		
10	16QAM	50	0	22.12	22.22	22.04		
10	64QAM	1	0	22.11	22.06	21.97	23	2
10	64QAM	1	25	21.99	22.16	22.07		
10	64QAM	1	49	21.97	22.03	21.89		
10	64QAM	25	0	21.04	21.23	21.06	22	3
10	64QAM	25	12	20.99	21.15	20.97		
10	64QAM	25	25	20.91	20.97	20.98		
10	64QAM	50	0	21.01	21.12	21.02		
10	256QAM	1	0	19.13	19.17	19.08	20	5
10	256QAM	1	25	19.02	19.14	18.90		
10	256QAM	1	49	18.97	19.03	18.91		
10	256QAM	25	0	19.11	19.22	19.07	20	5
10	256QAM	25	12	19.04	19.14	19.04		
10	256QAM	25	25	19.02	19.08	19.05		
10	256QAM	50	0	18.97	19.09	18.91		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.07	24.02	23.94	25	0
5	QPSK	1	12	23.99	23.99	23.84		
5	QPSK	1	24	23.91	24.03	23.87		
5	QPSK	12	0	23.05	23.07	22.96	24	1
5	QPSK	12	7	22.92	23.07	22.79		
5	QPSK	12	13	22.85	22.92	22.84		
5	QPSK	25	0	23.00	23.08	22.93		
5	16QAM	1	0	22.93	23.03	22.95	24	1
5	16QAM	1	12	22.92	23.07	22.96		
5	16QAM	1	24	22.90	23.05	22.84		
5	16QAM	12	0	21.93	22.10	21.93	23	2
5	16QAM	12	7	21.99	21.98	21.79		
5	16QAM	12	13	21.98	21.92	21.84		
5	16QAM	25	0	22.10	22.12	21.97		
5	64QAM	1	0	22.00	21.95	21.86	23	2
5	64QAM	1	12	21.91	22.07	22.01		
5	64QAM	1	24	21.85	21.96	21.86		
5	64QAM	12	0	20.97	21.14	21.04	22	3
5	64QAM	12	7	20.92	21.03	20.90		
5	64QAM	12	13	20.89	20.87	20.96		
5	64QAM	25	0	20.93	21.05	20.93		
5	256QAM	1	0	19.05	19.04	18.99	20	5
5	256QAM	1	12	18.90	19.09	18.77		
5	256QAM	1	24	18.91	18.89	18.81		
5	256QAM	12	0	19.06	19.10	19.04	20	5
5	256QAM	12	7	18.95	19.09	18.98		
5	256QAM	12	13	18.89	19.04	18.98		
5	256QAM	25	0	18.84	19.05	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.07	24.13	24.06	25	0
3	QPSK	1	8	23.95	24.02	23.87		
3	QPSK	1	14	23.88	23.95	23.84		
3	QPSK	8	0	22.99	23.10	23.00	24	1
3	QPSK	8	4	22.90	23.06	22.79		
3	QPSK	8	7	22.85	22.90	22.89		
3	QPSK	15	0	23.02	23.06	22.90		
3	16QAM	1	0	22.97	23.09	22.92	24	1
3	16QAM	1	8	22.94	22.98	22.88		
3	16QAM	1	14	22.94	23.04	22.82		
3	16QAM	8	0	22.00	22.13	21.93	23	2
3	16QAM	8	4	21.98	21.97	21.85		
3	16QAM	8	7	21.94	21.85	21.91		
3	16QAM	15	0	22.03	22.09	21.95		
3	64QAM	1	0	22.01	21.96	21.83	23	2
3	64QAM	1	8	21.94	22.11	21.96		
3	64QAM	1	14	21.88	21.94	21.81		
3	64QAM	8	0	20.95	21.15	20.96	22	3
3	64QAM	8	4	20.94	21.06	20.90		
3	64QAM	8	7	20.87	20.86	20.87		
3	64QAM	15	0	20.98	21.03	21.00		
3	256QAM	1	0	19.10	19.12	19.03	20	5
3	256QAM	1	8	18.90	19.08	18.78		
3	256QAM	1	14	18.88	18.92	18.80		
3	256QAM	8	0	19.01	19.18	19.00	20	5
3	256QAM	8	4	18.97	19.07	18.92		
3	256QAM	8	7	18.97	18.94	19.00		
3	256QAM	15	0	18.85	19.01	18.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.97	24.07	23.95	25	0
1.4	QPSK	1	3	23.93	24.04	23.89		
1.4	QPSK	1	5	23.94	23.97	23.85		
1.4	QPSK	3	0	23.91	23.99	23.92		
1.4	QPSK	3	1	23.79	23.93	23.76		
1.4	QPSK	3	3	23.91	23.94	23.81		
1.4	QPSK	6	0	22.93	23.09	23.00	24	1
1.4	16QAM	1	0	22.93	23.09	22.97	24	1
1.4	16QAM	1	3	22.95	23.07	22.92		
1.4	16QAM	1	5	22.86	23.04	22.79		
1.4	16QAM	3	0	22.79	22.99	22.87		
1.4	16QAM	3	1	22.89	23.05	22.84		
1.4	16QAM	3	3	22.91	23.05	22.81		
1.4	16QAM	6	0	22.05	22.10	21.99	23	2
1.4	64QAM	1	0	22.04	21.92	21.83	23	2
1.4	64QAM	1	3	21.88	22.12	21.99		
1.4	64QAM	1	5	21.92	21.91	21.83		
1.4	64QAM	3	0	21.95	22.01	21.87		
1.4	64QAM	3	1	21.93	21.86	21.70		
1.4	64QAM	3	3	21.81	22.05	21.94		
1.4	64QAM	6	0	20.96	21.00	20.94	22	3
1.4	256QAM	1	0	19.05	19.14	19.05	20	5
1.4	256QAM	1	3	18.95	19.01	18.80		
1.4	256QAM	1	5	18.84	18.96	18.78		
1.4	256QAM	3	0	19.08	19.15	19.02		
1.4	256QAM	3	1	18.92	19.06	19.01		
1.4	256QAM	3	3	18.98	18.98	18.89		
1.4	256QAM	6	0	18.85	19.00	18.77	20	5

Band 13 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.63		24.5	0
10	QPSK	1	25		23.49			
10	QPSK	1	49		23.49			
10	QPSK	25	0		23.59		24.5	0
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.50			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.52		24.5	0
10	16QAM	1	25		23.54			
10	16QAM	1	49		23.51			
10	16QAM	25	0		22.57		23.5	1
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.57			
10	16QAM	50	0		22.57			
10	64QAM	1	0		22.54		23.5	1
10	64QAM	1	25		22.53			
10	64QAM	1	49		22.47			
10	64QAM	25	0		21.51		22.5	2
10	64QAM	25	12		21.50			
10	64QAM	25	25		21.53			
10	64QAM	50	0		21.42			
10	256QAM	1	0		19.52		20.5	4
10	256QAM	1	25		19.48			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.52		20.5	4
10	256QAM	25	12		19.49			
10	256QAM	25	25		19.52			
10	256QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.38	23.37	24.5	0
5	QPSK	1	12	23.35	23.35	23.36		
5	QPSK	1	24	23.41	23.34	23.42		
5	QPSK	12	0	23.53	23.51	23.54	24.5	0
5	QPSK	12	7	23.48	23.45	23.51		
5	QPSK	12	13	23.43	23.43	23.43		
5	QPSK	25	0	23.45	23.41	23.42		
5	16QAM	1	0	23.38	23.46	23.41	24.5	0
5	16QAM	1	12	23.48	23.42	23.49		
5	16QAM	1	24	23.45	23.41	23.43		
5	16QAM	12	0	22.46	22.46	22.42	23.5	1
5	16QAM	12	7	22.46	22.51	22.46		
5	16QAM	12	13	22.48	22.51	22.42		
5	16QAM	25	0	22.49	22.45	22.43		
5	64QAM	1	0	22.40	22.42	22.46	23.5	1
5	64QAM	1	12	22.42	22.38	22.43		
5	64QAM	1	24	22.34	22.32	22.40		
5	64QAM	12	0	21.41	21.36	21.37	22.5	2
5	64QAM	12	7	21.38	21.42	21.42		
5	64QAM	12	13	21.39	21.42	21.46		
5	64QAM	25	0	21.37	21.32	21.37		
5	256QAM	1	0	19.36	19.43	19.38	20.5	4
5	256QAM	1	12	19.41	19.33	19.35		
5	256QAM	1	24	19.39	19.46	19.40		
5	256QAM	12	0	19.43	19.40	19.41	20.5	4
5	256QAM	12	7	19.38	19.34	19.41		
5	256QAM	12	13	19.46	19.38	19.42		
5	256QAM	25	0	19.35	19.42	19.35		

Band 17 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.96	24.10	23.94	25	0
10	QPSK	1	25	23.92	24.08	23.89		
10	QPSK	1	49	23.94	24.00	23.86		
10	QPSK	25	0	23.05	23.16	22.92	24	1
10	QPSK	25	12	22.96	23.00	22.87		
10	QPSK	25	25	22.86	22.94	22.87		
10	QPSK	50	0	23.01	23.09	22.95		
10	16QAM	1	0	22.93	23.01	22.97	24	1
10	16QAM	1	25	23.00	23.05	22.95		
10	16QAM	1	49	22.94	22.96	22.88		
10	16QAM	25	0	21.98	22.18	21.98	23	2
10	16QAM	25	12	21.91	21.98	21.79		
10	16QAM	25	25	21.95	21.86	21.84		
10	16QAM	50	0	22.05	22.12	21.95		
10	64QAM	1	0	22.09	22.03	21.93	23	2
10	64QAM	1	25	21.89	22.05	21.98		
10	64QAM	1	49	21.93	21.97	21.84		
10	64QAM	25	0	20.95	21.15	20.95	22	3
10	64QAM	25	12	20.88	21.05	20.85		
10	64QAM	25	25	20.82	20.89	20.94		
10	64QAM	50	0	20.88	21.04	20.91		
10	256QAM	1	0	19.00	19.05	18.94	20	5
10	256QAM	1	25	18.96	19.05	18.84		
10	256QAM	1	49	18.91	18.98	18.80		
10	256QAM	25	0	19.08	19.20	18.95	20	5
10	256QAM	25	12	18.93	19.11	19.02		
10	256QAM	25	25	18.97	19.04	18.95		
10	256QAM	50	0	18.85	19.01	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.06	23.89	25	0
5	QPSK	1	12	23.90	24.01	23.80		
5	QPSK	1	24	23.86	23.87	23.76		
5	QPSK	12	0	23.02	23.12	22.89	24	1
5	QPSK	12	7	22.91	22.92	22.81		
5	QPSK	12	13	22.75	22.90	22.78		
5	QPSK	25	0	22.88	23.05	22.83		
5	16QAM	1	0	22.82	22.89	22.87	24	1
5	16QAM	1	12	22.94	23.01	22.82		
5	16QAM	1	24	22.83	22.94	22.79		
5	16QAM	12	0	21.86	22.05	21.90	23	2
5	16QAM	12	7	21.82	21.93	21.67		
5	16QAM	12	13	21.83	21.80	21.80		
5	16QAM	25	0	21.97	21.99	21.89		
5	64QAM	1	0	21.98	21.99	21.80	23	2
5	64QAM	1	12	21.76	22.03	21.86		
5	64QAM	1	24	21.90	21.90	21.77		
5	64QAM	12	0	20.89	21.07	20.91	22	3
5	64QAM	12	7	20.76	20.92	20.72		
5	64QAM	12	13	20.75	20.84	20.90		
5	64QAM	25	0	20.85	21.00	20.77		
5	256QAM	1	0	18.91	18.99	18.91	20	5
5	256QAM	1	12	18.90	18.92	18.74		
5	256QAM	1	24	18.81	18.90	18.69		
5	256QAM	12	0	18.94	19.12	18.85	20	5
5	256QAM	12	7	18.87	19.05	19.00		
5	256QAM	12	13	18.85	18.91	18.92		
5	256QAM	25	0	18.78	18.93	18.69		

Band 26 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.40	22.53	22.45	23.5	0
15	QPSK	1	37	22.33	22.55	22.43		
15	QPSK	1	74	22.38	22.51	22.45		
15	QPSK	36	0	22.42	22.58	22.41	23.5	0
15	QPSK	36	20	22.39	22.55	22.38		
15	QPSK	36	39	22.33	22.54	22.37		
15	QPSK	75	0	22.34	22.58	22.37		
15	16QAM	1	0	22.36	22.59	22.34	23.5	0
15	16QAM	1	37	22.38	22.62	22.39		
15	16QAM	1	74	22.41	22.53	22.39		
15	16QAM	36	0	22.42	22.53	22.37	23.5	0
15	16QAM	36	20	22.42	22.54	22.41		
15	16QAM	36	39	22.41	22.52	22.43		
15	16QAM	75	0	22.33	22.56	22.42		
15	64QAM	1	0	22.32	22.58	22.46	23.5	0
15	64QAM	1	37	22.33	22.55	22.42		
15	64QAM	1	74	22.37	22.62	22.41		
15	64QAM	36	0	21.38	21.58	21.48	22.5	1
15	64QAM	36	20	21.37	21.51	21.46		
15	64QAM	36	39	21.37	21.48	21.49		
15	64QAM	75	0	21.40	21.54	21.43		
15	256QAM	1	0	19.42	19.58	19.44	20.5	3
15	256QAM	1	37	19.37	19.48	19.51		
15	256QAM	1	74	19.45	19.48	19.43		
15	256QAM	36	0	19.42	19.55	19.44	20.5	3
15	256QAM	36	20	19.39	19.49	19.41		
15	256QAM	36	39	19.44	19.51	19.50		
15	256QAM	75	0	19.45	19.50	19.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.26	22.43	22.34	23.5	0
10	QPSK	1	25	22.22	22.51	22.39		
10	QPSK	1	49	22.23	22.45	22.38		
10	QPSK	25	0	22.29	22.47	22.33	23.5	0
10	QPSK	25	12	22.29	22.50	22.29		
10	QPSK	25	25	22.19	22.44	22.26		
10	QPSK	50	0	22.25	22.49	22.31		
10	16QAM	1	0	22.30	22.49	22.24	23.5	0
10	16QAM	1	25	22.28	22.58	22.24		
10	16QAM	1	49	22.35	22.42	22.25		
10	16QAM	25	0	22.34	22.38	22.29	23.5	0
10	16QAM	25	12	22.34	22.41	22.25		
10	16QAM	25	25	22.29	22.38	22.36		
10	16QAM	50	0	22.26	22.48	22.29		
10	64QAM	1	0	22.25	22.43	22.32	23.5	0
10	64QAM	1	25	22.20	22.40	22.36		
10	64QAM	1	49	22.25	22.56	22.34		
10	64QAM	25	0	21.32	21.43	21.44	22.5	1
10	64QAM	25	12	21.26	21.43	21.30		
10	64QAM	25	25	21.30	21.41	21.42		
10	64QAM	50	0	21.31	21.40	21.28		
10	256QAM	1	0	19.28	19.44	19.38	20.5	3
10	256QAM	1	25	19.32	19.35	19.38		
10	256QAM	1	49	19.37	19.38	19.34		
10	256QAM	25	0	19.35	19.39	19.28	20.5	3
10	256QAM	25	12	19.27	19.36	19.29		
10	256QAM	25	25	19.39	19.40	19.43		
10	256QAM	50	0	19.34	19.44	19.38		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.25	22.48	22.33	23.5	0
5	QPSK	1	12	22.26	22.47	22.27		
5	QPSK	1	24	22.25	22.40	22.40		
5	QPSK	12	0	22.34	22.48	22.36	23.5	0
5	QPSK	12	7	22.32	22.46	22.31		
5	QPSK	12	13	22.18	22.49	22.32		
5	QPSK	25	0	22.28	22.43	22.26		
5	16QAM	1	0	22.27	22.48	22.27	23.5	0
5	16QAM	1	12	22.24	22.53	22.25		
5	16QAM	1	24	22.31	22.44	22.28		
5	16QAM	12	0	22.36	22.41	22.22	23.5	0
5	16QAM	12	7	22.36	22.48	22.27		
5	16QAM	12	13	22.32	22.37	22.32		
5	16QAM	25	0	22.18	22.47	22.32		
5	64QAM	1	0	22.20	22.44	22.38	23.5	0
5	64QAM	1	12	22.28	22.50	22.38		
5	64QAM	1	24	22.29	22.56	22.27		
5	64QAM	12	0	21.26	21.47	21.42	22.5	1
5	64QAM	12	7	21.25	21.42	21.35		
5	64QAM	12	13	21.32	21.37	21.38		
5	64QAM	25	0	21.29	21.48	21.32		
5	256QAM	1	0	19.38	19.47	19.32	20.5	3
5	256QAM	1	12	19.22	19.40	19.39		
5	256QAM	1	24	19.37	19.44	19.34		
5	256QAM	12	0	19.32	19.44	19.29	20.5	3
5	256QAM	12	7	19.30	19.39	19.36		
5	256QAM	12	13	19.35	19.44	19.37		
5	256QAM	25	0	19.32	19.37	19.42		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.36	22.47	22.30	23.5	0
3	QPSK	1	8	22.26	22.47	22.35		
3	QPSK	1	14	22.25	22.47	22.40		
3	QPSK	8	0	22.28	22.44	22.33	23.5	0
3	QPSK	8	4	22.24	22.47	22.26		
3	QPSK	8	7	22.21	22.43	22.32		
3	QPSK	15	0	22.29	22.50	22.27		
3	16QAM	1	0	22.26	22.44	22.20	23.5	0
3	16QAM	1	8	22.26	22.47	22.35		
3	16QAM	1	14	22.36	22.44	22.32		
3	16QAM	8	0	22.26	22.39	22.22	23.5	0
3	16QAM	8	4	22.33	22.48	22.35		
3	16QAM	8	7	22.26	22.46	22.35		
3	16QAM	15	0	22.21	22.44	22.36		
3	64QAM	1	0	22.23	22.45	22.36	23.5	0
3	64QAM	1	8	22.18	22.48	22.36		
3	64QAM	1	14	22.26	22.52	22.30		
3	64QAM	8	0	21.29	21.45	21.37	22.5	1
3	64QAM	8	4	21.27	21.39	21.30		
3	64QAM	8	7	21.28	21.35	21.39		
3	64QAM	15	0	21.29	21.40	21.37		
3	256QAM	1	0	19.27	19.44	19.35	20.5	3
3	256QAM	1	8	19.29	19.43	19.38		
3	256QAM	1	14	19.37	19.36	19.31		
3	256QAM	8	0	19.29	19.51	19.39	20.5	3
3	256QAM	8	4	19.28	19.38	19.29		
3	256QAM	8	7	19.31	19.39	19.35		
3	256QAM	15	0	19.37	19.36	19.37		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.31	22.39	22.30	23.5	0
1.4	QPSK	1	3	22.19	22.40	22.32		
1.4	QPSK	1	5	22.24	22.46	22.34		
1.4	QPSK	3	0	22.32	22.42	22.26		
1.4	QPSK	3	1	22.29	22.44	22.28		
1.4	QPSK	3	3	22.26	22.47	22.30		
1.4	QPSK	6	0	22.27	22.47	22.23	23.5	0
1.4	16QAM	1	0	22.26	22.51	22.19	23.5	0
1.4	16QAM	1	3	22.23	22.54	22.26		
1.4	16QAM	1	5	22.37	22.46	22.34		
1.4	16QAM	3	0	22.27	22.40	22.28		
1.4	16QAM	3	1	22.29	22.40	22.36		
1.4	16QAM	3	3	22.34	22.42	22.32		
1.4	16QAM	6	0	22.26	22.42	22.28	23.5	0
1.4	64QAM	1	0	22.22	22.52	22.40	23.5	0
1.4	64QAM	1	3	22.23	22.48	22.30		
1.4	64QAM	1	5	22.23	22.46	22.31		
1.4	64QAM	3	0	22.36	22.39	22.32		
1.4	64QAM	3	1	22.35	22.42	22.31		
1.4	64QAM	3	3	22.28	22.40	22.37		
1.4	64QAM	6	0	21.24	21.49	21.31	22.5	1
1.4	256QAM	1	0	19.37	19.46	19.32	20.5	3
1.4	256QAM	1	3	19.32	19.44	19.41		
1.4	256QAM	1	5	19.30	19.35	19.28		
1.4	256QAM	3	0	19.34	19.43	19.29		
1.4	256QAM	3	1	19.32	19.37	19.26		
1.4	256QAM	3	3	19.39	19.38	19.36		
1.4	256QAM	6	0	19.37	19.35	19.41	20.5	3

Band 4 Other PA Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.45	22.53	22.39	23.2	0
20	QPSK	1	49	22.37	22.49	22.38		
20	QPSK	1	99	22.32	22.43	22.48		
20	QPSK	50	0	22.44	22.49	22.39	23.2	0
20	QPSK	50	24	22.32	22.44	22.39		
20	QPSK	50	50	22.44	22.48	22.34		
20	QPSK	100	0	22.37	22.52	22.47		
20	16QAM	1	0	22.44	22.47	22.34	23.2	0
20	16QAM	1	49	22.45	22.42	22.36		
20	16QAM	1	99	22.40	22.40	22.38		
20	16QAM	50	0	22.34	22.43	22.48	23.2	0
20	16QAM	50	24	22.40	22.40	22.35		
20	16QAM	50	50	22.40	22.44	22.47		
20	16QAM	100	0	22.42	22.45	22.44		
20	64QAM	1	0	22.33	22.45	22.34	23.2	0
20	64QAM	1	49	22.34	22.42	22.44		
20	64QAM	1	99	22.36	22.39	22.40		
20	64QAM	50	0	21.94	21.85	21.92	22.7	0.5
20	64QAM	50	24	21.97	21.85	21.83		
20	64QAM	50	50	21.97	21.95	21.79		
20	64QAM	100	0	21.98	21.91	21.93		
20	256QAM	1	0	19.93	19.84	19.84	20.7	2.5
20	256QAM	1	49	20.01	19.94	19.84		
20	256QAM	1	99	19.94	19.89	19.95		
20	256QAM	50	0	19.89	19.93	19.89	20.7	2.5
20	256QAM	50	24	19.97	19.81	19.88		
20	256QAM	50	50	19.90	19.95	19.81		
20	256QAM	100	0	19.87	19.82	19.81		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.41	22.36	22.23	23.2	0
15	QPSK	1	37	22.31	22.44	22.22		
15	QPSK	1	74	22.15	22.28	22.42		
15	QPSK	36	0	22.33	22.27	22.33	23.2	0
15	QPSK	36	20	22.17	22.41	22.32		
15	QPSK	36	39	22.34	22.41	22.29		
15	QPSK	75	0	22.25	22.35	22.34		
15	16QAM	1	0	22.29	22.33	22.17	23.2	0
15	16QAM	1	37	22.29	22.38	22.28		
15	16QAM	1	74	22.24	22.29	22.32		
15	16QAM	36	0	22.21	22.40	22.37	23.2	0
15	16QAM	36	20	22.28	22.23	22.25		
15	16QAM	36	39	22.25	22.39	22.45		
15	16QAM	75	0	22.35	22.31	22.36		
15	64QAM	1	0	22.24	22.40	22.22	23.2	0
15	64QAM	1	37	22.27	22.33	22.41		
15	64QAM	1	74	22.23	22.31	22.38		
15	64QAM	36	0	21.83	21.73	21.75	22.7	0.5
15	64QAM	36	20	21.94	21.77	21.78		
15	64QAM	36	39	21.90	21.91	21.74		
15	64QAM	75	0	21.84	21.79	21.87		
15	256QAM	1	0	19.90	19.72	19.71	20.7	2.5
15	256QAM	1	37	19.90	19.80	19.75		
15	256QAM	1	74	19.82	19.74	19.82		
15	256QAM	36	0	19.76	19.87	19.77	20.7	2.5
15	256QAM	36	20	19.86	19.72	19.81		
15	256QAM	36	39	19.78	19.88	19.67		
15	256QAM	75	0	19.77	19.80	19.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.38	22.25	22.25	23.2	0
10	QPSK	1	25	22.23	22.45	22.34		
10	QPSK	1	49	22.18	22.28	22.37		
10	QPSK	25	0	22.30	22.42	22.23	23.2	0
10	QPSK	25	12	22.18	22.27	22.21		
10	QPSK	25	25	22.27	22.38	22.29		
10	QPSK	50	0	22.32	22.44	22.33		
10	16QAM	1	0	22.28	22.42	22.25	23.2	0
10	16QAM	1	25	22.30	22.29	22.24		
10	16QAM	1	49	22.38	22.31	22.34		
10	16QAM	25	0	22.18	22.28	22.41	23.2	0
10	16QAM	25	12	22.30	22.31	22.17		
10	16QAM	25	25	22.28	22.42	22.30		
10	16QAM	50	0	22.36	22.37	22.34		
10	64QAM	1	0	22.16	22.42	22.30	23.2	0
10	64QAM	1	25	22.20	22.29	22.37		
10	64QAM	1	49	22.18	22.25	22.38		
10	64QAM	25	0	21.80	21.72	21.89	22.7	0.5
10	64QAM	25	12	21.82	21.79	21.80		
10	64QAM	25	25	21.83	21.79	21.62		
10	64QAM	50	0	21.84	21.85	21.75		
10	256QAM	1	0	19.85	19.76	19.67	20.7	2.5
10	256QAM	1	25	19.98	19.83	19.67		
10	256QAM	1	49	19.79	19.78	19.82		
10	256QAM	25	0	19.78	19.82	19.75	20.7	2.5
10	256QAM	25	12	19.89	19.66	19.75		
10	256QAM	25	25	19.73	19.79	19.69		
10	256QAM	50	0	19.80	19.68	19.70		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.35	22.32	22.24	23.2	0
5	QPSK	1	12	22.21	22.40	22.34		
5	QPSK	1	24	22.23	22.36	22.38		
5	QPSK	12	0	22.27	22.29	22.35	23.2	0
5	QPSK	12	7	22.17	22.36	22.25		
5	QPSK	12	13	22.36	22.39	22.21		
5	QPSK	25	0	22.19	22.44	22.35		
5	16QAM	1	0	22.28	22.43	22.29	23.2	0
5	16QAM	1	12	22.30	22.32	22.26		
5	16QAM	1	24	22.33	22.34	22.30		
5	16QAM	12	0	22.24	22.34	22.45	23.2	0
5	16QAM	12	7	22.26	22.36	22.31		
5	16QAM	12	13	22.28	22.27	22.35		
5	16QAM	25	0	22.30	22.40	22.34		
5	64QAM	1	0	22.15	22.36	22.23	23.2	0
5	64QAM	1	12	22.23	22.35	22.31		
5	64QAM	1	24	22.27	22.30	22.25		
5	64QAM	12	0	21.79	21.69	21.87	22.7	0.5
5	64QAM	12	7	21.91	21.81	21.76		
5	64QAM	12	13	21.89	21.81	21.73		
5	64QAM	25	0	21.86	21.74	21.79		
5	256QAM	1	0	19.84	19.71	19.79	20.7	2.5
5	256QAM	1	12	19.93	19.81	19.78		
5	256QAM	1	24	19.82	19.77	19.86		
5	256QAM	12	0	19.76	19.76	19.81	20.7	2.5
5	256QAM	12	7	19.80	19.69	19.78		
5	256QAM	12	13	19.79	19.93	19.65		
5	256QAM	25	0	19.69	19.74	19.72		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.38	22.30	22.31	23.2	0
3	QPSK	1	8	22.21	22.37	22.35		
3	QPSK	1	14	22.28	22.29	22.35		
3	QPSK	8	0	22.30	22.31	22.35	23.2	0
3	QPSK	8	4	22.22	22.36	22.28		
3	QPSK	8	7	22.30	22.32	22.29		
3	QPSK	15	0	22.33	22.48	22.42		
3	16QAM	1	0	22.40	22.30	22.27	23.2	0
3	16QAM	1	8	22.29	22.34	22.20		
3	16QAM	1	14	22.26	22.36	22.22		
3	16QAM	8	0	22.30	22.33	22.32	23.2	0
3	16QAM	8	4	22.27	22.28	22.21		
3	16QAM	8	7	22.32	22.38	22.29		
3	16QAM	15	0	22.39	22.41	22.28		
3	64QAM	1	0	22.19	22.32	22.22	23.2	0
3	64QAM	1	8	22.25	22.35	22.29		
3	64QAM	1	14	22.24	22.23	22.29		
3	64QAM	8	0	21.87	21.77	21.83	22.7	0.5
3	64QAM	8	4	21.91	21.78	21.78		
3	64QAM	8	7	21.81	21.92	21.72		
3	64QAM	15	0	21.94	21.76	21.84		
3	256QAM	1	0	19.90	19.70	19.75	20.7	2.5
3	256QAM	1	8	19.85	19.90	19.71		
3	256QAM	1	14	19.83	19.71	19.87		
3	256QAM	8	0	19.86	19.85	19.82	20.7	2.5
3	256QAM	8	4	19.86	19.75	19.83		
3	256QAM	8	7	19.82	19.90	19.65		
3	256QAM	15	0	19.82	19.72	19.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.31	22.28	22.37	23.2	0
1.4	QPSK	1	3	22.28	22.42	22.34		
1.4	QPSK	1	5	22.22	22.29	22.32		
1.4	QPSK	3	0	22.32	22.28	22.29		
1.4	QPSK	3	1	22.15	22.32	22.37		
1.4	QPSK	3	3	22.36	22.31	22.28		
1.4	QPSK	6	0	22.30	22.38	22.38	23.2	0
1.4	16QAM	1	0	22.34	22.36	22.24	23.2	0
1.4	16QAM	1	3	22.28	22.29	22.28		
1.4	16QAM	1	5	22.34	22.31	22.22		
1.4	16QAM	3	0	22.30	22.32	22.34		
1.4	16QAM	3	1	22.23	22.37	22.26		
1.4	16QAM	3	3	22.29	22.31	22.41		
1.4	16QAM	6	0	22.32	22.32	22.28	23.2	0
1.4	64QAM	1	0	22.31	22.28	22.23	23.2	0
1.4	64QAM	1	3	22.31	22.31	22.40		
1.4	64QAM	1	5	22.28	22.32	22.28		
1.4	64QAM	3	0	22.17	22.34	22.42		
1.4	64QAM	3	1	22.31	22.28	22.26		
1.4	64QAM	3	3	22.18	22.37	22.32		
1.4	64QAM	6	0	21.93	21.74	21.83	22.7	0.5
1.4	256QAM	1	0	19.80	19.67	19.78	20.7	2.5
1.4	256QAM	1	3	19.96	19.79	19.77		
1.4	256QAM	1	5	19.84	19.73	19.83		
1.4	256QAM	3	0	19.82	19.75	19.75		
1.4	256QAM	3	1	19.84	19.64	19.80		
1.4	256QAM	3	3	19.79	19.88	19.64		
1.4	256QAM	6	0	19.83	19.71	19.71	20.7	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.30	21.45	21.20	23	0
20	QPSK	1	49	21.21	21.38	21.20		
20	QPSK	1	99	21.19	21.41	21.26		
20	QPSK	50	0	21.24	21.36	21.24	23	0
20	QPSK	50	24	21.18	21.35	21.23		
20	QPSK	50	50	21.25	21.31	21.16		
20	QPSK	100	0	21.23	21.37	21.19		
20	16QAM	1	0	21.25	21.40	21.21	23	0
20	16QAM	1	49	21.23	21.36	21.24		
20	16QAM	1	99	21.24	21.38	21.19		
20	16QAM	50	0	21.19	21.43	21.17	23	0
20	16QAM	50	24	21.29	21.33	21.16		
20	16QAM	50	50	21.24	21.39	21.17		
20	16QAM	100	0	21.19	21.42	21.26		
20	64QAM	1	0	21.26	21.38	21.16	23	0
20	64QAM	1	49	21.27	21.39	21.20		
20	64QAM	1	99	21.29	21.35	21.19		
20	64QAM	50	0	20.75	20.83	20.67	22.5	0.5
20	64QAM	50	24	20.69	20.92	20.66		
20	64QAM	50	50	20.70	20.88	20.74		
20	64QAM	100	0	20.75	20.87	20.68		
20	256QAM	1	0	18.79	18.90	18.68	20.5	2.5
20	256QAM	1	49	18.70	18.90	18.74		
20	256QAM	1	99	18.72	18.87	18.75		
20	256QAM	50	0	18.70	18.91	18.69	20.5	2.5
20	256QAM	50	24	18.70	18.82	18.69		
20	256QAM	50	50	18.72	18.92	18.74		
20	256QAM	100	0	18.74	18.93	18.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.18	21.23	21.12	23	0
15	QPSK	1	37	21.09	21.31	21.13		
15	QPSK	1	74	21.10	21.29	21.17		
15	QPSK	36	0	21.15	21.23	21.09	23	0
15	QPSK	36	20	21.09	21.20	21.10		
15	QPSK	36	39	21.14	21.29	21.02		
15	QPSK	75	0	21.15	21.23	21.09		
15	16QAM	1	0	21.19	21.27	21.10	23	0
15	16QAM	1	37	21.14	21.22	21.11		
15	16QAM	1	74	21.16	21.25	21.15		
15	16QAM	36	0	21.05	21.29	21.03	23	0
15	16QAM	36	20	21.24	21.21	21.12		
15	16QAM	36	39	21.09	21.30	21.05		
15	16QAM	75	0	21.12	21.35	21.22		
15	64QAM	1	0	21.11	21.23	21.08	23	0
15	64QAM	1	37	21.12	21.25	21.11		
15	64QAM	1	74	21.23	21.25	21.04		
15	64QAM	36	0	20.59	20.75	20.62	22.5	0.5
15	64QAM	36	20	20.60	20.78	20.60		
15	64QAM	36	39	20.64	20.73	20.61		
15	64QAM	75	0	20.69	20.83	20.58		
15	256QAM	1	0	18.66	18.80	18.55	20.5	2.5
15	256QAM	1	37	18.59	18.75	18.67		
15	256QAM	1	74	18.59	18.71	18.70		
15	256QAM	36	0	18.63	18.85	18.64	20.5	2.5
15	256QAM	36	20	18.60	18.73	18.63		
15	256QAM	36	39	18.56	18.76	18.62		
15	256QAM	75	0	18.70	18.87	18.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.14	21.30	21.13	23	0
10	QPSK	1	25	21.13	21.27	21.08		
10	QPSK	1	49	21.10	21.34	21.16		
10	QPSK	25	0	21.14	21.27	21.09	23	0
10	QPSK	25	12	21.02	21.24	21.14		
10	QPSK	25	25	21.20	21.31	21.07		
10	QPSK	50	0	21.09	21.28	21.14		
10	16QAM	1	0	21.19	21.29	21.09	23	0
10	16QAM	1	25	21.18	21.21	21.14		
10	16QAM	1	49	21.11	21.26	21.09		
10	16QAM	25	0	21.09	21.34	21.09	23	0
10	16QAM	25	12	21.19	21.29	21.09		
10	16QAM	25	25	21.19	21.25	21.09		
10	16QAM	50	0	21.09	21.32	21.18		
10	64QAM	1	0	21.22	21.31	21.03	23	0
10	64QAM	1	25	21.16	21.33	21.06		
10	64QAM	1	49	21.23	21.27	21.13		
10	64QAM	25	0	20.59	20.79	20.54	22.5	0.5
10	64QAM	25	12	20.53	20.82	20.59		
10	64QAM	25	25	20.61	20.78	20.65		
10	64QAM	50	0	20.65	20.81	20.60		
10	256QAM	1	0	18.65	18.82	18.55	20.5	2.5
10	256QAM	1	25	18.60	18.81	18.65		
10	256QAM	1	49	18.65	18.81	18.60		
10	256QAM	25	0	18.62	18.75	18.61	20.5	2.5
10	256QAM	25	12	18.57	18.71	18.63		
10	256QAM	25	25	18.67	18.77	18.66		
10	256QAM	50	0	18.60	18.80	18.55		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.15	21.25	21.16	23	0
5	QPSK	1	12	21.13	21.32	21.14		
5	QPSK	1	24	21.03	21.30	21.12		
5	QPSK	12	0	21.10	21.24	21.14	23	0
5	QPSK	12	7	21.08	21.29	21.14		
5	QPSK	12	13	21.18	21.37	21.12		
5	QPSK	25	0	21.07	21.28	21.12		
5	16QAM	1	0	21.12	21.26	21.08	23	0
5	16QAM	1	12	21.10	21.21	21.20		
5	16QAM	1	24	21.11	21.22	21.13		
5	16QAM	12	0	21.05	21.27	21.10	23	0
5	16QAM	12	7	21.20	21.17	21.04		
5	16QAM	12	13	21.19	21.32	21.12		
5	16QAM	25	0	21.11	21.33	21.14		
5	64QAM	1	0	21.17	21.24	21.05	23	0
5	64QAM	1	12	21.16	21.29	21.14		
5	64QAM	1	24	21.22	21.25	21.07		
5	64QAM	12	0	20.63	20.76	20.58	22.5	0.5
5	64QAM	12	7	20.61	20.87	20.53		
5	64QAM	12	13	20.55	20.82	20.66		
5	64QAM	25	0	20.68	20.80	20.57		
5	256QAM	1	0	18.64	18.75	18.56	20.5	2.5
5	256QAM	1	12	18.55	18.83	18.59		
5	256QAM	1	24	18.67	18.83	18.62		
5	256QAM	12	0	18.62	18.81	18.62	20.5	2.5
5	256QAM	12	7	18.64	18.74	18.61		
5	256QAM	12	13	18.60	18.76	18.66		
5	256QAM	25	0	18.60	18.86	18.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.03	22.21	22.07	23	0
20	QPSK	1	49	22.06	21.98	21.97		
20	QPSK	1	99	22.07	22.07	22.00		
20	QPSK	50	0	22.12	22.15	22.00	23	0
20	QPSK	50	24	22.05	22.14	22.06		
20	QPSK	50	50	22.04	22.14	22.00		
20	QPSK	100	0	22.11	22.12	21.96		
20	16QAM	1	0	22.08	22.09	21.95	23	0
20	16QAM	1	49	22.16	22.15	21.99		
20	16QAM	1	99	22.11	22.08	22.08		
20	16QAM	50	0	22.03	22.16	21.99	23	0
20	16QAM	50	24	22.08	22.11	21.95		
20	16QAM	50	50	22.05	22.06	22.07		
20	16QAM	100	0	22.09	22.10	21.98		
20	64QAM	1	0	22.10	22.12	21.97	23	0
20	64QAM	1	49	22.07	22.08	22.05		
20	64QAM	1	99	22.01	22.14	21.95		
20	64QAM	50	0	21.03	21.16	20.93	22	1
20	64QAM	50	24	21.02	21.18	20.99		
20	64QAM	50	50	21.09	21.16	21.04		
20	64QAM	100	0	21.08	21.07	21.02		
20	256QAM	1	0	19.12	19.18	19.07	20	3
20	256QAM	1	49	19.10	19.16	18.99		
20	256QAM	1	99	19.13	19.10	19.01		
20	256QAM	50	0	19.09	19.14	19.03	20	3
20	256QAM	50	24	19.02	19.16	19.00		
20	256QAM	50	50	19.15	19.07	19.03		
20	256QAM	100	0	19.07	19.12	19.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.92	22.13	22.03	23	0
15	QPSK	1	37	21.91	21.96	21.93		
15	QPSK	1	74	22.05	21.93	21.92		
15	QPSK	36	0	22.05	22.09	21.87	23	0
15	QPSK	36	20	21.92	22.03	22.00		
15	QPSK	36	39	22.01	22.02	21.93		
15	QPSK	75	0	22.08	21.95	21.82		
15	16QAM	1	0	21.96	22.06	21.91	23	0
15	16QAM	1	37	22.13	22.04	21.94		
15	16QAM	1	74	21.94	22.06	21.98		
15	16QAM	36	0	21.99	22.00	21.85	23	0
15	16QAM	36	20	21.96	21.98	21.86		
15	16QAM	36	39	21.92	22.03	21.97		
15	16QAM	75	0	22.05	21.94	21.87		
15	64QAM	1	0	22.02	22.00	21.85	23	0
15	64QAM	1	37	22.04	22.06	21.98		
15	64QAM	1	74	21.95	22.09	21.86		
15	64QAM	36	0	20.87	21.05	20.81	22	1
15	64QAM	36	20	20.85	21.01	20.91		
15	64QAM	36	39	20.97	20.99	20.87		
15	64QAM	75	0	20.93	20.89	20.99		
15	256QAM	1	0	19.08	19.06	19.02	20	3
15	256QAM	1	37	18.97	19.05	18.93		
15	256QAM	1	74	19.08	18.97	18.85		
15	256QAM	36	0	18.94	19.10	18.99	20	3
15	256QAM	36	20	18.84	19.07	18.92		
15	256QAM	36	39	19.08	18.95	18.93		
15	256QAM	75	0	18.93	19.07	18.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.91	22.06	21.91	23	0
10	QPSK	1	25	22.01	22.04	21.92		
10	QPSK	1	49	21.91	22.00	21.84		
10	QPSK	25	0	22.00	22.01	21.85	23	0
10	QPSK	25	12	21.96	21.96	21.99		
10	QPSK	25	25	21.98	22.07	21.83		
10	QPSK	50	0	22.00	21.94	21.86		
10	16QAM	1	0	21.98	22.06	21.84	23	0
10	16QAM	1	25	22.11	22.07	21.86		
10	16QAM	1	49	21.94	22.01	21.90		
10	16QAM	25	0	21.90	22.08	21.97	23	0
10	16QAM	25	12	22.04	22.04	21.78		
10	16QAM	25	25	22.01	21.91	21.94		
10	16QAM	50	0	21.97	21.99	21.91		
10	64QAM	1	0	21.97	21.99	21.82	23	0
10	64QAM	1	25	21.91	21.95	22.03		
10	64QAM	1	49	21.90	22.00	21.81		
10	64QAM	25	0	20.95	21.01	20.87	22	1
10	64QAM	25	12	20.84	21.15	20.96		
10	64QAM	25	25	20.96	21.14	20.88		
10	64QAM	50	0	21.04	20.91	20.91		
10	256QAM	1	0	19.03	19.10	18.98	20	3
10	256QAM	1	25	19.07	19.11	18.82		
10	256QAM	1	49	18.99	19.06	18.95		
10	256QAM	25	0	19.02	19.09	18.99	20	3
10	256QAM	25	12	18.96	19.06	18.82		
10	256QAM	25	25	18.99	19.00	18.99		
10	256QAM	50	0	18.97	18.95	18.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.86	22.18	21.97	23	0
5	QPSK	1	12	21.99	21.97	21.80		
5	QPSK	1	24	21.98	22.04	21.92		
5	QPSK	12	0	22.07	22.07	21.92	23	0
5	QPSK	12	7	21.93	21.98	22.01		
5	QPSK	12	13	21.87	22.03	21.92		
5	QPSK	25	0	21.96	22.08	21.87		
5	16QAM	1	0	22.00	22.04	21.79	23	0
5	16QAM	1	12	22.10	22.10	21.88		
5	16QAM	1	24	21.98	21.90	21.95		
5	16QAM	12	0	21.89	22.04	21.90	23	0
5	16QAM	12	7	21.96	21.97	21.88		
5	16QAM	12	13	21.92	22.03	21.98		
5	16QAM	25	0	22.05	21.95	21.83		
5	64QAM	1	0	21.97	21.94	21.88	23	0
5	64QAM	1	12	21.96	22.04	22.00		
5	64QAM	1	24	21.84	21.98	21.77		
5	64QAM	12	0	20.93	21.10	20.88	22	1
5	64QAM	12	7	20.91	21.08	20.95		
5	64QAM	12	13	20.93	21.14	20.93		
5	64QAM	25	0	21.05	21.04	20.87		
5	256QAM	1	0	18.97	19.00	19.05	20	3
5	256QAM	1	12	19.02	19.11	18.86		
5	256QAM	1	24	18.99	18.97	18.95		
5	256QAM	12	0	18.92	19.07	18.88	20	3
5	256QAM	12	7	18.98	19.07	18.97		
5	256QAM	12	13	19.01	18.92	18.95		
5	256QAM	25	0	18.91	19.00	18.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.95	22.04	21.96	23	0
3	QPSK	1	8	21.93	21.97	21.89		
3	QPSK	1	14	21.93	22.04	21.96		
3	QPSK	8	0	22.03	22.06	21.82	23	0
3	QPSK	8	4	21.89	22.11	21.99		
3	QPSK	8	7	22.00	22.10	21.86		
3	QPSK	15	0	21.96	21.95	21.83		
3	16QAM	1	0	21.98	22.01	21.93	23	0
3	16QAM	1	8	22.08	22.09	21.83		
3	16QAM	1	14	22.04	21.97	22.01		
3	16QAM	8	0	21.95	22.10	21.89	23	0
3	16QAM	8	4	21.97	21.93	21.90		
3	16QAM	8	7	22.03	21.90	21.96		
3	16QAM	15	0	22.04	22.01	21.85		
3	64QAM	1	0	21.95	22.06	21.90	23	0
3	64QAM	1	8	21.99	22.00	21.97		
3	64QAM	1	14	21.84	22.01	21.90		
3	64QAM	8	0	20.97	21.05	20.88	22	1
3	64QAM	8	4	20.88	21.08	20.91		
3	64QAM	8	7	21.05	21.01	20.99		
3	64QAM	15	0	21.03	21.03	20.98		
3	256QAM	1	0	19.01	19.08	19.00	20	3
3	256QAM	1	8	19.00	18.99	18.95		
3	256QAM	1	14	19.08	19.00	18.97		
3	256QAM	8	0	19.00	19.09	18.91	20	3
3	256QAM	8	4	18.96	19.02	18.91		
3	256QAM	8	7	19.05	19.03	18.99		
3	256QAM	15	0	19.03	19.07	18.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.97	22.08	22.01	23	0
1.4	QPSK	1	3	22.00	22.01	21.83		
1.4	QPSK	1	5	21.95	22.00	21.88		
1.4	QPSK	3	0	22.07	22.12	21.96		
1.4	QPSK	3	1	21.90	22.09	22.01		
1.4	QPSK	3	3	21.92	22.00	21.90		
1.4	QPSK	6	0	22.06	21.99	21.80	23	0
1.4	16QAM	1	0	21.92	22.01	21.88	23	0
1.4	16QAM	1	3	22.02	22.12	21.92		
1.4	16QAM	1	5	22.05	21.99	22.03		
1.4	16QAM	3	0	21.99	22.00	21.82		
1.4	16QAM	3	1	22.05	22.04	21.80		
1.4	16QAM	3	3	21.89	21.95	21.91		
1.4	16QAM	6	0	21.93	22.03	21.95	23	0
1.4	64QAM	1	0	22.00	22.03	21.86	23	0
1.4	64QAM	1	3	21.96	22.01	21.92		
1.4	64QAM	1	5	21.89	22.01	21.77		
1.4	64QAM	3	0	22.03	22.07	21.86		
1.4	64QAM	3	1	22.07	22.01	22.00		
1.4	64QAM	3	3	21.98	21.99	21.88		
1.4	64QAM	6	0	20.98	20.92	20.85	22	1
1.4	256QAM	1	0	19.04	19.11	18.89	20	3
1.4	256QAM	1	3	19.06	19.14	18.87		
1.4	256QAM	1	5	19.02	19.05	18.90		
1.4	256QAM	3	0	19.03	19.00	18.96		
1.4	256QAM	3	1	18.99	19.09	18.91		
1.4	256QAM	3	3	18.98	18.95	19.01		
1.4	256QAM	6	0	18.99	19.10	18.92	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.05	25	0
20	QPSK	1	49	23.88	24.05	23.98		
20	QPSK	1	99	23.91	24.00	23.96		
20	QPSK	50	0	22.97	23.12	23.00	24	1
20	QPSK	50	24	22.87	22.99	23.00		
20	QPSK	50	50	22.96	22.95	23.00		
20	QPSK	100	0	23.03	23.07	23.10		
20	16QAM	1	0	22.96	23.07	23.05	24	1
20	16QAM	1	49	22.90	23.03	23.00		
20	16QAM	1	99	22.86	22.98	22.98		
20	16QAM	50	0	21.99	22.12	22.00	23	2
20	16QAM	50	24	21.85	21.95	22.04		
20	16QAM	50	50	21.90	21.92	21.95		
20	16QAM	100	0	22.01	22.02	22.05		
20	64QAM	1	0	21.98	22.05	21.99	23	2
20	64QAM	1	49	21.91	22.02	22.05		
20	64QAM	1	99	21.84	21.98	21.95		
20	64QAM	50	0	20.99	21.11	21.05	22	3
20	64QAM	50	24	20.90	21.00	21.05		
20	64QAM	50	50	20.91	20.89	20.96		
20	64QAM	100	0	21.03	21.11	21.09		
20	256QAM	1	0	18.99	19.18	18.99	20	5
20	256QAM	1	49	18.85	19.00	19.00		
20	256QAM	1	99	18.99	18.99	19.06		
20	256QAM	50	0	19.00	19.09	19.15	20	5
20	256QAM	50	24	19.01	19.02	19.09		
20	256QAM	50	50	18.92	19.00	18.98		
20	256QAM	100	0	18.83	18.96	18.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.89	24.08	24.02	25	0
15	QPSK	1	37	23.77	23.91	23.86		
15	QPSK	1	74	23.82	23.91	23.87		
15	QPSK	36	0	22.93	22.99	22.94	24	1
15	QPSK	36	20	22.84	22.92	22.91		
15	QPSK	36	39	22.89	22.82	22.94		
15	QPSK	75	0	23.00	22.99	23.00		
15	16QAM	1	0	22.84	22.97	22.99	24	1
15	16QAM	1	37	22.84	22.91	22.95		
15	16QAM	1	74	22.82	22.90	22.92		
15	16QAM	36	0	21.97	22.03	21.97	23	2
15	16QAM	36	20	21.82	21.89	21.93		
15	16QAM	36	39	21.84	21.90	21.89		
15	16QAM	75	0	21.87	21.92	21.94		
15	64QAM	1	0	21.95	21.94	21.87	23	2
15	64QAM	1	37	21.83	21.94	21.98		
15	64QAM	1	74	21.77	21.86	21.93		
15	64QAM	36	0	20.88	21.08	20.99	22	3
15	64QAM	36	20	20.81	20.95	20.91		
15	64QAM	36	39	20.88	20.80	20.87		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	18.86	19.12	18.94	20	5
15	256QAM	1	37	18.72	18.92	18.86		
15	256QAM	1	74	18.88	18.94	18.96		
15	256QAM	36	0	18.89	19.01	19.02	20	5
15	256QAM	36	20	18.92	18.94	19.04		
15	256QAM	36	39	18.81	18.97	18.85		
15	256QAM	75	0	18.75	18.90	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.95	24.00	24.00	25	0
10	QPSK	1	25	23.76	24.02	23.85		
10	QPSK	1	49	23.82	23.94	23.84		
10	QPSK	25	0	22.85	22.98	22.88	24	1
10	QPSK	25	12	22.81	22.90	22.88		
10	QPSK	25	25	22.94	22.82	22.88		
10	QPSK	50	0	23.00	23.00	22.97		
10	16QAM	1	0	22.92	23.00	23.00	24	1
10	16QAM	1	25	22.81	22.91	22.87		
10	16QAM	1	49	22.78	22.93	22.91		
10	16QAM	25	0	21.87	22.06	21.89	23	2
10	16QAM	25	12	21.81	21.89	21.95		
10	16QAM	25	25	21.81	21.87	21.87		
10	16QAM	50	0	21.90	21.99	22.02		
10	64QAM	1	0	21.85	21.99	21.96	23	2
10	64QAM	1	25	21.80	21.88	22.00		
10	64QAM	1	49	21.75	21.91	21.86		
10	64QAM	25	0	20.87	21.07	20.95	22	3
10	64QAM	25	12	20.81	20.92	20.95		
10	64QAM	25	25	20.82	20.82	20.89		
10	64QAM	50	0	20.92	21.00	20.97		
10	256QAM	1	0	18.85	19.12	18.95	20	5
10	256QAM	1	25	18.76	18.88	18.92		
10	256QAM	1	49	18.96	18.95	18.94		
10	256QAM	25	0	18.92	18.99	19.08	20	5
10	256QAM	25	12	18.97	18.88	19.04		
10	256QAM	25	25	18.81	18.97	18.87		
10	256QAM	50	0	18.70	18.94	18.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.90	24.04	24.01	25	0
5	QPSK	1	12	23.84	23.96	23.90		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.94	23.03	22.91	24	1
5	QPSK	12	7	22.79	22.92	22.88		
5	QPSK	12	13	22.84	22.85	22.96		
5	QPSK	25	0	23.01	22.97	23.02		
5	16QAM	1	0	22.89	22.95	23.00	24	1
5	16QAM	1	12	22.80	22.92	22.88		
5	16QAM	1	24	22.78	22.96	22.90		
5	16QAM	12	0	21.86	22.06	21.88	23	2
5	16QAM	12	7	21.80	21.85	21.90		
5	16QAM	12	13	21.83	21.86	21.82		
5	16QAM	25	0	21.95	21.97	22.01		
5	64QAM	1	0	21.94	21.92	21.92	23	2
5	64QAM	1	12	21.86	21.96	21.99		
5	64QAM	1	24	21.72	21.95	21.82		
5	64QAM	12	0	20.90	21.08	20.95	22	3
5	64QAM	12	7	20.80	20.93	20.99		
5	64QAM	12	13	20.87	20.84	20.92		
5	64QAM	25	0	20.97	21.05	21.07		
5	256QAM	1	0	18.94	19.10	18.90	20	5
5	256QAM	1	12	18.76	18.97	18.91		
5	256QAM	1	24	18.87	18.96	18.98		
5	256QAM	12	0	18.96	18.99	19.10	20	5
5	256QAM	12	7	18.96	18.89	19.00		
5	256QAM	12	13	18.83	18.90	18.95		
5	256QAM	25	0	18.72	18.88	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.02	24.09	24.10	24.06	24.02	25	0
20	QPSK	1	49	23.88	24.05	24.08	23.95	23.96		
20	QPSK	1	99	23.93	23.95	24.04	23.95	23.94		
20	QPSK	50	0	23.02	23.09	23.14	23.06	23.03	24	1
20	QPSK	50	24	22.85	23.05	23.09	23.00	22.95		
20	QPSK	50	50	22.92	22.98	23.06	22.97	22.93		
20	QPSK	100	0	23.08	23.05	23.09	23.08	23.01		
20	16QAM	1	0	23.06	23.12	23.05	23.07	23.06	24	1
20	16QAM	1	49	22.93	23.02	23.07	22.98	23.01		
20	16QAM	1	99	22.90	22.92	23.09	22.98	22.96		
20	16QAM	50	0	22.08	22.03	22.16	22.04	22.05	23	2
20	16QAM	50	24	21.84	22.00	22.06	22.05	21.99		
20	16QAM	50	50	21.88	21.99	22.12	22.02	21.88		
20	16QAM	100	0	22.05	22.00	22.13	22.12	22.05		
20	64QAM	1	0	22.04	22.14	22.02	22.08	22.09	23	2
20	64QAM	1	49	21.90	22.01	22.09	21.95	22.05		
20	64QAM	1	99	21.91	21.95	22.13	21.95	21.94		
20	64QAM	50	0	21.03	21.15	21.19	21.06	21.07	22	3
20	64QAM	50	24	20.90	21.06	21.15	21.04	20.89		
20	64QAM	50	50	20.93	20.95	21.01	21.01	20.99		
20	64QAM	100	0	21.14	21.02	21.10	21.12	20.98		
20	256QAM	1	0	19.07	19.13	19.18	19.05	19.07	20	5
20	256QAM	1	49	18.89	19.05	19.12	19.04	18.95		
20	256QAM	1	99	18.92	19.03	19.03	18.98	18.88		
20	256QAM	50	0	19.09	19.08	19.08	19.08	19.02	20	5
20	256QAM	50	24	19.04	19.11	19.03	19.07	19.10		
20	256QAM	50	50	18.89	19.03	19.04	19.04	19.00		
20	256QAM	100	0	18.93	18.91	19.10	18.99	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.06	24.06	24.04	23.98	25.00	0
15	QPSK	1	37	23.79	23.96	23.97	23.81	23.88		
15	QPSK	1	74	23.86	23.91	24.00	23.83	23.89		
15	QPSK	36	0	22.92	23.02	23.03	22.94	22.97	24	1
15	QPSK	36	20	22.74	22.93	23.00	22.90	22.83		
15	QPSK	36	39	22.89	22.90	22.95	22.93	22.79		
15	QPSK	75	0	22.99	23.02	22.96	23.04	22.87		
15	16QAM	1	0	22.95	23.04	22.92	23.00	22.92	24	1
15	16QAM	1	37	22.84	22.91	22.97	22.92	22.93		
15	16QAM	1	74	22.81	22.86	23.03	22.87	22.88		
15	16QAM	36	0	22.01	21.94	22.09	21.93	21.92	23	2
15	16QAM	36	20	21.71	21.93	21.96	21.92	21.96		
15	16QAM	36	39	21.85	21.94	22.06	21.98	21.85		
15	16QAM	75	0	21.97	21.86	22.10	22.09	21.91		
15	64QAM	1	0	22.00	22.01	21.98	22.01	22.02	23	2
15	64QAM	1	37	21.80	21.94	22.06	21.84	21.95		
15	64QAM	1	74	21.81	21.83	22.06	21.81	21.85		
15	64QAM	36	0	21.00	21.07	21.08	20.93	20.95	22	3
15	64QAM	36	20	20.80	20.95	21.01	20.93	20.80		
15	64QAM	36	39	20.84	20.91	20.92	20.88	20.88		
15	64QAM	75	0	21.05	20.88	21.00	21.04	20.87		
15	256QAM	1	0	19.00	19.03	19.07	18.93	19.00	20	5
15	256QAM	1	37	18.87	19.00	19.08	18.93	18.88		
15	256QAM	1	74	18.88	19.00	18.95	18.90	18.79		
15	256QAM	36	0	19.05	19.02	19.02	18.96	18.99	20	5
15	256QAM	36	20	19.02	18.99	18.92	18.94	19.06		
15	256QAM	36	39	18.80	18.97	18.94	19.00	18.89		
15	256QAM	75	0	18.82	18.89	18.97	18.85	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.99	24.06	23.99	23.91	25.00	0
10	QPSK	1	25	23.82	23.91	23.95	23.90	23.86		
10	QPSK	1	49	23.84	23.91	23.98	23.92	23.83		
10	QPSK	25	0	22.91	23.02	23.04	22.92	22.96	24	1
10	QPSK	25	12	22.72	23.01	22.99	22.93	22.88		
10	QPSK	25	25	22.87	22.90	22.98	22.84	22.89		
10	QPSK	50	0	23.04	22.92	23.00	22.95	22.95		
10	16QAM	1	0	22.93	23.04	22.95	23.04	23.00	24	1
10	16QAM	1	25	22.83	22.90	23.03	22.88	22.97		
10	16QAM	1	49	22.87	22.87	23.02	22.86	22.84		
10	16QAM	25	0	22.05	21.93	22.09	21.90	21.91	23	2
10	16QAM	25	12	21.80	21.88	21.99	21.99	21.95		
10	16QAM	25	25	21.85	21.90	22.02	21.98	21.79		
10	16QAM	50	0	21.93	21.88	22.09	22.09	21.97		
10	64QAM	1	0	21.99	22.01	21.89	21.98	22.00	23	2
10	64QAM	1	25	21.79	21.92	22.06	21.83	21.97		
10	64QAM	1	49	21.77	21.89	22.03	21.92	21.92		
10	64QAM	25	0	20.91	21.06	21.16	21.03	21.00	22	3
10	64QAM	25	12	20.79	21.03	21.11	20.93	20.84		
10	64QAM	25	25	20.84	20.93	20.89	20.98	20.92		
10	64QAM	50	0	21.11	20.89	21.03	21.05	20.90		
10	256QAM	1	0	18.93	19.00	19.14	19.03	18.95	20	5
10	256QAM	1	25	18.85	18.98	19.03	18.92	18.93		
10	256QAM	1	49	18.81	18.95	18.90	18.96	18.84		
10	256QAM	25	0	19.02	19.00	19.02	19.05	18.97	20	5
10	256QAM	25	12	18.92	18.98	18.95	19.05	19.02		
10	256QAM	25	25	18.85	18.97	18.95	18.91	18.90		
10	256QAM	50	0	18.84	18.87	19.02	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	23.96	24.06	23.95	23.94	25.00	0
5	QPSK	1	12	23.75	23.91	24.05	23.84	23.86		
5	QPSK	1	24	23.88	23.85	23.97	23.88	23.83		
5	QPSK	12	0	22.94	23.01	23.06	22.93	22.99	24	1
5	QPSK	12	7	22.76	22.92	23.02	22.93	22.91		
5	QPSK	12	13	22.82	22.95	22.95	22.84	22.85		
5	QPSK	25	0	23.05	22.94	22.99	22.97	22.95		
5	16QAM	1	0	23.04	23.03	22.91	22.94	23.01	24	1
5	16QAM	1	12	22.83	22.88	22.98	22.86	22.91		
5	16QAM	1	24	22.87	22.85	23.01	22.87	22.91		
5	16QAM	12	0	22.05	21.99	22.13	21.96	22.02	23	2
5	16QAM	12	7	21.75	21.95	21.93	21.92	21.86		
5	16QAM	12	13	21.84	21.87	22.02	21.97	21.82		
5	16QAM	25	0	21.99	21.95	22.03	22.06	21.94		
5	64QAM	1	0	21.93	22.07	21.95	22.05	22.05	23	2
5	64QAM	1	12	21.83	21.98	21.96	21.91	21.96		
5	64QAM	1	24	21.82	21.83	22.08	21.83	21.86		
5	64QAM	12	0	20.90	21.03	21.09	20.96	20.95	22	3
5	64QAM	12	7	20.85	20.92	21.06	20.99	20.86		
5	64QAM	12	13	20.83	20.89	20.96	20.97	20.93		
5	64QAM	25	0	21.09	20.93	21.07	21.06	20.89		
5	256QAM	1	0	19.00	19.03	19.15	18.95	18.97	20	5
5	256QAM	1	12	18.84	18.93	18.99	18.99	18.87		
5	256QAM	1	24	18.79	18.98	18.94	18.90	18.86		
5	256QAM	12	0	18.98	19.01	19.03	18.96	18.92	20	5
5	256QAM	12	7	18.94	19.02	18.98	18.94	19.07		
5	256QAM	12	13	18.87	18.95	18.96	18.92	18.96		
5	256QAM	25	0	18.83	18.87	19.06	18.96	18.85		

GSM1900 Ant4 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.99	30.10	30.08	31.50	20.99	21.10	21.08	22.50
GPRS 1 Tx slot	29.91	30.05	30.01	31.50	20.91	21.05	21.01	22.50
GPRS 2 Tx slots	26.92	27.04	27.02	28.50	20.92	21.04	21.02	22.50
GPRS 3 Tx slots	24.98	25.12	25.06	26.70	20.72	20.86	20.80	22.44
GPRS 4 Tx slots	23.87	23.92	23.89	25.50	20.87	20.92	20.89	22.50
EDGE 1 Tx slot	25.90	25.95	25.88	27.00	16.90	16.95	16.88	18.00
EDGE 2 Tx slots	22.68	22.71	22.64	24.00	16.68	16.71	16.64	18.00
EDGE 3 Tx slots	21.08	21.18	21.15	22.20	16.82	16.92	16.89	17.94
EDGE 4 Tx slots	19.28	19.33	19.32	21.00	16.28	16.33	16.32	18.00

Band		WCDMA II Ant4			Tune-up Limit (dBm)	WCDMA IV Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.03	20.03	20.06	21.00	21.02	21.03	21.07	22.00
3GPP Rel 99	RMC 12.2Kbps	20.01	20.12	20.10	21.00	21.05	21.09	21.01	22.00
3GPP Rel 6	HSDPA Subtest-1	18.98	19.20	19.15	20.00	20.01	20.14	20.10	21.00
3GPP Rel 6	HSDPA Subtest-2	19.11	19.16	19.16	20.00	20.15	20.08	20.11	21.00
3GPP Rel 6	HSDPA Subtest-3	18.52	18.59	18.66	19.50	19.45	19.58	19.60	20.50
3GPP Rel 6	HSDPA Subtest-4	18.58	18.67	18.63	19.50	19.55	19.66	19.64	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.08	19.15	19.08	20.00	20.02	20.08	20.06	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.14	19.11	19.07	20.00	20.04	20.10	20.07	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.58	18.61	18.69	19.50	19.51	19.61	19.55	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.54	18.62	18.73	19.50	19.63	19.62	19.66	20.50
3GPP Rel 6	HSUPA Subtest-1	19.03	19.10	19.17	20.00	20.06	20.04	20.13	21.00
3GPP Rel 6	HSUPA Subtest-2	17.02	17.08	17.13	18.00	17.94	18.17	18.18	19.00
3GPP Rel 6	HSUPA Subtest-3	18.10	18.11	18.07	19.00	19.09	19.13	19.03	20.00
3GPP Rel 6	HSUPA Subtest-4	16.94	17.09	17.06	18.00	17.92	18.14	18.01	19.00
3GPP Rel 6	HSUPA Subtest-5	18.96	19.21	19.19	20.00	20.00	20.22	20.04	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.45	16.64	16.58	17.50	17.52	17.58	17.55	18.50

Band 2 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.40	21.51	21.35	22.5	0
20	QPSK	1	49	21.38	21.44	21.36		
20	QPSK	1	99	21.35	21.39	21.40		
20	QPSK	50	0	21.45	21.46	21.38	22.5	0
20	QPSK	50	24	21.36	21.42	21.41		
20	QPSK	50	50	21.35	21.37	21.42		
20	QPSK	100	0	21.45	21.46	21.39		
20	16QAM	1	0	21.35	21.39	21.43	22.5	0
20	16QAM	1	49	21.46	21.47	21.42		
20	16QAM	1	99	21.38	21.42	21.36		
20	16QAM	50	0	21.41	21.37	21.38	22.5	0
20	16QAM	50	24	21.35	21.42	21.35		
20	16QAM	50	50	21.37	21.49	21.44		
20	16QAM	100	0	21.38	21.41	21.44		
20	64QAM	1	0	21.45	21.37	21.37	22.5	0
20	64QAM	1	49	21.38	21.39	21.44		
20	64QAM	1	99	21.44	21.43	21.43		
20	64QAM	50	0	20.89	20.98	20.81	22	0.5
20	64QAM	50	24	20.87	21.02	20.91		
20	64QAM	50	50	20.87	20.95	20.83		
20	64QAM	100	0	20.93	20.96	20.83		
20	256QAM	1	0	18.86	18.97	18.89	20	2.5
20	256QAM	1	49	18.95	19.03	18.85		
20	256QAM	1	99	18.88	19.04	18.88		
20	256QAM	50	0	18.89	18.95	18.83	20	2.5
20	256QAM	50	24	18.87	19.00	18.91		
20	256QAM	50	50	18.94	18.94	18.82		
20	256QAM	100	0	18.93	19.03	18.84		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.29	21.37	21.21	22.5	0
15	QPSK	1	37	21.40	21.36	21.22		
15	QPSK	1	74	21.25	21.31	21.27		
15	QPSK	36	0	21.40	21.26	21.27	22.5	0
15	QPSK	36	20	21.29	21.32	21.33		
15	QPSK	36	39	21.28	21.25	21.30		
15	QPSK	75	0	21.31	21.35	21.28		
15	16QAM	1	0	21.23	21.29	21.28	22.5	0
15	16QAM	1	37	21.42	21.41	21.37		
15	16QAM	1	74	21.33	21.33	21.28		
15	16QAM	36	0	21.32	21.28	21.28	22.5	0
15	16QAM	36	20	21.23	21.37	21.29		
15	16QAM	36	39	21.29	21.34	21.29		
15	16QAM	75	0	21.25	21.35	21.40		
15	64QAM	1	0	21.37	21.22	21.24	22.5	0
15	64QAM	1	37	21.27	21.29	21.36		
15	64QAM	1	74	21.34	21.38	21.33		
15	64QAM	36	0	20.76	20.94	20.76	22	0.5
15	64QAM	36	20	20.82	20.87	20.85		
15	64QAM	36	39	20.79	20.86	20.77		
15	64QAM	75	0	20.89	20.90	20.72		
15	256QAM	1	0	18.77	18.90	18.77	20	2.5
15	256QAM	1	37	18.82	18.95	18.78		
15	256QAM	1	74	18.76	18.96	18.83		
15	256QAM	36	0	18.77	18.80	18.78	20	2.5
15	256QAM	36	20	18.78	18.88	18.85		
15	256QAM	36	39	18.82	18.86	18.77		
15	256QAM	75	0	18.81	18.94	18.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.28	21.42	21.20	22.5	0
10	QPSK	1	25	21.30	21.32	21.26		
10	QPSK	1	49	21.22	21.25	21.30		
10	QPSK	25	0	21.33	21.32	21.30	22.5	0
10	QPSK	25	12	21.25	21.37	21.33		
10	QPSK	25	25	21.22	21.27	21.28		
10	QPSK	50	0	21.29	21.35	21.33		
10	16QAM	1	0	21.24	21.26	21.35	22.5	0
10	16QAM	1	25	21.36	21.36	21.32		
10	16QAM	1	49	21.28	21.36	21.27		
10	16QAM	25	0	21.31	21.26	21.30	22.5	0
10	16QAM	25	12	21.26	21.28	21.25		
10	16QAM	25	25	21.30	21.34	21.40		
10	16QAM	50	0	21.31	21.32	21.38		
10	64QAM	1	0	21.37	21.24	21.22	22.5	0
10	64QAM	1	25	21.24	21.26	21.37		
10	64QAM	1	49	21.33	21.37	21.30		
10	64QAM	25	0	20.80	20.83	20.76	22	0.5
10	64QAM	25	12	20.74	20.87	20.76		
10	64QAM	25	25	20.72	20.84	20.68		
10	64QAM	50	0	20.77	20.83	20.76		
10	256QAM	1	0	18.72	18.83	18.84	20	2.5
10	256QAM	1	25	18.88	18.95	18.77		
10	256QAM	1	49	18.75	18.99	18.83		
10	256QAM	25	0	18.79	18.85	18.74	20	2.5
10	256QAM	25	12	18.72	18.89	18.81		
10	256QAM	25	25	18.89	18.82	18.68		
10	256QAM	50	0	18.80	18.87	18.77		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.26	21.40	21.29	22.5	0
5	QPSK	1	12	21.33	21.31	21.22		
5	QPSK	1	24	21.24	21.29	21.28		
5	QPSK	12	0	21.29	21.32	21.30	22.5	0
5	QPSK	12	7	21.21	21.38	21.28		
5	QPSK	12	13	21.25	21.25	21.34		
5	QPSK	25	0	21.39	21.34	21.31		
5	16QAM	1	0	21.28	21.24	21.27	22.5	0
5	16QAM	1	12	21.31	21.41	21.26		
5	16QAM	1	24	21.23	21.24	21.27		
5	16QAM	12	0	21.36	21.28	21.28	22.5	0
5	16QAM	12	7	21.21	21.27	21.29		
5	16QAM	12	13	21.30	21.37	21.38		
5	16QAM	25	0	21.29	21.32	21.38		
5	64QAM	1	0	21.35	21.32	21.24	22.5	0
5	64QAM	1	12	21.27	21.32	21.34		
5	64QAM	1	24	21.32	21.33	21.36		
5	64QAM	12	0	20.74	20.89	20.66	22	0.5
5	64QAM	12	7	20.80	20.94	20.81		
5	64QAM	12	13	20.72	20.86	20.73		
5	64QAM	25	0	20.88	20.84	20.70		
5	256QAM	1	0	18.72	18.85	18.82	20	2.5
5	256QAM	1	12	18.87	18.89	18.71		
5	256QAM	1	24	18.77	18.88	18.78		
5	256QAM	12	0	18.80	18.79	18.78	20	2.5
5	256QAM	12	7	18.76	18.93	18.80		
5	256QAM	12	13	18.87	18.80	18.69		
5	256QAM	25	0	18.81	18.94	18.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.33	21.37	21.29	22.5	0
3	QPSK	1	8	21.34	21.38	21.25		
3	QPSK	1	14	21.25	21.28	21.29		
3	QPSK	8	0	21.34	21.27	21.24	22.5	0
3	QPSK	8	4	21.22	21.34	21.32		
3	QPSK	8	7	21.26	21.24	21.31		
3	QPSK	15	0	21.30	21.27	21.24		
3	16QAM	1	0	21.24	21.23	21.32	22.5	0
3	16QAM	1	8	21.39	21.31	21.36		
3	16QAM	1	14	21.29	21.31	21.24		
3	16QAM	8	0	21.35	21.24	21.26	22.5	0
3	16QAM	8	4	21.25	21.27	21.20		
3	16QAM	8	7	21.24	21.38	21.31		
3	16QAM	15	0	21.23	21.30	21.34		
3	64QAM	1	0	21.35	21.32	21.32	22.5	0
3	64QAM	1	8	21.30	21.33	21.30		
3	64QAM	1	14	21.33	21.29	21.33		
3	64QAM	8	0	20.82	20.83	20.73	22	0.5
3	64QAM	8	4	20.82	20.95	20.83		
3	64QAM	8	7	20.80	20.79	20.72		
3	64QAM	15	0	20.86	20.89	20.69		
3	256QAM	1	0	18.80	18.83	18.84	20	2.5
3	256QAM	1	8	18.83	18.89	18.72		
3	256QAM	1	14	18.79	18.97	18.80		
3	256QAM	8	0	18.85	18.83	18.77	20	2.5
3	256QAM	8	4	18.82	18.89	18.79		
3	256QAM	8	7	18.80	18.81	18.77		
3	256QAM	15	0	18.86	18.91	18.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.35	21.30	22.5	0
1.4	QPSK	1	3	21.31	21.31	21.31		
1.4	QPSK	1	5	21.25	21.28	21.24		
1.4	QPSK	3	0	21.32	21.27	21.28		
1.4	QPSK	3	1	21.22	21.30	21.31		
1.4	QPSK	3	3	21.30	21.31	21.29		
1.4	QPSK	6	0	21.37	21.34	21.25	22.5	0
1.4	16QAM	1	0	21.22	21.23	21.38	22.5	0
1.4	16QAM	1	3	21.42	21.41	21.35		
1.4	16QAM	1	5	21.23	21.27	21.31		
1.4	16QAM	3	0	21.27	21.30	21.34		
1.4	16QAM	3	1	21.23	21.35	21.26		
1.4	16QAM	3	3	21.31	21.42	21.35		
1.4	16QAM	6	0	21.32	21.36	21.39	22.5	0
1.4	64QAM	1	0	21.34	21.26	21.32	22.5	0
1.4	64QAM	1	3	21.29	21.35	21.38		
1.4	64QAM	1	5	21.35	21.34	21.29		
1.4	64QAM	3	0	21.29	21.32	21.22		
1.4	64QAM	3	1	21.35	21.25	21.24		
1.4	64QAM	3	3	21.30	21.31	21.30		
1.4	64QAM	6	0	20.85	20.85	20.81	22	0.5
1.4	256QAM	1	0	18.76	18.86	18.73	20	2.5
1.4	256QAM	1	3	18.85	18.98	18.69		
1.4	256QAM	1	5	18.75	18.89	18.74		
1.4	256QAM	3	0	18.82	18.81	18.71		
1.4	256QAM	3	1	18.77	18.96	18.80		
1.4	256QAM	3	3	18.89	18.84	18.74		
1.4	256QAM	6	0	18.88	18.93	18.72	20	2.5

Band 4 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.87	21.91	21.84	22.7	0
20	QPSK	1	49	21.81	21.84	21.81		
20	QPSK	1	99	21.80	21.84	21.84		
20	QPSK	50	0	21.81	21.95	21.81	22.7	0
20	QPSK	50	24	21.86	21.92	21.85		
20	QPSK	50	50	21.78	21.85	21.83		
20	QPSK	100	0	21.82	21.85	21.91		
20	16QAM	1	0	21.89	21.85	21.83	22.7	0
20	16QAM	1	49	21.87	21.87	21.89		
20	16QAM	1	99	21.78	21.92	21.86		
20	16QAM	50	0	21.78	21.94	21.80	22.7	0
20	16QAM	50	24	21.87	21.86	21.79		
20	16QAM	50	50	21.81	21.85	21.81		
20	16QAM	100	0	21.85	21.90	21.82		
20	64QAM	1	0	21.83	21.84	21.80	22.7	0
20	64QAM	1	49	21.85	21.86	21.86		
20	64QAM	1	99	21.85	21.94	21.82		
20	64QAM	50	0	21.79	21.88	21.85	22.7	0
20	64QAM	50	24	21.84	21.89	21.79		
20	64QAM	50	50	21.89	21.90	21.84		
20	64QAM	100	0	21.83	21.93	21.87		
20	256QAM	1	0	19.92	19.87	19.80	20.7	2
20	256QAM	1	49	19.86	19.86	19.81		
20	256QAM	1	99	19.85	19.97	19.90		
20	256QAM	50	0	19.85	19.88	19.79	20.7	2
20	256QAM	50	24	19.83	19.94	19.85		
20	256QAM	50	50	19.84	19.92	19.86		
20	256QAM	100	0	19.81	19.87	19.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.82	21.79	21.72	22.7	0
15	QPSK	1	37	21.72	21.76	21.75		
15	QPSK	1	74	21.71	21.77	21.71		
15	QPSK	36	0	21.71	21.89	21.75	22.7	0
15	QPSK	36	20	21.70	21.86	21.70		
15	QPSK	36	39	21.64	21.78	21.73		
15	QPSK	75	0	21.70	21.72	21.81		
15	16QAM	1	0	21.73	21.73	21.75	22.7	0
15	16QAM	1	37	21.82	21.71	21.80		
15	16QAM	1	74	21.69	21.79	21.77		
15	16QAM	36	0	21.62	21.88	21.75	22.7	0
15	16QAM	36	20	21.74	21.78	21.72		
15	16QAM	36	39	21.76	21.75	21.72		
15	16QAM	75	0	21.80	21.76	21.67		
15	64QAM	1	0	21.68	21.70	21.65	22.7	0
15	64QAM	1	37	21.79	21.75	21.79		
15	64QAM	1	74	21.77	21.79	21.68		
15	64QAM	36	0	21.65	21.77	21.75	22.7	0
15	64QAM	36	20	21.71	21.81	21.68		
15	64QAM	36	39	21.76	21.78	21.70		
15	64QAM	75	0	21.75	21.86	21.72		
15	256QAM	1	0	19.77	19.80	19.71	20.7	2
15	256QAM	1	37	19.75	19.71	19.74		
15	256QAM	1	74	19.80	19.85	19.85		
15	256QAM	36	0	19.78	19.84	19.73	20.7	2
15	256QAM	36	20	19.69	19.83	19.74		
15	256QAM	36	39	19.71	19.79	19.72		
15	256QAM	75	0	19.74	19.78	19.69		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.79	21.79	21.71	22.7	0
10	QPSK	1	25	21.77	21.77	21.74		
10	QPSK	1	49	21.76	21.74	21.75		
10	QPSK	25	0	21.74	21.86	21.72	22.7	0
10	QPSK	25	12	21.78	21.78	21.75		
10	QPSK	25	25	21.74	21.73	21.76		
10	QPSK	50	0	21.77	21.77	21.79		
10	16QAM	1	0	21.82	21.79	21.72	22.7	0
10	16QAM	1	25	21.71	21.76	21.84		
10	16QAM	1	49	21.69	21.85	21.78		
10	16QAM	25	0	21.69	21.80	21.65	22.7	0
10	16QAM	25	12	21.78	21.80	21.63		
10	16QAM	25	25	21.69	21.71	21.68		
10	16QAM	50	0	21.77	21.81	21.71		
10	64QAM	1	0	21.68	21.72	21.72	22.7	0
10	64QAM	1	25	21.74	21.77	21.81		
10	64QAM	1	49	21.76	21.89	21.78		
10	64QAM	25	0	21.74	21.74	21.74	22.7	0
10	64QAM	25	12	21.74	21.76	21.72		
10	64QAM	25	25	21.78	21.75	21.69		
10	64QAM	50	0	21.76	21.81	21.79		
10	256QAM	1	0	19.77	19.73	19.70	20.7	2
10	256QAM	1	25	19.76	19.75	19.71		
10	256QAM	1	49	19.72	19.83	19.81		
10	256QAM	25	0	19.72	19.79	19.67	20.7	2
10	256QAM	25	12	19.74	19.88	19.69		
10	256QAM	25	25	19.71	19.81	19.70		
10	256QAM	50	0	19.76	19.78	19.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.75	21.84	21.79	22.7	0
5	QPSK	1	12	21.67	21.75	21.66		
5	QPSK	1	24	21.68	21.70	21.80		
5	QPSK	12	0	21.75	21.80	21.71	22.7	0
5	QPSK	12	7	21.75	21.81	21.79		
5	QPSK	12	13	21.71	21.77	21.71		
5	QPSK	25	0	21.72	21.80	21.78		
5	16QAM	1	0	21.80	21.76	21.71	22.7	0
5	16QAM	1	12	21.72	21.74	21.80		
5	16QAM	1	24	21.73	21.88	21.70		
5	16QAM	12	0	21.73	21.87	21.66	22.7	0
5	16QAM	12	7	21.79	21.81	21.69		
5	16QAM	12	13	21.68	21.79	21.69		
5	16QAM	25	0	21.78	21.80	21.69		
5	64QAM	1	0	21.76	21.75	21.74	22.7	0
5	64QAM	1	12	21.71	21.77	21.79		
5	64QAM	1	24	21.72	21.80	21.66		
5	64QAM	12	0	21.74	21.82	21.80	22.7	0
5	64QAM	12	7	21.78	21.79	21.68		
5	64QAM	12	13	21.83	21.82	21.73		
5	64QAM	25	0	21.67	21.87	21.79		
5	256QAM	1	0	19.80	19.73	19.74	20.7	2
5	256QAM	1	12	19.72	19.80	19.67		
5	256QAM	1	24	19.69	19.88	19.75		
5	256QAM	12	0	19.80	19.74	19.73	20.7	2
5	256QAM	12	7	19.73	19.85	19.71		
5	256QAM	12	13	19.75	19.82	19.73		
5	256QAM	25	0	19.66	19.73	19.73		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.80	21.83	21.72	22.7	0
3	QPSK	1	8	21.72	21.74	21.75		
3	QPSK	1	14	21.73	21.75	21.75		
3	QPSK	8	0	21.71	21.83	21.70	22.7	0
3	QPSK	8	4	21.72	21.78	21.70		
3	QPSK	8	7	21.63	21.74	21.76		
3	QPSK	15	0	21.69	21.72	21.78		
3	16QAM	1	0	21.84	21.73	21.72	22.7	0
3	16QAM	1	8	21.75	21.77	21.81		
3	16QAM	1	14	21.69	21.79	21.76		
3	16QAM	8	0	21.64	21.81	21.69	22.7	0
3	16QAM	8	4	21.80	21.76	21.74		
3	16QAM	8	7	21.76	21.78	21.67		
3	16QAM	15	0	21.72	21.76	21.74		
3	64QAM	1	0	21.73	21.73	21.65	22.7	0
3	64QAM	1	8	21.75	21.71	21.76		
3	64QAM	1	14	21.76	21.78	21.76		
3	64QAM	8	0	21.74	21.77	21.80	22.7	0
3	64QAM	8	4	21.79	21.83	21.71		
3	64QAM	8	7	21.79	21.75	21.72		
3	64QAM	15	0	21.73	21.86	21.79		
3	256QAM	1	0	19.87	19.81	19.72	20.7	2
3	256QAM	1	8	19.71	19.77	19.65		
3	256QAM	1	14	19.79	19.90	19.77		
3	256QAM	8	0	19.77	19.82	19.70	20.7	2
3	256QAM	8	4	19.68	19.84	19.70		
3	256QAM	8	7	19.72	19.85	19.76		
3	256QAM	15	0	19.67	19.83	19.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.79	21.85	21.75	22.7	0
1.4	QPSK	1	3	21.70	21.71	21.74		
1.4	QPSK	1	5	21.66	21.79	21.75		
1.4	QPSK	3	0	21.72	21.90	21.69		
1.4	QPSK	3	1	21.78	21.87	21.78		
1.4	QPSK	3	3	21.65	21.81	21.70		
1.4	QPSK	6	0	21.70	21.69	21.83	22.7	0
1.4	16QAM	1	0	21.75	21.78	21.68	22.7	0
1.4	16QAM	1	3	21.78	21.81	21.81		
1.4	16QAM	1	5	21.73	21.76	21.77		
1.4	16QAM	3	0	21.70	21.79	21.74		
1.4	16QAM	3	1	21.77	21.73	21.70		
1.4	16QAM	3	3	21.65	21.80	21.67		
1.4	16QAM	6	0	21.80	21.82	21.67	22.7	0
1.4	64QAM	1	0	21.72	21.71	21.67	22.7	0
1.4	64QAM	1	3	21.71	21.74	21.78		
1.4	64QAM	1	5	21.79	21.79	21.75		
1.4	64QAM	3	0	21.63	21.77	21.70		
1.4	64QAM	3	1	21.76	21.77	21.69		
1.4	64QAM	3	3	21.84	21.81	21.73		
1.4	64QAM	6	0	21.73	21.79	21.78	22.7	0
1.4	256QAM	1	0	19.77	19.81	19.66	20.7	2
1.4	256QAM	1	3	19.71	19.74	19.76		
1.4	256QAM	1	5	19.74	19.83	19.75		
1.4	256QAM	3	0	19.71	19.72	19.68		
1.4	256QAM	3	1	19.70	19.85	19.77		
1.4	256QAM	3	3	19.70	19.82	19.73		
1.4	256QAM	6	0	19.74	19.71	19.69	20.7	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.02	21.15	20.95	21.7	0
20	QPSK	1	49	21.03	21.08	21.00		
20	QPSK	1	99	20.94	20.98	20.96		
20	QPSK	50	0	20.96	21.09	21.00	21.7	0
20	QPSK	50	24	20.96	21.00	20.96		
20	QPSK	50	50	20.99	21.02	20.91		
20	QPSK	100	0	20.95	21.04	20.98		
20	16QAM	1	0	21.04	21.07	20.97	21.7	0
20	16QAM	1	49	21.03	21.04	20.92		
20	16QAM	1	99	20.99	21.00	21.00		
20	16QAM	50	0	21.01	21.09	20.97	21.7	0
20	16QAM	50	24	21.05	20.97	20.92		
20	16QAM	50	50	21.02	21.04	20.89		
20	16QAM	100	0	20.93	20.98	20.91		
20	64QAM	1	0	21.03	21.09	21.00	21.7	0
20	64QAM	1	49	20.99	21.00	20.90		
20	64QAM	1	99	20.99	21.00	20.98		
20	64QAM	50	0	21.05	21.04	20.95	21.7	0
20	64QAM	50	24	20.94	21.06	20.92		
20	64QAM	50	50	21.00	21.07	20.99		
20	64QAM	100	0	21.03	21.01	20.90		
20	256QAM	1	0	19.96	20.05	19.96	20.7	1
20	256QAM	1	49	20.03	20.07	19.96		
20	256QAM	1	99	19.93	20.06	19.99		
20	256QAM	50	0	20.01	20.01	20.00	20.7	1
20	256QAM	50	24	19.97	20.03	19.98		
20	256QAM	50	50	20.04	19.98	19.93		
20	256QAM	100	0	20.03	20.03	19.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.97	20.96	20.89	21.7	0
15	QPSK	1	37	20.98	20.97	20.84		
15	QPSK	1	74	20.85	20.91	20.90		
15	QPSK	36	0	20.83	20.89	20.94	21.7	0
15	QPSK	36	20	20.83	20.89	20.88		
15	QPSK	36	39	20.91	20.86	20.85		
15	QPSK	75	0	20.82	20.94	20.92		
15	16QAM	1	0	20.94	21.01	20.84	21.7	0
15	16QAM	1	37	20.91	20.90	20.84		
15	16QAM	1	74	20.90	20.88	20.88		
15	16QAM	36	0	20.96	20.95	20.91	21.7	0
15	16QAM	36	20	20.97	20.83	20.80		
15	16QAM	36	39	20.96	20.95	20.81		
15	16QAM	75	0	20.83	20.86	20.84		
15	64QAM	1	0	20.98	21.04	20.94	21.7	0
15	64QAM	1	37	20.87	20.88	20.83		
15	64QAM	1	74	20.86	20.93	20.92		
15	64QAM	36	0	20.89	20.94	20.85	21.7	0
15	64QAM	36	20	20.88	21.02	20.87		
15	64QAM	36	39	20.91	20.97	20.91		
15	64QAM	75	0	20.89	20.91	20.83		
15	256QAM	1	0	19.85	19.90	19.86	20.7	1
15	256QAM	1	37	19.88	19.95	19.91		
15	256QAM	1	74	19.82	19.90	19.85		
15	256QAM	36	0	19.90	19.87	19.95	20.7	1
15	256QAM	36	20	19.87	19.92	19.87		
15	256QAM	36	39	19.88	19.87	19.88		
15	256QAM	75	0	19.89	19.96	19.85		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.86	21.01	20.83	21.7	0
10	QPSK	1	25	20.95	20.99	20.86		
10	QPSK	1	49	20.86	20.83	20.82		
10	QPSK	25	0	20.90	20.86	20.88	21.7	0
10	QPSK	25	12	20.89	20.91	20.88		
10	QPSK	25	25	20.88	20.96	20.85		
10	QPSK	50	0	20.89	20.95	20.86		
10	16QAM	1	0	20.99	21.03	20.90	21.7	0
10	16QAM	1	25	20.95	20.92	20.86		
10	16QAM	1	49	20.90	20.94	20.90		
10	16QAM	25	0	20.92	21.04	20.86	21.7	0
10	16QAM	25	12	20.96	20.85	20.76		
10	16QAM	25	25	20.88	20.92	20.79		
10	16QAM	50	0	20.89	20.84	20.80		
10	64QAM	1	0	20.90	20.96	20.88	21.7	0
10	64QAM	1	25	20.93	20.96	20.79		
10	64QAM	1	49	20.91	20.85	20.83		
10	64QAM	25	0	20.94	20.91	20.86	21.7	0
10	64QAM	25	12	20.81	21.00	20.82		
10	64QAM	25	25	20.94	20.95	20.91		
10	64QAM	50	0	20.97	20.89	20.82		
10	256QAM	1	0	19.84	19.93	19.90	20.7	1
10	256QAM	1	25	19.90	19.92	19.85		
10	256QAM	1	49	19.87	19.96	19.93		
10	256QAM	25	0	19.91	19.89	19.94	20.7	1
10	256QAM	25	12	19.85	19.96	19.94		
10	256QAM	25	25	19.95	19.83	19.85		
10	256QAM	50	0	19.94	19.89	19.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.97	21.00	20.82	21.7	0
5	QPSK	1	12	20.98	20.97	20.85		
5	QPSK	1	24	20.84	20.86	20.90		
5	QPSK	12	0	20.83	20.86	20.95	21.7	0
5	QPSK	12	7	20.87	20.91	20.87		
5	QPSK	12	13	20.87	20.96	20.83		
5	QPSK	25	0	20.89	20.93	20.85		
5	16QAM	1	0	21.00	21.02	20.83	21.7	0
5	16QAM	1	12	20.93	20.99	20.82		
5	16QAM	1	24	20.85	20.92	20.91		
5	16QAM	12	0	20.91	21.02	20.90	21.7	0
5	16QAM	12	7	20.99	20.84	20.80		
5	16QAM	12	13	20.92	20.93	20.82		
5	16QAM	25	0	20.81	20.87	20.82		
5	64QAM	1	0	20.95	20.98	20.86	21.7	0
5	64QAM	1	12	20.94	20.89	20.77		
5	64QAM	1	24	20.83	20.91	20.91		
5	64QAM	12	0	20.98	20.97	20.88	21.7	0
5	64QAM	12	7	20.85	20.92	20.81		
5	64QAM	12	13	20.96	20.92	20.90		
5	64QAM	25	0	20.87	20.95	20.78		
5	256QAM	1	0	19.86	19.91	19.83	20.7	1
5	256QAM	1	12	19.91	19.96	19.84		
5	256QAM	1	24	19.78	19.90	19.88		
5	256QAM	12	0	19.94	19.97	19.89	20.7	1
5	256QAM	12	7	19.86	19.95	19.84		
5	256QAM	12	13	19.94	19.91	19.82		
5	256QAM	25	0	19.88	19.91	19.80		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.99	22.15	21.92	23	0
20	QPSK	1	49	21.94	21.97	21.90		
20	QPSK	1	99	21.99	22.02	21.96		
20	QPSK	50	0	21.97	22.09	21.91	23	0
20	QPSK	50	24	21.99	22.07	21.97		
20	QPSK	50	50	21.89	21.96	21.89		
20	QPSK	100	0	21.97	21.97	21.88		
20	16QAM	1	0	21.93	22.01	21.90	23	0
20	16QAM	1	49	21.92	22.08	21.94		
20	16QAM	1	99	21.94	21.96	21.90		
20	16QAM	50	0	22.00	22.01	21.94	23	0
20	16QAM	50	24	21.96	22.05	21.98		
20	16QAM	50	50	21.94	22.01	21.87		
20	16QAM	100	0	21.90	22.08	21.98		
20	64QAM	1	0	22.00	22.02	21.91	23	0
20	64QAM	1	49	21.97	22.06	21.92		
20	64QAM	1	99	21.94	22.06	21.92		
20	64QAM	50	0	21.00	21.01	20.94	22	1
20	64QAM	50	24	20.95	20.97	20.96		
20	64QAM	50	50	20.97	21.01	20.89		
20	64QAM	100	0	20.94	20.97	20.90		
20	256QAM	1	0	19.00	19.07	18.91	20	3
20	256QAM	1	49	18.98	19.08	18.91		
20	256QAM	1	99	18.91	19.02	18.99		
20	256QAM	50	0	19.00	18.99	18.92	20	3
20	256QAM	50	24	19.00	19.06	18.97		
20	256QAM	50	50	18.99	19.00	18.89		
20	256QAM	100	0	18.95	18.99	18.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.88	21.96	21.78	23	0
15	QPSK	1	37	21.89	21.82	21.79		
15	QPSK	1	74	21.91	21.97	21.92		
15	QPSK	36	0	21.83	21.93	21.83	23	0
15	QPSK	36	20	21.91	21.97	21.82		
15	QPSK	36	39	21.84	21.92	21.84		
15	QPSK	75	0	21.90	21.91	21.76		
15	16QAM	1	0	21.89	21.86	21.79	23	0
15	16QAM	1	37	21.77	21.99	21.84		
15	16QAM	1	74	21.80	21.81	21.80		
15	16QAM	36	0	21.88	21.91	21.82	23	0
15	16QAM	36	20	21.85	21.92	21.87		
15	16QAM	36	39	21.82	21.94	21.76		
15	16QAM	75	0	21.80	21.97	21.83		
15	64QAM	1	0	21.90	21.93	21.82	23	0
15	64QAM	1	37	21.84	21.90	21.81		
15	64QAM	1	74	21.83	21.92	21.78		
15	64QAM	36	0	20.93	20.94	20.90	22	1
15	64QAM	36	20	20.86	20.92	20.91		
15	64QAM	36	39	20.86	20.93	20.79		
15	64QAM	75	0	20.87	20.91	20.78		
15	256QAM	1	0	18.89	18.94	18.80	20	3
15	256QAM	1	37	18.85	19.02	18.76		
15	256QAM	1	74	18.77	18.89	18.91		
15	256QAM	36	0	18.84	18.95	18.87	20	3
15	256QAM	36	20	18.86	18.96	18.85		
15	256QAM	36	39	18.88	18.93	18.76		
15	256QAM	75	0	18.87	18.86	18.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.86	21.91	21.83	23	0
10	QPSK	1	25	21.80	21.90	21.83		
10	QPSK	1	49	21.86	21.95	21.80		
10	QPSK	25	0	21.90	21.88	21.80	23	0
10	QPSK	25	12	21.84	22.03	21.91		
10	QPSK	25	25	21.77	21.82	21.80		
10	QPSK	50	0	21.93	21.86	21.82		
10	16QAM	1	0	21.85	21.95	21.76	23	0
10	16QAM	1	25	21.82	22.04	21.79		
10	16QAM	1	49	21.87	21.82	21.83		
10	16QAM	25	0	21.86	21.87	21.84	23	0
10	16QAM	25	12	21.88	21.99	21.86		
10	16QAM	25	25	21.86	21.92	21.83		
10	16QAM	50	0	21.83	21.99	21.89		
10	64QAM	1	0	21.91	21.96	21.77	23	0
10	64QAM	1	25	21.86	22.01	21.78		
10	64QAM	1	49	21.79	21.93	21.76		
10	64QAM	25	0	20.94	20.93	20.89	22	1
10	64QAM	25	12	20.80	20.85	20.82		
10	64QAM	25	25	20.91	20.94	20.76		
10	64QAM	50	0	20.82	20.89	20.84		
10	256QAM	1	0	18.92	18.97	18.75	20	3
10	256QAM	1	25	18.87	18.93	18.79		
10	256QAM	1	49	18.77	18.87	18.89		
10	256QAM	25	0	18.86	18.84	18.82	20	3
10	256QAM	25	12	18.90	18.90	18.92		
10	256QAM	25	25	18.86	18.86	18.85		
10	256QAM	50	0	18.82	18.89	18.81		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.91	21.94	21.85	23	0
5	QPSK	1	12	21.90	21.91	21.74		
5	QPSK	1	24	21.88	21.97	21.82		
5	QPSK	12	0	21.82	21.93	21.77	23	0
5	QPSK	12	7	21.86	22.02	21.88		
5	QPSK	12	13	21.79	21.81	21.75		
5	QPSK	25	0	21.91	21.92	21.81		
5	16QAM	1	0	21.87	21.87	21.75	23	0
5	16QAM	1	12	21.81	21.99	21.88		
5	16QAM	1	24	21.79	21.91	21.78		
5	16QAM	12	0	21.88	21.94	21.84	23	0
5	16QAM	12	7	21.88	21.96	21.87		
5	16QAM	12	13	21.88	21.91	21.78		
5	16QAM	25	0	21.82	22.02	21.93		
5	64QAM	1	0	21.87	21.90	21.79	23	0
5	64QAM	1	12	21.81	21.92	21.84		
5	64QAM	1	24	21.80	21.97	21.81		
5	64QAM	12	0	20.87	20.86	20.79	22	1
5	64QAM	12	7	20.82	20.90	20.81		
5	64QAM	12	13	20.91	20.94	20.83		
5	64QAM	25	0	20.88	20.91	20.78		
5	256QAM	1	0	18.96	19.00	18.87	20	3
5	256QAM	1	12	18.90	18.95	18.77		
5	256QAM	1	24	18.80	18.96	18.91		
5	256QAM	12	0	18.93	18.91	18.86	20	3
5	256QAM	12	7	18.86	19.02	18.87		
5	256QAM	12	13	18.93	18.85	18.81		
5	256QAM	25	0	18.87	18.94	18.86		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.94	21.95	21.87	23	0
3	QPSK	1	8	21.79	21.85	21.84		
3	QPSK	1	14	21.94	21.96	21.82		
3	QPSK	8	0	21.91	21.90	21.84	23	0
3	QPSK	8	4	21.88	22.02	21.83		
3	QPSK	8	7	21.83	21.81	21.82		
3	QPSK	15	0	21.88	21.90	21.83		
3	16QAM	1	0	21.87	21.94	21.75	23	0
3	16QAM	1	8	21.76	22.01	21.82		
3	16QAM	1	14	21.87	21.91	21.76		
3	16QAM	8	0	21.92	21.93	21.80	23	0
3	16QAM	8	4	21.88	21.99	21.94		
3	16QAM	8	7	21.80	21.97	21.73		
3	16QAM	15	0	21.82	21.94	21.87		
3	64QAM	1	0	21.88	21.94	21.83	23	0
3	64QAM	1	8	21.87	21.96	21.83		
3	64QAM	1	14	21.84	22.02	21.81		
3	64QAM	8	0	20.95	20.90	20.86	22	1
3	64QAM	8	4	20.82	20.90	20.91		
3	64QAM	8	7	20.87	20.87	20.80		
3	64QAM	15	0	20.90	20.92	20.83		
3	256QAM	1	0	18.94	18.97	18.84	20	3
3	256QAM	1	8	18.86	19.00	18.87		
3	256QAM	1	14	18.82	18.94	18.85		
3	256QAM	8	0	18.93	18.88	18.82	20	3
3	256QAM	8	4	18.92	19.01	18.89		
3	256QAM	8	7	18.93	18.90	18.80		
3	256QAM	15	0	18.79	18.93	18.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.95	21.90	21.81	23	0
1.4	QPSK	1	3	21.80	21.93	21.76		
1.4	QPSK	1	5	21.87	21.87	21.82		
1.4	QPSK	3	0	21.83	21.82	21.80		
1.4	QPSK	3	1	21.95	21.98	21.85		
1.4	QPSK	3	3	21.78	21.89	21.75		
1.4	QPSK	6	0	21.83	21.88	21.80	23	0
1.4	16QAM	1	0	21.81	21.87	21.84	23	0
1.4	16QAM	1	3	21.83	21.98	21.78		
1.4	16QAM	1	5	21.90	21.85	21.74		
1.4	16QAM	3	0	21.94	21.91	21.87		
1.4	16QAM	3	1	21.86	21.92	21.89		
1.4	16QAM	3	3	21.88	21.95	21.81		
1.4	16QAM	6	0	21.85	21.98	21.92	23	0
1.4	64QAM	1	0	21.89	21.98	21.82	23	0
1.4	64QAM	1	3	21.87	21.94	21.86		
1.4	64QAM	1	5	21.82	21.91	21.78		
1.4	64QAM	3	0	21.89	21.93	21.76		
1.4	64QAM	3	1	21.76	21.94	21.89		
1.4	64QAM	3	3	21.96	21.91	21.81		
1.4	64QAM	6	0	20.80	20.81	20.84	22	1
1.4	256QAM	1	0	18.86	18.94	18.76	20	3
1.4	256QAM	1	3	18.90	18.99	18.75		
1.4	256QAM	1	5	18.75	18.92	18.91		
1.4	256QAM	3	0	18.87	18.91	18.85		
1.4	256QAM	3	1	18.91	18.94	18.82		
1.4	256QAM	3	3	18.90	18.94	18.77		
1.4	256QAM	6	0	18.85	18.83	18.89	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.96	21.11	20.83	22	0
20	QPSK	1	49	20.90	20.92	20.82		
20	QPSK	1	99	20.91	20.96	20.87		
20	QPSK	50	0	20.97	20.99	20.92	22	0
20	QPSK	50	24	20.95	20.97	20.91		
20	QPSK	50	50	20.88	20.96	20.86		
20	QPSK	100	0	20.90	20.91	20.87		
20	16QAM	1	0	20.96	20.99	20.83	22	0
20	16QAM	1	49	20.93	20.98	20.93		
20	16QAM	1	99	20.88	20.98	20.89		
20	16QAM	50	0	20.96	20.92	20.86	22	0
20	16QAM	50	24	20.93	21.01	20.84		
20	16QAM	50	50	20.96	20.97	20.92		
20	16QAM	100	0	20.94	20.98	20.91		
20	64QAM	1	0	20.89	20.92	20.87	22	0
20	64QAM	1	49	20.93	20.90	20.81		
20	64QAM	1	99	20.91	20.98	20.83		
20	64QAM	50	0	20.86	20.99	20.83	22	0
20	64QAM	50	24	20.88	20.95	20.87		
20	64QAM	50	50	20.87	20.95	20.85		
20	64QAM	100	0	20.94	20.93	20.92		
20	256QAM	1	0	18.94	18.93	18.91	20	2
20	256QAM	1	49	18.86	18.97	18.84		
20	256QAM	1	99	18.94	18.94	18.87		
20	256QAM	50	0	18.96	18.95	18.89	20	2
20	256QAM	50	24	18.86	19.01	18.88		
20	256QAM	50	50	18.92	19.01	18.88		
20	256QAM	100	0	18.88	18.92	18.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.82	20.91	20.74	22	0
15	QPSK	1	37	20.79	20.81	20.69		
15	QPSK	1	74	20.80	20.86	20.79		
15	QPSK	36	0	20.91	20.88	20.76	22	0
15	QPSK	36	20	20.88	20.91	20.81		
15	QPSK	36	39	20.77	20.81	20.71		
15	QPSK	75	0	20.83	20.84	20.82		
15	16QAM	1	0	20.83	20.83	20.69	22	0
15	16QAM	1	37	20.79	20.83	20.85		
15	16QAM	1	74	20.75	20.85	20.85		
15	16QAM	36	0	20.81	20.86	20.81	22	0
15	16QAM	36	20	20.78	20.91	20.72		
15	16QAM	36	39	20.83	20.85	20.81		
15	16QAM	75	0	20.78	20.83	20.81		
15	64QAM	1	0	20.79	20.85	20.77	22	0
15	64QAM	1	37	20.84	20.85	20.75		
15	64QAM	1	74	20.80	20.85	20.69		
15	64QAM	36	0	20.80	20.90	20.72	22	0
15	64QAM	36	20	20.83	20.85	20.71		
15	64QAM	36	39	20.80	20.79	20.79		
15	64QAM	75	0	20.80	20.87	20.78		
15	256QAM	1	0	18.86	18.87	18.84	20	2
15	256QAM	1	37	18.81	18.82	18.69		
15	256QAM	1	74	18.82	18.79	18.79		
15	256QAM	36	0	18.87	18.81	18.75	20	2
15	256QAM	36	20	18.78	18.90	18.81		
15	256QAM	36	39	18.78	18.85	18.83		
15	256QAM	75	0	18.73	18.81	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.82	20.81	20.75	22	0
10	QPSK	1	25	20.84	20.87	20.77		
10	QPSK	1	49	20.86	20.92	20.77		
10	QPSK	25	0	20.87	20.79	20.85	22	0
10	QPSK	25	12	20.81	20.86	20.87		
10	QPSK	25	25	20.78	20.81	20.74		
10	QPSK	50	0	20.85	20.79	20.79		
10	16QAM	1	0	20.85	20.89	20.79	22	0
10	16QAM	1	25	20.87	20.86	20.86		
10	16QAM	1	49	20.72	20.90	20.83		
10	16QAM	25	0	20.86	20.80	20.81	22	0
10	16QAM	25	12	20.89	20.90	20.69		
10	16QAM	25	25	20.91	20.87	20.77		
10	16QAM	50	0	20.87	20.88	20.76		
10	64QAM	1	0	20.80	20.78	20.83	22	0
10	64QAM	1	25	20.85	20.75	20.65		
10	64QAM	1	49	20.84	20.89	20.68		
10	64QAM	25	0	20.75	20.93	20.73	22	0
10	64QAM	25	12	20.78	20.88	20.77		
10	64QAM	25	25	20.78	20.90	20.78		
10	64QAM	50	0	20.81	20.81	20.88		
10	256QAM	1	0	18.89	18.80	18.87	20	2
10	256QAM	1	25	18.76	18.92	18.76		
10	256QAM	1	49	18.84	18.88	18.77		
10	256QAM	25	0	18.87	18.88	18.83	20	2
10	256QAM	25	12	18.81	18.97	18.81		
10	256QAM	25	25	18.79	18.93	18.76		
10	256QAM	50	0	18.78	18.78	18.79		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.81	20.89	20.69	22	0
5	QPSK	1	12	20.81	20.87	20.67		
5	QPSK	1	24	20.75	20.81	20.81		
5	QPSK	12	0	20.82	20.84	20.78	22	0
5	QPSK	12	7	20.80	20.93	20.82		
5	QPSK	12	13	20.84	20.90	20.81		
5	QPSK	25	0	20.79	20.85	20.82		
5	16QAM	1	0	20.84	20.94	20.70	22	0
5	16QAM	1	12	20.88	20.92	20.84		
5	16QAM	1	24	20.75	20.85	20.85		
5	16QAM	12	0	20.83	20.85	20.71	22	0
5	16QAM	12	7	20.85	20.97	20.75		
5	16QAM	12	13	20.81	20.91	20.81		
5	16QAM	25	0	20.86	20.85	20.77		
5	64QAM	1	0	20.75	20.82	20.83	22	0
5	64QAM	1	12	20.78	20.79	20.74		
5	64QAM	1	24	20.80	20.94	20.71		
5	64QAM	12	0	20.75	20.92	20.72	22	0
5	64QAM	12	7	20.83	20.80	20.71		
5	64QAM	12	13	20.72	20.85	20.81		
5	64QAM	25	0	20.79	20.78	20.81		
5	256QAM	1	0	18.89	18.81	18.84	20	2
5	256QAM	1	12	18.72	18.89	18.71		
5	256QAM	1	24	18.88	18.85	18.79		
5	256QAM	12	0	18.92	18.87	18.77	20	2
5	256QAM	12	7	18.77	18.96	18.79		
5	256QAM	12	13	18.78	18.91	18.82		
5	256QAM	25	0	18.74	18.84	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	20.84	20.73	22	0
3	QPSK	1	8	20.79	20.77	20.70		
3	QPSK	1	14	20.84	20.83	20.76		
3	QPSK	8	0	20.88	20.83	20.85	22	0
3	QPSK	8	4	20.87	20.90	20.82		
3	QPSK	8	7	20.76	20.81	20.74		
3	QPSK	15	0	20.76	20.84	20.80		
3	16QAM	1	0	20.92	20.90	20.71	22	0
3	16QAM	1	8	20.87	20.88	20.87		
3	16QAM	1	14	20.72	20.85	20.82		
3	16QAM	8	0	20.84	20.86	20.75	22	0
3	16QAM	8	4	20.78	20.88	20.71		
3	16QAM	8	7	20.91	20.84	20.86		
3	16QAM	15	0	20.90	20.83	20.81		
3	64QAM	1	0	20.79	20.82	20.80	22	0
3	64QAM	1	8	20.86	20.82	20.70		
3	64QAM	1	14	20.82	20.87	20.72		
3	64QAM	8	0	20.77	20.87	20.71	22	0
3	64QAM	8	4	20.75	20.87	20.72		
3	64QAM	8	7	20.77	20.83	20.78		
3	64QAM	15	0	20.90	20.79	20.87		
3	256QAM	1	0	18.81	18.82	18.81	20	2
3	256QAM	1	8	18.82	18.92	18.71		
3	256QAM	1	14	18.90	18.84	18.79		
3	256QAM	8	0	18.81	18.87	18.79	20	2
3	256QAM	8	4	18.71	18.90	18.78		
3	256QAM	8	7	18.86	18.95	18.72		
3	256QAM	15	0	18.80	18.77	18.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.84	20.80	20.70	22	0
1.4	QPSK	1	3	20.80	20.80	20.67		
1.4	QPSK	1	5	20.84	20.83	20.76		
1.4	QPSK	3	0	20.83	20.81	20.88		
1.4	QPSK	3	1	20.85	20.92	20.81		
1.4	QPSK	3	3	20.80	20.88	20.76		
1.4	QPSK	6	0	20.80	20.86	20.82	22	0
1.4	16QAM	1	0	20.87	20.87	20.68	22	0
1.4	16QAM	1	3	20.86	20.86	20.78		
1.4	16QAM	1	5	20.74	20.91	20.75		
1.4	16QAM	3	0	20.92	20.76	20.78		
1.4	16QAM	3	1	20.85	20.92	20.72		
1.4	16QAM	3	3	20.92	20.84	20.79		
1.4	16QAM	6	0	20.85	20.92	20.76	22	0
1.4	64QAM	1	0	20.78	20.84	20.81	22	0
1.4	64QAM	1	3	20.80	20.80	20.71		
1.4	64QAM	1	5	20.78	20.85	20.71		
1.4	64QAM	3	0	20.71	20.95	20.74		
1.4	64QAM	3	1	20.80	20.87	20.72		
1.4	64QAM	3	3	20.82	20.80	20.80		
1.4	64QAM	6	0	20.87	20.80	20.79	22	0
1.4	256QAM	1	0	18.79	18.77	18.82	20	2
1.4	256QAM	1	3	18.78	18.86	18.80		
1.4	256QAM	1	5	18.87	18.85	18.76		
1.4	256QAM	3	0	18.87	18.81	18.83		
1.4	256QAM	3	1	18.80	18.87	18.80		
1.4	256QAM	3	3	18.80	18.88	18.83		
1.4	256QAM	6	0	18.82	18.87	18.70	20	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.60	23.71	23.53	24.2	0
20	QPSK	1	49	23.59	23.57	23.59		
20	QPSK	1	99	23.55	23.64	23.57		
20	QPSK	50	0	23.62	23.68	23.51	24.2	0
20	QPSK	50	24	23.58	23.59	23.51		
20	QPSK	50	50	23.54	23.67	23.59		
20	QPSK	100	0	23.55	23.62	23.61		
20	16QAM	1	0	23.53	23.57	23.52	24.2	0
20	16QAM	1	49	23.53	23.58	23.51		
20	16QAM	1	99	23.58	23.67	23.59		
20	16QAM	50	0	23.09	23.14	23.02	23.7	0.5
20	16QAM	50	24	23.13	23.15	23.09		
20	16QAM	50	50	23.10	23.06	23.04		
20	16QAM	100	0	23.09	23.06	23.02		
20	64QAM	1	0	23.03	23.15	23.01	23.7	0.5
20	64QAM	1	49	23.10	23.12	23.10		
20	64QAM	1	99	23.12	23.12	23.04		
20	64QAM	50	0	22.07	22.08	22.01	22.7	1.5
20	64QAM	50	24	22.10	22.08	22.09		
20	64QAM	50	50	22.14	22.07	22.08		
20	64QAM	100	0	22.08	22.10	22.01		
20	256QAM	1	0	20.11	20.09	20.01	20.7	3.5
20	256QAM	1	49	20.15	20.02	20.05		
20	256QAM	1	99	20.05	20.10	20.08		
20	256QAM	50	0	20.04	20.03	20.02	20.7	3.5
20	256QAM	50	24	20.13	20.13	19.99		
20	256QAM	50	50	20.07	20.12	20.01		
20	256QAM	100	0	20.13	20.12	20.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.44	23.44	24.2	0
15	QPSK	1	37	23.46	23.53	23.51		
15	QPSK	1	74	23.50	23.50	23.45		
15	QPSK	36	0	23.53	23.50	23.37	24.2	0
15	QPSK	36	20	23.49	23.47	23.45		
15	QPSK	36	39	23.45	23.51	23.54		
15	QPSK	75	0	23.40	23.51	23.46		
15	16QAM	1	0	23.46	23.52	23.38	24.2	0
15	16QAM	1	37	23.45	23.43	23.41		
15	16QAM	1	74	23.53	23.54	23.43		
15	16QAM	36	0	23.04	23.01	22.93	23.7	0.5
15	16QAM	36	20	23.06	23.00	22.95		
15	16QAM	36	39	22.95	22.91	22.90		
15	16QAM	75	0	23.04	23.00	22.87		
15	64QAM	1	0	22.93	23.02	22.96	23.7	0.5
15	64QAM	1	37	23.05	22.99	23.00		
15	64QAM	1	74	22.97	23.02	22.94		
15	64QAM	36	0	21.99	22.03	21.92	22.7	1.5
15	64QAM	36	20	22.00	22.01	21.95		
15	64QAM	36	39	22.09	21.97	21.97		
15	64QAM	75	0	21.93	21.95	21.85		
15	256QAM	1	0	20.05	20.05	19.96	20.7	3.5
15	256QAM	1	37	20.10	19.96	19.89		
15	256QAM	1	74	19.90	20.03	19.97		
15	256QAM	36	0	19.88	19.94	19.88	20.7	3.5
15	256QAM	36	20	20.00	20.02	19.89		
15	256QAM	36	39	20.02	20.01	19.96		
15	256QAM	75	0	20.06	19.99	19.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.53	23.44	23.39	24.2	0
10	QPSK	1	25	23.53	23.42	23.46		
10	QPSK	1	49	23.42	23.56	23.45		
10	QPSK	25	0	23.50	23.45	23.37	24.2	0
10	QPSK	25	12	23.43	23.47	23.38		
10	QPSK	25	25	23.46	23.56	23.52		
10	QPSK	50	0	23.41	23.55	23.55		
10	16QAM	1	0	23.41	23.49	23.38	24.2	0
10	16QAM	1	25	23.48	23.47	23.44		
10	16QAM	1	49	23.44	23.57	23.55		
10	16QAM	25	0	23.04	23.05	22.91	23.7	0.5
10	16QAM	25	12	23.08	23.10	22.97		
10	16QAM	25	25	23.04	22.95	22.98		
10	16QAM	50	0	23.03	22.90	22.87		
10	64QAM	1	0	22.92	23.00	22.93	23.7	0.5
10	64QAM	1	25	23.05	23.05	22.98		
10	64QAM	1	49	23.02	23.04	22.95		
10	64QAM	25	0	21.94	22.01	21.91	22.7	1.5
10	64QAM	25	12	22.04	21.95	22.03		
10	64QAM	25	25	22.07	21.97	21.97		
10	64QAM	50	0	22.00	22.00	21.97		
10	256QAM	1	0	20.04	19.93	19.88	20.7	3.5
10	256QAM	1	25	20.06	19.89	20.00		
10	256QAM	1	49	19.90	20.01	20.02		
10	256QAM	25	0	19.91	19.90	19.94	20.7	3.5
10	256QAM	25	12	20.01	19.97	19.91		
10	256QAM	25	25	19.97	20.00	19.89		
10	256QAM	50	0	20.07	19.98	19.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.55	23.51	23.40	24.2	0
5	QPSK	1	12	23.45	23.43	23.51		
5	QPSK	1	24	23.47	23.58	23.45		
5	QPSK	12	0	23.47	23.44	23.36	24.2	0
5	QPSK	12	7	23.43	23.45	23.46		
5	QPSK	12	13	23.47	23.61	23.48		
5	QPSK	25	0	23.47	23.46	23.54		
5	16QAM	1	0	23.37	23.42	23.47	24.2	0
5	16QAM	1	12	23.46	23.52	23.37		
5	16QAM	1	24	23.49	23.52	23.53		
5	16QAM	12	0	22.95	23.09	22.89	23.7	0.5
5	16QAM	12	7	23.00	23.04	22.94		
5	16QAM	12	13	23.04	22.93	22.90		
5	16QAM	25	0	22.98	23.00	22.98		
5	64QAM	1	0	22.95	23.04	22.86	23.7	0.5
5	64QAM	1	12	22.98	22.96	22.94		
5	64QAM	1	24	23.02	22.96	22.99		
5	64QAM	12	0	21.96	22.03	21.87	22.7	1.5
5	64QAM	12	7	21.95	22.02	21.96		
5	64QAM	12	13	22.03	21.92	21.94		
5	64QAM	25	0	21.95	21.99	21.93		
5	256QAM	1	0	20.07	19.94	19.93	20.7	3.5
5	256QAM	1	12	20.05	19.88	19.95		
5	256QAM	1	24	19.99	20.02	20.01		
5	256QAM	12	0	19.96	19.91	19.95	20.7	3.5
5	256QAM	12	7	20.03	20.00	19.89		
5	256QAM	12	13	20.01	20.05	19.88		
5	256QAM	25	0	20.03	20.01	19.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.63	22.50	22.75	22.65	22.52	23.2	0
20	QPSK	1	49	22.66	22.50	22.64	22.55	22.56		
20	QPSK	1	99	22.63	22.54	22.68	22.54	22.56		
20	QPSK	50	0	22.57	22.59	22.68	22.55	22.53	23.2	0
20	QPSK	50	24	22.64	22.59	22.61	22.60	22.58		
20	QPSK	50	50	22.56	22.60	22.66	22.56	22.54		
20	QPSK	100	0	22.62	22.55	22.65	22.64	22.63		
20	16QAM	1	0	22.64	22.52	22.66	22.59	22.53	23.2	0
20	16QAM	1	49	22.57	22.54	22.70	22.58	22.54		
20	16QAM	1	99	22.59	22.60	22.65	22.59	22.61		
20	16QAM	50	0	22.61	22.57	22.59	22.60	22.62	23.2	0
20	16QAM	50	24	22.66	22.60	22.61	22.59	22.55		
20	16QAM	50	50	22.61	22.53	22.59	22.63	22.59		
20	16QAM	100	0	22.60	22.51	22.70	22.63	22.57		
20	64QAM	1	0	22.61	22.53	22.63	22.57	22.64	23.2	0
20	64QAM	1	49	22.65	22.51	22.63	22.56	22.54		
20	64QAM	1	99	22.58	22.58	22.60	22.59	22.57		
20	64QAM	50	0	22.10	21.99	22.19	22.10	22.10	22.7	0.5
20	64QAM	50	24	22.08	22.08	22.19	22.06	22.11		
20	64QAM	50	50	22.16	22.08	22.20	22.08	22.05		
20	64QAM	100	0	22.12	22.09	22.17	22.06	22.03		
20	256QAM	1	0	20.05	20.11	20.08	20.13	20.13	20.7	2.5
20	256QAM	1	49	20.09	20.08	20.09	20.15	20.06		
20	256QAM	1	99	20.15	20.06	20.14	20.13	20.13		
20	256QAM	50	0	20.13	20.03	20.13	20.06	20.05	20.7	2.5
20	256QAM	50	24	20.15	19.99	20.11	20.06	20.09		
20	256QAM	50	50	20.11	20.08	20.18	20.06	20.03		
20	256QAM	100	0	20.10	20.01	20.12	20.14	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.39	22.49	22.51	22.46	23.20	0
15	QPSK	1	37	22.54	22.37	22.54	22.51	22.44		
15	QPSK	1	74	22.54	22.40	22.58	22.42	22.43		
15	QPSK	36	0	22.50	22.49	22.58	22.48	22.39	23.2	0
15	QPSK	36	20	22.52	22.54	22.52	22.49	22.53		
15	QPSK	36	39	22.47	22.44	22.51	22.51	22.45		
15	QPSK	75	0	22.50	22.48	22.46	22.51	22.48		
15	16QAM	1	0	22.50	22.43	22.52	22.52	22.43	23.2	0
15	16QAM	1	37	22.45	22.39	22.62	22.50	22.39		
15	16QAM	1	74	22.49	22.45	22.51	22.47	22.57		
15	16QAM	36	0	22.49	22.50	22.43	22.45	22.46	23.2	0
15	16QAM	36	20	22.59	22.52	22.54	22.51	22.45		
15	16QAM	36	39	22.56	22.41	22.47	22.56	22.46		
15	16QAM	75	0	22.45	22.43	22.60	22.49	22.44		
15	64QAM	1	0	22.45	22.46	22.53	22.46	22.51	23.2	0
15	64QAM	1	37	22.52	22.46	22.53	22.44	22.39		
15	64QAM	1	74	22.52	22.52	22.55	22.52	22.41		
15	64QAM	36	0	21.96	21.85	22.13	21.98	22.02	22.7	0.5
15	64QAM	36	20	21.94	21.98	22.15	21.98	22.03		
15	64QAM	36	39	22.09	22.00	22.16	22.03	22.00		
15	64QAM	75	0	21.97	21.96	22.04	22.00	21.96		
15	256QAM	1	0	19.98	20.00	20.00	19.98	20.03	20.7	2.5
15	256QAM	1	37	19.99	19.94	20.01	20.09	20.01		
15	256QAM	1	74	20.05	20.01	20.06	20.09	20.07		
15	256QAM	36	0	20.09	19.88	20.06	19.94	19.95	20.7	2.5
15	256QAM	36	20	20.02	19.87	20.03	19.96	19.97		
15	256QAM	36	39	19.99	20.00	20.13	19.96	19.97		
15	256QAM	75	0	20.02	19.96	20.04	20.03	20.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.48	22.45	22.57	22.59	22.43	23.20	0
10	QPSK	1	25	22.57	22.36	22.51	22.47	22.43		
10	QPSK	1	49	22.54	22.46	22.58	22.38	22.43		
10	QPSK	25	0	22.44	22.53	22.53	22.43	22.48	23.2	0
10	QPSK	25	12	22.52	22.45	22.51	22.56	22.54		
10	QPSK	25	25	22.43	22.54	22.54	22.47	22.47		
10	QPSK	50	0	22.51	22.46	22.45	22.58	22.53		
10	16QAM	1	0	22.59	22.42	22.52	22.47	22.46	23.2	0
10	16QAM	1	25	22.48	22.39	22.54	22.49	22.38		
10	16QAM	1	49	22.49	22.46	22.53	22.48	22.52		
10	16QAM	25	0	22.54	22.42	22.51	22.47	22.54	23.2	0
10	16QAM	25	12	22.53	22.50	22.55	22.46	22.45		
10	16QAM	25	25	22.51	22.48	22.50	22.48	22.53		
10	16QAM	50	0	22.45	22.35	22.61	22.58	22.47		
10	64QAM	1	0	22.47	22.40	22.55	22.52	22.53	23.2	0
10	64QAM	1	25	22.54	22.38	22.59	22.50	22.46		
10	64QAM	1	49	22.44	22.43	22.55	22.50	22.42		
10	64QAM	25	0	21.99	21.84	22.08	22.05	21.98	22.7	0.5
10	64QAM	25	12	21.98	22.04	22.11	21.92	21.99		
10	64QAM	25	25	22.09	21.95	22.12	21.94	21.89		
10	64QAM	50	0	22.02	21.94	22.10	22.01	21.95		
10	256QAM	1	0	19.91	20.02	20.02	20.07	20.00	20.7	2.5
10	256QAM	1	25	19.93	19.92	20.03	20.03	19.96		
10	256QAM	1	49	20.05	19.91	20.03	20.00	20.04		
10	256QAM	25	0	19.99	19.96	20.08	20.01	20.01	20.7	2.5
10	256QAM	25	12	20.02	19.87	20.07	20.00	19.99		
10	256QAM	25	25	20.06	19.94	20.06	19.93	19.94		
10	256QAM	50	0	19.99	19.91	20.05	20.03	20.04		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.53	22.45	22.61	22.60	22.43	23.20	0
5	QPSK	1	12	22.59	22.44	22.50	22.43	22.42		
5	QPSK	1	24	22.53	22.44	22.57	22.43	22.40		
5	QPSK	12	0	22.49	22.50	22.59	22.47	22.45	23.2	0
5	QPSK	12	7	22.56	22.43	22.47	22.54	22.46		
5	QPSK	12	13	22.42	22.53	22.52	22.49	22.44		
5	QPSK	25	0	22.46	22.46	22.53	22.49	22.58		
5	16QAM	1	0	22.56	22.45	22.53	22.51	22.39	23.2	0
5	16QAM	1	12	22.51	22.46	22.58	22.43	22.40		
5	16QAM	1	24	22.53	22.46	22.52	22.52	22.46		
5	16QAM	12	0	22.56	22.43	22.47	22.56	22.54	23.2	0
5	16QAM	12	7	22.57	22.49	22.56	22.45	22.46		
5	16QAM	12	13	22.46	22.39	22.55	22.52	22.53		
5	16QAM	25	0	22.45	22.47	22.64	22.53	22.49		
5	64QAM	1	0	22.45	22.44	22.50	22.46	22.55	23.2	0
5	64QAM	1	12	22.50	22.42	22.50	22.48	22.48		
5	64QAM	1	24	22.49	22.47	22.50	22.45	22.50		
5	64QAM	12	0	21.96	21.91	22.08	22.00	22.00	22.7	0.5
5	64QAM	12	7	22.01	21.97	22.03	22.01	22.06		
5	64QAM	12	13	22.11	21.98	22.15	21.98	22.00		
5	64QAM	25	0	22.07	21.97	22.02	22.00	21.89		
5	256QAM	1	0	20.01	19.99	19.99	20.01	20.07	20.7	2.5
5	256QAM	1	12	19.98	19.98	19.97	20.10	19.93		
5	256QAM	1	24	20.08	19.95	20.09	20.04	19.98		
5	256QAM	12	0	20.07	19.97	20.06	20.00	19.92	20.7	2.5
5	256QAM	12	7	20.00	19.95	19.98	20.01	20.04		
5	256QAM	12	13	20.06	19.96	20.14	19.95	19.98		
5	256QAM	25	0	20.06	19.95	19.97	20.00	20.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.37	22.51	22.29	23.2	0
20	QPSK	1	49	22.37	22.41	22.38		
20	QPSK	1	99	22.41	22.45	22.33		
20	QPSK	50	0	22.34	22.44	22.33	23.2	0
20	QPSK	50	24	22.40	22.37	22.31		
20	QPSK	50	50	22.34	22.36	22.32		
20	QPSK	100	0	22.45	22.46	22.40		
20	16QAM	1	0	22.45	22.37	22.38	23.2	0
20	16QAM	1	49	22.37	22.45	22.35		
20	16QAM	1	99	22.44	22.45	22.35		
20	16QAM	50	0	22.41	22.41	22.40	23.2	0
20	16QAM	50	24	22.36	22.47	22.39		
20	16QAM	50	50	22.36	22.42	22.31		
20	16QAM	100	0	22.36	22.46	22.33		
20	64QAM	1	0	22.34	22.46	22.30	23.2	0
20	64QAM	1	49	22.33	22.45	22.33		
20	64QAM	1	99	22.42	22.47	22.30		
20	64QAM	50	0	21.93	21.89	21.82	22.7	0.5
20	64QAM	50	24	21.94	21.94	21.81		
20	64QAM	50	50	21.94	21.92	21.80		
20	64QAM	100	0	21.83	21.90	21.79		
20	256QAM	1	0	19.94	19.98	19.87	20.7	2.5
20	256QAM	1	49	19.94	19.88	19.82		
20	256QAM	1	99	19.90	19.87	19.89		
20	256QAM	50	0	19.84	19.93	19.89	20.7	2.5
20	256QAM	50	24	19.88	19.95	19.88		
20	256QAM	50	50	19.89	19.91	19.90		
20	256QAM	100	0	19.87	19.96	19.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.25	22.27	22.14	23.2	0
15	QPSK	1	37	22.27	22.35	22.31		
15	QPSK	1	74	22.33	22.31	22.21		
15	QPSK	36	0	22.19	22.29	22.18	23.2	0
15	QPSK	36	20	22.29	22.30	22.17		
15	QPSK	36	39	22.27	22.29	22.20		
15	QPSK	75	0	22.36	22.27	22.26		
15	16QAM	1	0	22.38	22.27	22.24	23.2	0
15	16QAM	1	37	22.27	22.38	22.24		
15	16QAM	1	74	22.33	22.39	22.19		
15	16QAM	36	0	22.33	22.34	22.27	23.2	0
15	16QAM	36	20	22.31	22.34	22.34		
15	16QAM	36	39	22.23	22.31	22.24		
15	16QAM	75	0	22.23	22.39	22.20		
15	64QAM	1	0	22.24	22.33	22.26	23.2	0
15	64QAM	1	37	22.21	22.34	22.25		
15	64QAM	1	74	22.38	22.35	22.21		
15	64QAM	36	0	21.87	21.77	21.73	22.7	0.5
15	64QAM	36	20	21.89	21.79	21.73		
15	64QAM	36	39	21.78	21.78	21.64		
15	64QAM	75	0	21.70	21.75	21.69		
15	256QAM	1	0	19.87	19.91	19.78	20.7	2.5
15	256QAM	1	37	19.86	19.76	19.67		
15	256QAM	1	74	19.80	19.74	19.82		
15	256QAM	36	0	19.79	19.84	19.84	20.7	2.5
15	256QAM	36	20	19.81	19.86	19.80		
15	256QAM	36	39	19.78	19.79	19.82		
15	256QAM	75	0	19.71	19.81	19.75		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.29	22.31	22.22	23.2	0
10	QPSK	1	25	22.25	22.35	22.24		
10	QPSK	1	49	22.25	22.34	22.17		
10	QPSK	25	0	22.22	22.32	22.29	23.2	0
10	QPSK	25	12	22.29	22.27	22.25		
10	QPSK	25	25	22.21	22.26	22.17		
10	QPSK	50	0	22.37	22.32	22.32		
10	16QAM	1	0	22.40	22.28	22.32	23.2	0
10	16QAM	1	25	22.28	22.33	22.26		
10	16QAM	1	49	22.29	22.33	22.29		
10	16QAM	25	0	22.29	22.32	22.32	23.2	0
10	16QAM	25	12	22.24	22.34	22.32		
10	16QAM	25	25	22.20	22.29	22.23		
10	16QAM	50	0	22.25	22.40	22.22		
10	64QAM	1	0	22.27	22.34	22.25	23.2	0
10	64QAM	1	25	22.24	22.31	22.20		
10	64QAM	1	49	22.28	22.35	22.23		
10	64QAM	25	0	21.78	21.81	21.75	22.7	0.5
10	64QAM	25	12	21.84	21.82	21.77		
10	64QAM	25	25	21.85	21.84	21.75		
10	64QAM	50	0	21.78	21.81	21.74		
10	256QAM	1	0	19.87	19.87	19.71	20.7	2.5
10	256QAM	1	25	19.88	19.72	19.77		
10	256QAM	1	49	19.82	19.72	19.79		
10	256QAM	25	0	19.76	19.88	19.74	20.7	2.5
10	256QAM	25	12	19.75	19.87	19.83		
10	256QAM	25	25	19.80	19.80	19.85		
10	256QAM	50	0	19.74	19.83	19.75		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.22	22.30	22.21	23.2	0
5	QPSK	1	12	22.26	22.37	22.33		
5	QPSK	1	24	22.31	22.35	22.19		
5	QPSK	12	0	22.25	22.30	22.24	23.2	0
5	QPSK	12	7	22.30	22.30	22.22		
5	QPSK	12	13	22.29	22.22	22.22		
5	QPSK	25	0	22.39	22.27	22.27		
5	16QAM	1	0	22.34	22.23	22.29	23.2	0
5	16QAM	1	12	22.27	22.40	22.21		
5	16QAM	1	24	22.38	22.38	22.25		
5	16QAM	12	0	22.28	22.31	22.26	23.2	0
5	16QAM	12	7	22.29	22.40	22.28		
5	16QAM	12	13	22.27	22.31	22.19		
5	16QAM	25	0	22.22	22.39	22.24		
5	64QAM	1	0	22.25	22.32	22.17	23.2	0
5	64QAM	1	12	22.27	22.35	22.25		
5	64QAM	1	24	22.34	22.38	22.25		
5	64QAM	12	0	21.84	21.75	21.74	22.7	0.5
5	64QAM	12	7	21.88	21.87	21.65		
5	64QAM	12	13	21.83	21.84	21.69		
5	64QAM	25	0	21.73	21.83	21.72		
5	256QAM	1	0	19.88	19.86	19.82	20.7	2.5
5	256QAM	1	12	19.80	19.72	19.76		
5	256QAM	1	24	19.74	19.71	19.73		
5	256QAM	12	0	19.75	19.82	19.79	20.7	2.5
5	256QAM	12	7	19.82	19.86	19.83		
5	256QAM	12	13	19.79	19.79	19.78		
5	256QAM	25	0	19.72	19.82	19.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.31	21.38	21.11	21.18	22.5	0
20	QPSK	1	49	21.25	21.31	21.14	21.24		
20	QPSK	1	99	21.25	21.30	21.11	21.20		
20	QPSK	50	0	21.29	21.32	21.17	21.17	22.5	0
20	QPSK	50	24	21.20	21.24	21.15	21.18		
20	QPSK	50	50	21.19	21.25	21.16	21.22		
20	QPSK	100	0	21.26	21.31	21.22	21.25		
20	16QAM	1	0	21.22	21.32	21.20	21.19	22.5	0
20	16QAM	1	49	21.27	21.34	21.19	21.23		
20	16QAM	1	99	21.21	21.30	21.19	21.19		
20	16QAM	50	0	21.19	21.32	21.18	21.26	22.5	0
20	16QAM	50	24	21.24	21.35	21.23	21.25		
20	16QAM	50	50	21.27	21.27	21.13	21.26		
20	16QAM	100	0	21.26	21.25	21.13	21.21		
20	64QAM	1	0	21.25	21.33	21.20	21.26	22.5	0
20	64QAM	1	49	21.28	21.27	21.22	21.26		
20	64QAM	1	99	21.21	21.35	21.12	21.21		
20	64QAM	50	0	20.26	20.28	20.18	20.21	21.5	1
20	64QAM	50	24	20.26	20.30	20.12	20.23		
20	64QAM	50	50	20.27	20.29	20.22	20.20		
20	64QAM	100	0	20.30	20.28	20.16	20.15		
20	256QAM	1	0	18.20	18.30	18.19	18.22	19.5	3
20	256QAM	1	49	18.22	18.30	18.22	18.21		
20	256QAM	1	99	18.22	18.27	18.13	18.23		
20	256QAM	50	0	18.30	18.27	18.20	18.18	19.5	3
20	256QAM	50	24	18.29	18.26	18.15	18.20		
20	256QAM	50	50	18.26	18.24	18.18	18.17		
20	256QAM	100	0	18.30	18.23	18.20	18.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.17	21.14	21.07	21.12	22.5	0
15	QPSK	1	37	21.18	21.26	21.05	21.20		
15	QPSK	1	74	21.18	21.14	21.05	21.07		
15	QPSK	36	0	21.23	21.20	21.08	21.06	22.5	0
15	QPSK	36	20	21.14	21.10	21.00	21.04		
15	QPSK	36	39	21.03	21.19	21.07	21.06		
15	QPSK	75	0	21.21	21.22	21.07	21.14		
15	16QAM	1	0	21.13	21.28	21.06	21.07	22.5	0
15	16QAM	1	37	21.23	21.19	21.07	21.14		
15	16QAM	1	74	21.15	21.23	21.06	21.07		
15	16QAM	36	0	21.06	21.25	21.12	21.14	22.5	0
15	16QAM	36	20	21.11	21.30	21.12	21.12		
15	16QAM	36	39	21.17	21.12	21.03	21.13		
15	16QAM	75	0	21.17	21.14	21.05	21.13		
15	64QAM	1	0	21.20	21.18	21.04	21.18	22.5	0
15	64QAM	1	37	21.12	21.19	21.17	21.13		
15	64QAM	1	74	21.11	21.24	21.03	21.12		
15	64QAM	36	0	20.19	20.22	20.06	20.12	21.5	1
15	64QAM	36	20	20.21	20.23	20.07	20.07		
15	64QAM	36	39	20.17	20.17	20.13	20.04		
15	64QAM	75	0	20.18	20.24	20.10	20.05		
15	256QAM	1	0	18.06	18.25	18.13	18.08	19.5	3
15	256QAM	1	37	18.11	18.18	18.10	18.10		
15	256QAM	1	74	18.11	18.13	18.04	18.16		
15	256QAM	36	0	18.19	18.13	18.12	18.04	19.5	3
15	256QAM	36	20	18.20	18.11	18.00	18.15		
15	256QAM	36	39	18.21	18.14	18.12	18.09		
15	256QAM	75	0	18.17	18.18	18.08	18.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.24	21.11	21.07	21.13	22.5	0
10	QPSK	1	25	21.20	21.21	21.04	21.19		
10	QPSK	1	49	21.18	21.17	20.98	21.09		
10	QPSK	25	0	21.14	21.21	21.07	21.12	22.5	0
10	QPSK	25	12	21.15	21.10	21.00	21.05		
10	QPSK	25	25	21.06	21.15	21.02	21.13		
10	QPSK	50	0	21.21	21.18	21.09	21.17		
10	16QAM	1	0	21.11	21.22	21.09	21.14	22.5	0
10	16QAM	1	25	21.11	21.25	21.08	21.16		
10	16QAM	1	49	21.09	21.22	21.14	21.04		
10	16QAM	25	0	21.03	21.19	21.04	21.18	22.5	0
10	16QAM	25	12	21.12	21.25	21.15	21.21		
10	16QAM	25	25	21.20	21.15	21.01	21.21		
10	16QAM	50	0	21.18	21.15	20.97	21.06		
10	64QAM	1	0	21.11	21.22	21.12	21.14	22.5	0
10	64QAM	1	25	21.13	21.20	21.17	21.20		
10	64QAM	1	49	21.16	21.24	21.00	21.14		
10	64QAM	25	0	20.22	20.21	20.10	20.07	21.5	1
10	64QAM	25	12	20.21	20.18	20.04	20.19		
10	64QAM	25	25	20.11	20.25	20.14	20.08		
10	64QAM	50	0	20.19	20.23	20.10	20.08		
10	256QAM	1	0	18.06	18.24	18.12	18.18	19.5	3
10	256QAM	1	25	18.14	18.18	18.10	18.12		
10	256QAM	1	49	18.08	18.19	18.02	18.08		
10	256QAM	25	0	18.25	18.12	18.14	18.11	19.5	3
10	256QAM	25	12	18.20	18.21	18.01	18.09		
10	256QAM	25	25	18.20	18.15	18.14	18.12		
10	256QAM	50	0	18.15	18.10	18.14	18.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.20	21.15	20.99	21.11	22.5	0
5	QPSK	1	12	21.14	21.24	20.98	21.17		
5	QPSK	1	24	21.15	21.16	20.97	21.14		
5	QPSK	12	0	21.14	21.28	21.02	21.12	22.5	0
5	QPSK	12	7	21.14	21.12	21.07	21.07		
5	QPSK	12	13	21.04	21.10	21.08	21.08		
5	QPSK	25	0	21.12	21.20	21.06	21.15		
5	16QAM	1	0	21.15	21.20	21.06	21.04	22.5	0
5	16QAM	1	12	21.17	21.26	21.05	21.16		
5	16QAM	1	24	21.08	21.23	21.10	21.05		
5	16QAM	12	0	21.13	21.16	21.08	21.20	22.5	0
5	16QAM	12	7	21.20	21.20	21.09	21.11		
5	16QAM	12	13	21.22	21.14	21.09	21.17		
5	16QAM	25	0	21.19	21.10	21.04	21.09		
5	64QAM	1	0	21.19	21.29	21.05	21.15	22.5	0
5	64QAM	1	12	21.14	21.14	21.08	21.18		
5	64QAM	1	24	21.14	21.24	21.00	21.14		
5	64QAM	12	0	20.19	20.19	20.08	20.14	21.5	1
5	64QAM	12	7	20.11	20.16	20.00	20.10		
5	64QAM	12	13	20.13	20.13	20.13	20.12		
5	64QAM	25	0	20.15	20.16	20.11	20.02		
5	256QAM	1	0	18.09	18.15	18.10	18.14	19.5	3
5	256QAM	1	12	18.12	18.22	18.17	18.14		
5	256QAM	1	24	18.17	18.21	18.00	18.18		
5	256QAM	12	0	18.16	18.16	18.12	18.08	19.5	3
5	256QAM	12	7	18.15	18.20	18.00	18.15		
5	256QAM	12	13	18.18	18.19	18.06	18.10		
5	256QAM	25	0	18.21	18.18	18.16	18.16		

GSM1900 Ant5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	30.12	30.08	31.40	21.02	21.12	21.08	22.40
GPRS 1 Tx slot	29.99	30.10	30.05	31.40	20.99	21.10	21.05	22.40
GPRS 2 Tx slots	26.95	27.08	27.03	28.40	20.95	21.08	21.03	22.40
GPRS 3 Tx slots	25.21	25.34	25.26	26.60	20.95	21.08	21.00	22.34
GPRS 4 Tx slots	23.96	24.06	23.99	25.40	20.96	21.06	20.99	22.40
EDGE 1 Tx slot	25.31	25.36	25.30	26.70	16.31	16.36	16.30	17.70
EDGE 2 Tx slots	22.34	22.45	22.40	23.70	16.34	16.45	16.40	17.70
EDGE 3 Tx slots	20.44	20.59	20.53	21.90	16.18	16.33	16.27	17.64
EDGE 4 Tx slots	19.28	19.36	19.35	20.70	16.28	16.36	16.35	17.70

Band		WCDMA II Ant5			Tune-up Limit (dBm)	WCDMA IV Ant5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.45	21.40	21.38	22.70	21.42	21.47	21.42	22.70
3GPP Rel 99	RMC 12.2Kbps	21.45	21.48	21.34	22.70	21.43	21.52	21.48	22.70
3GPP Rel 6	HSDPA Subtest-1	20.41	20.46	20.30	21.70	20.56	20.51	20.29	21.70
3GPP Rel 6	HSDPA Subtest-2	20.48	20.60	20.40	21.70	20.39	20.47	20.33	21.70
3GPP Rel 6	HSDPA Subtest-3	19.93	20.01	19.84	21.20	19.91	20.07	19.87	21.20
3GPP Rel 6	HSDPA Subtest-4	20.02	19.94	19.79	21.20	19.95	20.10	19.78	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	20.48	20.45	20.40	21.70	20.49	20.57	20.36	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.39	20.47	20.40	21.70	20.54	20.53	20.35	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	19.96	20.05	19.82	21.20	19.99	19.99	19.78	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	20.13	19.89	21.20	19.97	19.98	19.82	21.20
3GPP Rel 6	HSUPA Subtest-1	20.50	20.51	20.37	21.70	20.56	20.58	20.30	21.70
3GPP Rel 6	HSUPA Subtest-2	18.50	18.59	18.43	19.70	18.42	18.52	18.36	19.70
3GPP Rel 6	HSUPA Subtest-3	19.41	19.59	19.38	20.70	19.44	19.44	19.35	20.70
3GPP Rel 6	HSUPA Subtest-4	18.50	18.58	18.36	19.70	18.55	18.50	18.38	19.70
3GPP Rel 6	HSUPA Subtest-5	20.43	20.49	20.42	21.70	20.47	20.40	20.27	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.96	18.00	17.87	16.70	17.97	17.93	17.87	16.70

Band 2 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.51	21.65	21.50	22.6	0
20	QPSK	1	49	21.55	21.63	21.48		
20	QPSK	1	99	21.52	21.55	21.59		
20	QPSK	50	0	21.50	21.61	21.52	22.6	0
20	QPSK	50	24	21.53	21.58	21.49		
20	QPSK	50	50	21.48	21.51	21.47		
20	QPSK	100	0	21.56	21.59	21.58		
20	16QAM	1	0	21.53	21.62	21.53	22.6	0
20	16QAM	1	49	21.53	21.61	21.54		
20	16QAM	1	99	21.56	21.61	21.58		
20	16QAM	50	0	21.55	21.58	21.59	22.6	0
20	16QAM	50	24	21.55	21.57	21.56		
20	16QAM	50	50	21.54	21.60	21.52		
20	16QAM	100	0	21.54	21.60	21.49		
20	64QAM	1	0	21.56	21.62	21.58	22.6	0
20	64QAM	1	49	21.54	21.59	21.56		
20	64QAM	1	99	21.52	21.56	21.48		
20	64QAM	50	0	20.55	20.62	20.59	21.6	1
20	64QAM	50	24	20.53	20.63	20.50		
20	64QAM	50	50	20.48	20.52	20.52		
20	64QAM	100	0	20.57	20.56	20.54		
20	256QAM	1	0	18.51	18.52	18.59	19.6	3
20	256QAM	1	49	18.48	18.61	18.48		
20	256QAM	1	99	18.46	18.54	18.49		
20	256QAM	50	0	18.50	18.58	18.48	19.6	3
20	256QAM	50	24	18.46	18.60	18.52		
20	256QAM	50	50	18.49	18.60	18.58		
20	256QAM	100	0	18.49	18.62	18.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.38	21.45	22.6	0
15	QPSK	1	37	21.50	21.49	21.32		
15	QPSK	1	74	21.37	21.45	21.44		
15	QPSK	36	0	21.43	21.43	21.39	22.6	0
15	QPSK	36	20	21.41	21.52	21.36		
15	QPSK	36	39	21.37	21.37	21.31		
15	QPSK	75	0	21.51	21.47	21.44		
15	16QAM	1	0	21.44	21.52	21.42	22.6	0
15	16QAM	1	37	21.47	21.54	21.47		
15	16QAM	1	74	21.48	21.55	21.50		
15	16QAM	36	0	21.46	21.48	21.50	22.6	0
15	16QAM	36	20	21.47	21.50	21.41		
15	16QAM	36	39	21.40	21.55	21.44		
15	16QAM	75	0	21.45	21.50	21.35		
15	64QAM	1	0	21.42	21.50	21.50	22.6	0
15	64QAM	1	37	21.50	21.53	21.40		
15	64QAM	1	74	21.45	21.52	21.33		
15	64QAM	36	0	20.50	20.49	20.44	21.6	1
15	64QAM	36	20	20.47	20.52	20.36		
15	64QAM	36	39	20.39	20.42	20.45		
15	64QAM	75	0	20.51	20.46	20.48		
15	256QAM	1	0	18.44	18.39	18.48	19.6	3
15	256QAM	1	37	18.41	18.52	18.37		
15	256QAM	1	74	18.36	18.43	18.43		
15	256QAM	36	0	18.45	18.53	18.42	19.6	3
15	256QAM	36	20	18.32	18.48	18.40		
15	256QAM	36	39	18.35	18.45	18.48		
15	256QAM	75	0	18.33	18.47	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.36	21.41	21.39	22.6	0
10	QPSK	1	25	21.40	21.57	21.41		
10	QPSK	1	49	21.40	21.46	21.44		
10	QPSK	25	0	21.46	21.52	21.42	22.6	0
10	QPSK	25	12	21.38	21.53	21.41		
10	QPSK	25	25	21.36	21.47	21.35		
10	QPSK	50	0	21.40	21.39	21.46		
10	16QAM	1	0	21.40	21.54	21.45	22.6	0
10	16QAM	1	25	21.47	21.55	21.44		
10	16QAM	1	49	21.44	21.45	21.53		
10	16QAM	25	0	21.44	21.45	21.43	22.6	0
10	16QAM	25	12	21.49	21.41	21.45		
10	16QAM	25	25	21.38	21.55	21.38		
10	16QAM	50	0	21.49	21.50	21.36		
10	64QAM	1	0	21.42	21.53	21.44	22.6	0
10	64QAM	1	25	21.50	21.46	21.43		
10	64QAM	1	49	21.41	21.44	21.44		
10	64QAM	25	0	20.48	20.46	20.49	21.6	1
10	64QAM	25	12	20.38	20.57	20.43		
10	64QAM	25	25	20.37	20.39	20.40		
10	64QAM	50	0	20.43	20.51	20.47		
10	256QAM	1	0	18.39	18.46	18.54	19.6	3
10	256QAM	1	25	18.35	18.47	18.34		
10	256QAM	1	49	18.30	18.41	18.36		
10	256QAM	25	0	18.42	18.50	18.34	19.6	3
10	256QAM	25	12	18.36	18.51	18.37		
10	256QAM	25	25	18.36	18.56	18.44		
10	256QAM	50	0	18.33	18.46	18.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.44	21.38	21.37	22.6	0
5	QPSK	1	12	21.50	21.52	21.37		
5	QPSK	1	24	21.42	21.48	21.51		
5	QPSK	12	0	21.41	21.43	21.46	22.6	0
5	QPSK	12	7	21.44	21.50	21.40		
5	QPSK	12	13	21.44	21.39	21.42		
5	QPSK	25	0	21.50	21.47	21.45		
5	16QAM	1	0	21.45	21.55	21.39	22.6	0
5	16QAM	1	12	21.42	21.45	21.44		
5	16QAM	1	24	21.41	21.55	21.48		
5	16QAM	12	0	21.40	21.44	21.51	22.6	0
5	16QAM	12	7	21.51	21.42	21.50		
5	16QAM	12	13	21.38	21.54	21.42		
5	16QAM	25	0	21.47	21.52	21.34		
5	64QAM	1	0	21.41	21.52	21.42	22.6	0
5	64QAM	1	12	21.46	21.49	21.43		
5	64QAM	1	24	21.42	21.43	21.33		
5	64QAM	12	0	20.46	20.53	20.48	21.6	1
5	64QAM	12	7	20.40	20.55	20.41		
5	64QAM	12	13	20.39	20.41	20.43		
5	64QAM	25	0	20.51	20.49	20.49		
5	256QAM	1	0	18.36	18.38	18.48	19.6	3
5	256QAM	1	12	18.34	18.47	18.38		
5	256QAM	1	24	18.34	18.41	18.40		
5	256QAM	12	0	18.41	18.46	18.36	19.6	3
5	256QAM	12	7	18.32	18.53	18.46		
5	256QAM	12	13	18.37	18.45	18.45		
5	256QAM	25	0	18.38	18.57	18.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.40	21.48	21.41	22.6	0
3	QPSK	1	8	21.43	21.50	21.38		
3	QPSK	1	14	21.40	21.40	21.48		
3	QPSK	8	0	21.40	21.52	21.43	22.6	0
3	QPSK	8	4	21.47	21.44	21.33		
3	QPSK	8	7	21.33	21.39	21.32		
3	QPSK	15	0	21.47	21.36	21.48		
3	16QAM	1	0	21.47	21.48	21.44	22.6	0
3	16QAM	1	8	21.39	21.47	21.38		
3	16QAM	1	14	21.41	21.56	21.54		
3	16QAM	8	0	21.48	21.45	21.45	22.6	0
3	16QAM	8	4	21.50	21.52	21.50		
3	16QAM	8	7	21.41	21.45	21.47		
3	16QAM	15	0	21.39	21.52	21.38		
3	64QAM	1	0	21.42	21.48	21.48	22.6	0
3	64QAM	1	8	21.49	21.50	21.48		
3	64QAM	1	14	21.44	21.42	21.40		
3	64QAM	8	0	20.40	20.53	20.47	21.6	1
3	64QAM	8	4	20.38	20.51	20.45		
3	64QAM	8	7	20.33	20.36	20.45		
3	64QAM	15	0	20.42	20.42	20.45		
3	256QAM	1	0	18.43	18.38	18.46	19.6	3
3	256QAM	1	8	18.36	18.48	18.41		
3	256QAM	1	14	18.34	18.41	18.44		
3	256QAM	8	0	18.43	18.44	18.34	19.6	3
3	256QAM	8	4	18.42	18.54	18.44		
3	256QAM	8	7	18.34	18.47	18.45		
3	256QAM	15	0	18.38	18.51	18.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.46	21.40	21.36	22.6	0
1.4	QPSK	1	3	21.44	21.55	21.32		
1.4	QPSK	1	5	21.38	21.51	21.43		
1.4	QPSK	3	0	21.39	21.46	21.39		
1.4	QPSK	3	1	21.39	21.53	21.38		
1.4	QPSK	3	3	21.39	21.39	21.36		
1.4	QPSK	6	0	21.45	21.46	21.49	22.6	0
1.4	16QAM	1	0	21.49	21.48	21.48	22.6	0
1.4	16QAM	1	3	21.37	21.56	21.43		
1.4	16QAM	1	5	21.50	21.48	21.50		
1.4	16QAM	3	0	21.49	21.49	21.49		
1.4	16QAM	3	1	21.51	21.53	21.42		
1.4	16QAM	3	3	21.47	21.51	21.38		
1.4	16QAM	6	0	21.46	21.54	21.34	22.6	0
1.4	64QAM	1	0	21.42	21.54	21.43	22.6	0
1.4	64QAM	1	3	21.42	21.54	21.49		
1.4	64QAM	1	5	21.40	21.45	21.43		
1.4	64QAM	3	0	21.44	21.48	21.44		
1.4	64QAM	3	1	21.40	21.48	21.33		
1.4	64QAM	3	3	21.39	21.42	21.49		
1.4	64QAM	6	0	20.47	20.50	20.41	21.6	1
1.4	256QAM	1	0	18.38	18.47	18.48	19.6	3
1.4	256QAM	1	3	18.34	18.52	18.40		
1.4	256QAM	1	5	18.34	18.45	18.40		
1.4	256QAM	3	0	18.39	18.45	18.34		
1.4	256QAM	3	1	18.35	18.50	18.42		
1.4	256QAM	3	3	18.35	18.47	18.48		
1.4	256QAM	6	0	18.43	18.55	18.38	19.6	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.87	23.06	22.82	24	0
20	QPSK	1	49	22.88	22.93	22.91		
20	QPSK	1	99	22.90	22.94	22.82		
20	QPSK	50	0	22.87	22.95	22.89	24	0
20	QPSK	50	24	22.88	22.92	22.88		
20	QPSK	50	50	22.84	22.90	22.81		
20	QPSK	100	0	22.90	22.94	22.81		
20	16QAM	1	0	22.86	22.95	22.86	24	0
20	16QAM	1	49	22.84	22.89	22.89		
20	16QAM	1	99	22.89	22.97	22.89		
20	16QAM	50	0	22.35	22.40	22.36	23.5	0.5
20	16QAM	50	24	22.36	22.37	22.35		
20	16QAM	50	50	22.43	22.42	22.37		
20	16QAM	100	0	22.36	22.45	22.40		
20	64QAM	1	0	22.36	22.39	22.32	23.5	0.5
20	64QAM	1	49	22.37	22.46	22.38		
20	64QAM	1	99	22.38	22.40	22.35		
20	64QAM	50	0	22.33	22.47	22.36	22.5	1.5
20	64QAM	50	24	22.36	22.38	22.37		
20	64QAM	50	50	22.38	22.46	22.37		
20	64QAM	100	0	22.34	22.48	22.31		
20	256QAM	1	0	19.41	19.40	19.35	20.5	3.5
20	256QAM	1	49	19.35	19.46	19.37		
20	256QAM	1	99	19.44	19.43	19.34		
20	256QAM	50	0	19.42	19.42	19.38	20.5	3.5
20	256QAM	50	24	19.44	19.43	19.31		
20	256QAM	50	50	19.38	19.38	19.37		
20	256QAM	100	0	19.36	19.44	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.88	22.72	24	0
15	QPSK	1	37	22.72	22.82	22.87		
15	QPSK	1	74	22.85	22.86	22.67		
15	QPSK	36	0	22.78	22.84	22.80	24	0
15	QPSK	36	20	22.72	22.83	22.73		
15	QPSK	36	39	22.74	22.76	22.68		
15	QPSK	75	0	22.83	22.79	22.69		
15	16QAM	1	0	22.70	22.85	22.80	24	0
15	16QAM	1	37	22.79	22.73	22.78		
15	16QAM	1	74	22.84	22.87	22.81		
15	16QAM	36	0	22.27	22.28	22.31	23.5	0.5
15	16QAM	36	20	22.27	22.32	22.28		
15	16QAM	36	39	22.29	22.36	22.23		
15	16QAM	75	0	22.32	22.37	22.34		
15	64QAM	1	0	22.28	22.26	22.21	23.5	0.5
15	64QAM	1	37	22.32	22.41	22.24		
15	64QAM	1	74	22.26	22.29	22.25		
15	64QAM	36	0	22.28	22.38	22.24	22.5	1.5
15	64QAM	36	20	22.27	22.25	22.31		
15	64QAM	36	39	22.32	22.40	22.29		
15	64QAM	75	0	22.28	22.33	22.18		
15	256QAM	1	0	19.27	19.24	19.22	20.5	3.5
15	256QAM	1	37	19.28	19.38	19.29		
15	256QAM	1	74	19.36	19.31	19.26		
15	256QAM	36	0	19.33	19.38	19.24	20.5	3.5
15	256QAM	36	20	19.37	19.37	19.25		
15	256QAM	36	39	19.32	19.29	19.31		
15	256QAM	75	0	19.21	19.31	19.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.88	22.76	24	0
10	QPSK	1	25	22.73	22.80	22.76		
10	QPSK	1	49	22.79	22.81	22.75		
10	QPSK	25	0	22.75	22.76	22.85	24	0
10	QPSK	25	12	22.83	22.81	22.83		
10	QPSK	25	25	22.68	22.86	22.77		
10	QPSK	50	0	22.83	22.84	22.66		
10	16QAM	1	0	22.79	22.86	22.70	24	0
10	16QAM	1	25	22.75	22.77	22.77		
10	16QAM	1	49	22.75	22.87	22.84		
10	16QAM	25	0	22.28	22.30	22.27	23.5	0.5
10	16QAM	25	12	22.30	22.22	22.23		
10	16QAM	25	25	22.34	22.35	22.28		
10	16QAM	50	0	22.26	22.36	22.29		
10	64QAM	1	0	22.32	22.33	22.20	23.5	0.5
10	64QAM	1	25	22.22	22.37	22.26		
10	64QAM	1	49	22.24	22.34	22.28		
10	64QAM	25	0	22.18	22.37	22.28	22.5	1.5
10	64QAM	25	12	22.21	22.25	22.25		
10	64QAM	25	25	22.24	22.38	22.33		
10	64QAM	50	0	22.25	22.44	22.21		
10	256QAM	1	0	19.27	19.26	19.25	20.5	3.5
10	256QAM	1	25	19.28	19.37	19.28		
10	256QAM	1	49	19.40	19.31	19.27		
10	256QAM	25	0	19.36	19.36	19.22	20.5	3.5
10	256QAM	25	12	19.30	19.38	19.18		
10	256QAM	25	25	19.22	19.23	19.23		
10	256QAM	50	0	19.31	19.40	19.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.80	22.86	22.73	24	0
5	QPSK	1	12	22.73	22.80	22.77		
5	QPSK	1	24	22.76	22.82	22.74		
5	QPSK	12	0	22.73	22.76	22.79	24	0
5	QPSK	12	7	22.79	22.79	22.74		
5	QPSK	12	13	22.78	22.78	22.71		
5	QPSK	25	0	22.83	22.81	22.73		
5	16QAM	1	0	22.78	22.90	22.73	24	0
5	16QAM	1	12	22.77	22.80	22.81		
5	16QAM	1	24	22.81	22.93	22.84		
5	16QAM	12	0	22.24	22.26	22.26	23.5	0.5
5	16QAM	12	7	22.31	22.27	22.24		
5	16QAM	12	13	22.36	22.37	22.26		
5	16QAM	25	0	22.25	22.34	22.28		
5	64QAM	1	0	22.25	22.28	22.25	23.5	0.5
5	64QAM	1	12	22.27	22.30	22.27		
5	64QAM	1	24	22.25	22.33	22.30		
5	64QAM	12	0	22.27	22.37	22.22	22.5	1.5
5	64QAM	12	7	22.27	22.24	22.28		
5	64QAM	12	13	22.27	22.40	22.33		
5	64QAM	25	0	22.19	22.35	22.18		
5	256QAM	1	0	19.36	19.29	19.21	20.5	3.5
5	256QAM	1	12	19.20	19.30	19.22		
5	256QAM	1	24	19.37	19.34	19.18		
5	256QAM	12	0	19.33	19.29	19.30	20.5	3.5
5	256QAM	12	7	19.29	19.28	19.16		
5	256QAM	12	13	19.27	19.28	19.30		
5	256QAM	25	0	19.28	19.32	19.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.78	22.82	22.71	24	0
3	QPSK	1	8	22.80	22.81	22.80		
3	QPSK	1	14	22.76	22.87	22.76		
3	QPSK	8	0	22.81	22.85	22.77	24	0
3	QPSK	8	4	22.72	22.83	22.75		
3	QPSK	8	7	22.76	22.82	22.74		
3	QPSK	15	0	22.75	22.82	22.70		
3	16QAM	1	0	22.78	22.80	22.77	24	0
3	16QAM	1	8	22.78	22.75	22.82		
3	16QAM	1	14	22.81	22.91	22.77		
3	16QAM	8	0	22.31	22.33	22.31	23.5	0.5
3	16QAM	8	4	22.31	22.26	22.31		
3	16QAM	8	7	22.36	22.36	22.31		
3	16QAM	15	0	22.25	22.34	22.31		
3	64QAM	1	0	22.26	22.24	22.21	23.5	0.5
3	64QAM	1	8	22.33	22.38	22.26		
3	64QAM	1	14	22.31	22.32	22.21		
3	64QAM	8	0	22.21	22.32	22.28	22.5	1.5
3	64QAM	8	4	22.29	22.32	22.22		
3	64QAM	8	7	22.32	22.35	22.32		
3	64QAM	15	0	22.19	22.38	22.20		
3	256QAM	1	0	19.31	19.34	19.30	20.5	3.5
3	256QAM	1	8	19.25	19.31	19.27		
3	256QAM	1	14	19.39	19.31	19.24		
3	256QAM	8	0	19.28	19.29	19.27	20.5	3.5
3	256QAM	8	4	19.33	19.38	19.24		
3	256QAM	8	7	19.33	19.28	19.21		
3	256QAM	15	0	19.27	19.28	19.20		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.72	22.77	22.69	24	0
1.4	QPSK	1	3	22.80	22.87	22.85		
1.4	QPSK	1	5	22.81	22.86	22.70		
1.4	QPSK	3	0	22.72	22.76	22.76		
1.4	QPSK	3	1	22.81	22.76	22.80		
1.4	QPSK	3	3	22.76	22.81	22.67		
1.4	QPSK	6	0	22.79	22.88	22.76	24	0
1.4	16QAM	1	0	22.71	22.89	22.72	24	0
1.4	16QAM	1	3	22.72	22.85	22.78		
1.4	16QAM	1	5	22.77	22.89	22.74		
1.4	16QAM	3	0	22.28	22.25	22.31		
1.4	16QAM	3	1	22.29	22.27	22.25		
1.4	16QAM	3	3	22.29	22.31	22.27		
1.4	16QAM	6	0	22.24	22.37	22.36	24	0
1.4	64QAM	1	0	22.23	22.30	22.18	24	0
1.4	64QAM	1	3	22.21	22.39	22.26		
1.4	64QAM	1	5	22.28	22.26	22.25		
1.4	64QAM	3	0	22.27	22.36	22.22		
1.4	64QAM	3	1	22.28	22.24	22.31		
1.4	64QAM	3	3	22.34	22.36	22.23		
1.4	64QAM	6	0	22.27	22.39	22.25	23	1
1.4	256QAM	1	0	19.25	19.28	19.22	21	3
1.4	256QAM	1	3	19.29	19.40	19.30		
1.4	256QAM	1	5	19.32	19.29	19.28		
1.4	256QAM	3	0	19.33	19.30	19.29		
1.4	256QAM	3	1	19.36	19.33	19.17		
1.4	256QAM	3	3	19.25	19.29	19.22		
1.4	256QAM	6	0	19.28	19.39	19.18	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.71	18.81	18.72	19.6	0
20	QPSK	1	49	18.60	18.77	18.66		
20	QPSK	1	99	18.60	18.70	18.70		
20	QPSK	50	0	18.61	18.78	18.66	19.6	0
20	QPSK	50	24	18.65	18.71	18.71		
20	QPSK	50	50	18.70	18.77	18.64		
20	QPSK	100	0	18.63	18.75	18.74		
20	16QAM	1	0	18.69	18.75	18.69	19.6	0
20	16QAM	1	49	18.64	18.77	18.69		
20	16QAM	1	99	18.64	18.71	18.69		
20	16QAM	50	0	18.71	18.74	18.66	19.6	0
20	16QAM	50	24	18.64	18.69	18.70		
20	16QAM	50	50	18.67	18.71	18.72		
20	16QAM	100	0	18.62	18.67	18.63		
20	64QAM	1	0	18.66	18.66	18.74	19.6	0
20	64QAM	1	49	18.64	18.74	18.66		
20	64QAM	1	99	18.66	18.78	18.66		
20	64QAM	50	0	18.68	18.70	18.64	19.6	0
20	64QAM	50	24	18.63	18.76	18.66		
20	64QAM	50	50	18.66	18.68	18.73		
20	64QAM	100	0	18.68	18.74	18.67		
20	256QAM	1	0	18.60	18.78	18.67	19.6	0
20	256QAM	1	49	18.62	18.71	18.69		
20	256QAM	1	99	18.66	18.76	18.63		
20	256QAM	50	0	18.65	18.76	18.70	19.6	0
20	256QAM	50	24	18.67	18.70	18.66		
20	256QAM	50	50	18.68	18.76	18.70		
20	256QAM	100	0	18.65	18.76	18.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.61	18.65	18.65	19.6	0
15	QPSK	1	37	18.48	18.63	18.51		
15	QPSK	1	74	18.48	18.64	18.55		
15	QPSK	36	0	18.47	18.68	18.53	19.6	0
15	QPSK	36	20	18.50	18.61	18.62		
15	QPSK	36	39	18.65	18.70	18.50		
15	QPSK	75	0	18.55	18.66	18.69		
15	16QAM	1	0	18.60	18.67	18.55	19.6	0
15	16QAM	1	37	18.54	18.68	18.53		
15	16QAM	1	74	18.49	18.56	18.59		
15	16QAM	36	0	18.63	18.58	18.55	19.6	0
15	16QAM	36	20	18.49	18.59	18.54		
15	16QAM	36	39	18.55	18.58	18.56		
15	16QAM	75	0	18.53	18.62	18.49		
15	64QAM	1	0	18.60	18.60	18.64	19.6	0
15	64QAM	1	37	18.53	18.69	18.56		
15	64QAM	1	74	18.59	18.68	18.59		
15	64QAM	36	0	18.58	18.64	18.57	19.6	0
15	64QAM	36	20	18.58	18.62	18.53		
15	64QAM	36	39	18.58	18.61	18.58		
15	64QAM	75	0	18.55	18.59	18.60		
15	256QAM	1	0	18.48	18.73	18.63	19.6	0
15	256QAM	1	37	18.57	18.63	18.57		
15	256QAM	1	74	18.51	18.62	18.57		
15	256QAM	36	0	18.54	18.63	18.55	19.6	0
15	256QAM	36	20	18.62	18.65	18.61		
15	256QAM	36	39	18.53	18.63	18.56		
15	256QAM	75	0	18.59	18.62	18.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.65	18.60	18.68	19.6	0
10	QPSK	1	25	18.46	18.62	18.56		
10	QPSK	1	49	18.48	18.56	18.57		
10	QPSK	25	0	18.50	18.62	18.61	19.6	0
10	QPSK	25	12	18.49	18.56	18.66		
10	QPSK	25	25	18.55	18.70	18.53		
10	QPSK	50	0	18.50	18.63	18.62		
10	16QAM	1	0	18.55	18.64	18.57	19.6	0
10	16QAM	1	25	18.59	18.68	18.61		
10	16QAM	1	49	18.51	18.66	18.54		
10	16QAM	25	0	18.59	18.68	18.55	19.6	0
10	16QAM	25	12	18.54	18.59	18.64		
10	16QAM	25	25	18.60	18.56	18.66		
10	16QAM	50	0	18.58	18.61	18.50		
10	64QAM	1	0	18.50	18.53	18.68	19.6	0
10	64QAM	1	25	18.55	18.66	18.57		
10	64QAM	1	49	18.56	18.73	18.62		
10	64QAM	25	0	18.64	18.57	18.58	19.6	0
10	64QAM	25	12	18.47	18.66	18.59		
10	64QAM	25	25	18.52	18.62	18.63		
10	64QAM	50	0	18.58	18.67	18.62		
10	256QAM	1	0	18.47	18.69	18.57	19.6	0
10	256QAM	1	25	18.51	18.56	18.58		
10	256QAM	1	49	18.54	18.69	18.51		
10	256QAM	25	0	18.54	18.72	18.60	19.6	0
10	256QAM	25	12	18.54	18.55	18.57		
10	256QAM	25	25	18.64	18.68	18.65		
10	256QAM	50	0	18.55	18.68	18.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.63	18.57	18.57	19.6	0
5	QPSK	1	12	18.48	18.66	18.52		
5	QPSK	1	24	18.51	18.57	18.60		
5	QPSK	12	0	18.51	18.65	18.58	19.6	0
5	QPSK	12	7	18.61	18.63	18.61		
5	QPSK	12	13	18.62	18.64	18.50		
5	QPSK	25	0	18.57	18.59	18.66		
5	16QAM	1	0	18.59	18.63	18.63	19.6	0
5	16QAM	1	12	18.51	18.65	18.61		
5	16QAM	1	24	18.55	18.59	18.62		
5	16QAM	12	0	18.60	18.58	18.58	19.6	0
5	16QAM	12	7	18.51	18.60	18.64		
5	16QAM	12	13	18.56	18.61	18.57		
5	16QAM	25	0	18.56	18.57	18.53		
5	64QAM	1	0	18.51	18.57	18.60	19.6	0
5	64QAM	1	12	18.58	18.58	18.53		
5	64QAM	1	24	18.62	18.72	18.53		
5	64QAM	12	0	18.62	18.62	18.50	19.6	0
5	64QAM	12	7	18.54	18.67	18.57		
5	64QAM	12	13	18.61	18.55	18.65		
5	64QAM	25	0	18.54	18.59	18.56		
5	256QAM	1	0	18.47	18.73	18.59	19.6	0
5	256QAM	1	12	18.54	18.66	18.59		
5	256QAM	1	24	18.59	18.62	18.56		
5	256QAM	12	0	18.58	18.64	18.55	19.6	0
5	256QAM	12	7	18.55	18.65	18.52		
5	256QAM	12	13	18.55	18.60	18.59		
5	256QAM	25	0	18.54	18.70	18.53		

Band 25 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.98	20.21	20.07	21.2	0
20	QPSK	1	49	20.04	20.07	20.09		
20	QPSK	1	99	19.98	20.14	20.09		
20	QPSK	50	0	20.02	20.15	20.03	21.2	0
20	QPSK	50	24	20.02	20.07	20.06		
20	QPSK	50	50	20.07	20.09	20.12		
20	QPSK	100	0	20.05	20.08	20.07		
20	16QAM	1	0	19.98	20.08	20.11	21.2	0
20	16QAM	1	49	20.02	20.03	20.01		
20	16QAM	1	99	20.07	20.13	20.03		
20	16QAM	50	0	19.99	20.05	20.05	21.2	0
20	16QAM	50	24	19.97	20.12	20.07		
20	16QAM	50	50	19.98	20.06	20.03		
20	16QAM	100	0	20.04	20.14	20.02		
20	64QAM	1	0	20.08	20.13	20.10	21.2	0
20	64QAM	1	49	19.98	20.05	20.12		
20	64QAM	1	99	19.96	20.09	20.06		
20	64QAM	50	0	20.00	20.06	20.05	21.2	0
20	64QAM	50	24	20.06	20.08	20.01		
20	64QAM	50	50	20.01	20.11	20.05		
20	64QAM	100	0	20.08	20.04	20.02		
20	256QAM	1	0	18.58	18.62	18.52	19.7	1.5
20	256QAM	1	49	18.50	18.53	18.55		
20	256QAM	1	99	18.50	18.64	18.53		
20	256QAM	50	0	18.57	18.56	18.58	19.7	1.5
20	256QAM	50	24	18.51	18.53	18.55		
20	256QAM	50	50	18.56	18.61	18.59		
20	256QAM	100	0	18.55	18.54	18.57		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.83	20.00	19.93	21.2	0
15	QPSK	1	37	19.96	19.96	20.03		
15	QPSK	1	74	19.86	20.06	20.00		
15	QPSK	36	0	19.97	19.96	19.95	21.2	0
15	QPSK	36	20	19.96	19.94	19.91		
15	QPSK	36	39	20.00	19.94	20.05		
15	QPSK	75	0	19.98	19.95	19.95		
15	16QAM	1	0	19.85	20.03	19.98	21.2	0
15	16QAM	1	37	19.93	19.94	19.95		
15	16QAM	1	74	19.96	20.04	19.94		
15	16QAM	36	0	19.95	19.90	19.90	21.2	0
15	16QAM	36	20	19.90	19.98	19.91		
15	16QAM	36	39	19.93	19.92	19.94		
15	16QAM	75	0	20.00	20.06	19.92		
15	64QAM	1	0	19.94	19.98	20.01	21.2	0
15	64QAM	1	37	19.86	19.94	20.02		
15	64QAM	1	74	19.81	19.97	19.95		
15	64QAM	36	0	19.92	19.92	19.93	21.2	0
15	64QAM	36	20	19.96	19.95	19.97		
15	64QAM	36	39	19.86	20.06	19.97		
15	64QAM	75	0	19.96	19.90	19.94		
15	256QAM	1	0	18.43	18.56	18.38	19.7	1.5
15	256QAM	1	37	18.39	18.40	18.45		
15	256QAM	1	74	18.40	18.50	18.43		
15	256QAM	36	0	18.47	18.50	18.42	19.7	1.5
15	256QAM	36	20	18.36	18.47	18.40		
15	256QAM	36	39	18.42	18.55	18.51		
15	256QAM	75	0	18.50	18.44	18.45		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.82	19.96	19.96	21.2	0
10	QPSK	1	25	19.98	19.97	20.01		
10	QPSK	1	49	19.85	20.02	19.94		
10	QPSK	25	0	19.94	19.94	19.96	21.2	0
10	QPSK	25	12	19.89	19.93	19.92		
10	QPSK	25	25	19.94	20.03	19.99		
10	QPSK	50	0	19.97	19.93	20.01		
10	16QAM	1	0	19.84	20.00	19.97	21.2	0
10	16QAM	1	25	19.91	19.96	19.90		
10	16QAM	1	49	19.96	20.01	19.88		
10	16QAM	25	0	19.95	19.99	19.94	21.2	0
10	16QAM	25	12	19.93	19.97	20.02		
10	16QAM	25	25	19.86	19.90	19.96		
10	16QAM	50	0	19.93	20.01	19.88		
10	64QAM	1	0	20.02	20.06	20.04	21.2	0
10	64QAM	1	25	19.86	19.98	20.04		
10	64QAM	1	49	19.89	19.93	20.02		
10	64QAM	25	0	19.93	19.96	19.93	21.2	0
10	64QAM	25	12	19.92	20.02	19.88		
10	64QAM	25	25	19.93	20.02	19.97		
10	64QAM	50	0	20.03	19.94	19.95		
10	256QAM	1	0	18.47	18.52	18.42	19.7	1.5
10	256QAM	1	25	18.45	18.46	18.42		
10	256QAM	1	49	18.34	18.54	18.47		
10	256QAM	25	0	18.49	18.45	18.52	19.7	1.5
10	256QAM	25	12	18.43	18.38	18.44		
10	256QAM	25	25	18.50	18.51	18.54		
10	256QAM	50	0	18.39	18.46	18.52		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.86	20.05	19.96	21.2	0
5	QPSK	1	12	19.93	19.96	19.99		
5	QPSK	1	24	19.85	20.05	19.99		
5	QPSK	12	0	19.95	19.98	19.97	21.2	0
5	QPSK	12	7	19.96	19.92	19.91		
5	QPSK	12	13	20.03	19.95	20.03		
5	QPSK	25	0	19.93	20.01	19.91		
5	16QAM	1	0	19.91	20.03	19.99	21.2	0
5	16QAM	1	12	19.92	19.96	19.94		
5	16QAM	1	24	20.00	20.07	19.96		
5	16QAM	12	0	19.86	19.94	20.00	21.2	0
5	16QAM	12	7	19.92	20.06	20.00		
5	16QAM	12	13	19.94	20.01	19.94		
5	16QAM	25	0	19.89	20.08	19.87		
5	64QAM	1	0	19.99	19.99	20.03	21.2	0
5	64QAM	1	12	19.87	19.96	20.06		
5	64QAM	1	24	19.86	19.94	19.99		
5	64QAM	12	0	19.89	19.93	19.97	21.2	0
5	64QAM	12	7	19.93	19.96	19.95		
5	64QAM	12	13	19.85	20.06	19.95		
5	64QAM	25	0	20.02	19.98	19.93		
5	256QAM	1	0	18.49	18.52	18.47	19.7	1.5
5	256QAM	1	12	18.37	18.40	18.45		
5	256QAM	1	24	18.36	18.58	18.40		
5	256QAM	12	0	18.41	18.45	18.53	19.7	1.5
5	256QAM	12	7	18.36	18.39	18.45		
5	256QAM	12	13	18.48	18.56	18.43		
5	256QAM	25	0	18.44	18.41	18.45		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.91	20.05	19.97	21.2	0
3	QPSK	1	8	19.92	19.91	19.97		
3	QPSK	1	14	19.88	20.00	20.01		
3	QPSK	8	0	19.97	19.96	19.97	21.2	0
3	QPSK	8	4	19.94	19.94	19.97		
3	QPSK	8	7	19.99	19.99	19.97		
3	QPSK	15	0	19.99	19.95	19.92		
3	16QAM	1	0	19.82	20.03	20.04	21.2	0
3	16QAM	1	8	19.94	19.87	19.86		
3	16QAM	1	14	19.97	19.98	19.98		
3	16QAM	8	0	19.84	19.96	20.00	21.2	0
3	16QAM	8	4	19.84	20.01	20.03		
3	16QAM	8	7	19.89	19.99	19.91		
3	16QAM	15	0	19.89	20.05	19.88		
3	64QAM	1	0	20.03	19.99	19.95	21.2	0
3	64QAM	1	8	19.88	20.01	20.05		
3	64QAM	1	14	19.84	19.94	19.94		
3	64QAM	8	0	19.85	19.96	19.90	21.2	0
3	64QAM	8	4	19.91	19.94	19.92		
3	64QAM	8	7	19.85	19.95	19.98		
3	64QAM	15	0	20.03	19.96	19.92		
3	256QAM	1	0	18.46	18.47	18.41	19.7	1.5
3	256QAM	1	8	18.45	18.39	18.46		
3	256QAM	1	14	18.45	18.50	18.41		
3	256QAM	8	0	18.43	18.49	18.52	19.7	1.5
3	256QAM	8	4	18.46	18.41	18.48		
3	256QAM	8	7	18.48	18.47	18.46		
3	256QAM	15	0	18.40	18.43	18.49		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.82	19.96	20.00	21.2	0
1.4	QPSK	1	3	19.99	19.99	19.95		
1.4	QPSK	1	5	19.91	20.07	19.98		
1.4	QPSK	3	0	19.95	20.01	19.93		
1.4	QPSK	3	1	19.88	20.00	20.00		
1.4	QPSK	3	3	19.95	19.95	20.04		
1.4	QPSK	6	0	19.93	19.96	19.91	21.2	0
1.4	16QAM	1	0	19.82	19.93	20.04	21.2	0
1.4	16QAM	1	3	19.96	19.96	19.94		
1.4	16QAM	1	5	20.02	20.00	19.93		
1.4	16QAM	3	0	19.94	19.93	19.89		
1.4	16QAM	3	1	19.87	19.96	20.00		
1.4	16QAM	3	3	19.88	19.96	19.93		
1.4	16QAM	6	0	19.99	20.10	19.89	21.2	0
1.4	64QAM	1	0	19.96	19.97	20.00	21.2	0
1.4	64QAM	1	3	19.91	19.94	20.00		
1.4	64QAM	1	5	19.81	19.94	19.91		
1.4	64QAM	3	0	19.90	19.95	19.97		
1.4	64QAM	3	1	19.98	19.99	19.90		
1.4	64QAM	3	3	19.87	20.01	19.96		
1.4	64QAM	6	0	19.96	19.99	19.87	21.2	0
1.4	256QAM	1	0	18.44	18.57	18.46	19.7	1.5
1.4	256QAM	1	3	18.38	18.46	18.46		
1.4	256QAM	1	5	18.36	18.57	18.40		
1.4	256QAM	3	0	18.46	18.46	18.51		
1.4	256QAM	3	1	18.47	18.38	18.49		
1.4	256QAM	3	3	18.43	18.45	18.55		
1.4	256QAM	6	0	18.47	18.46	18.49	19.7	1.5

Band 66 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.98	22.06	22.06	23	0
20	QPSK	1	49	22.06	22.15	22.01		
20	QPSK	1	99	22.02	22.11	22.03		
20	QPSK	50	0	22.08	22.07	22.08	23	0
20	QPSK	50	24	22.02	22.06	21.99		
20	QPSK	50	50	22.08	22.05	22.03		
20	QPSK	100	0	22.06	22.05	22.01		
20	16QAM	1	0	21.99	22.15	21.99	23	0
20	16QAM	1	49	22.08	22.05	22.11		
20	16QAM	1	99	22.03	22.06	22.02		
20	16QAM	50	0	21.55	21.64	21.50	22.5	0.5
20	16QAM	50	24	21.51	21.55	21.55		
20	16QAM	50	50	21.50	21.55	21.52		
20	16QAM	100	0	21.55	21.63	21.59		
20	64QAM	1	0	21.51	21.65	21.53	22.5	0.5
20	64QAM	1	49	21.58	21.55	21.58		
20	64QAM	1	99	21.47	21.58	21.57		
20	64QAM	50	0	20.49	20.60	20.55	21.5	1.5
20	64QAM	50	24	20.48	20.57	20.61		
20	64QAM	50	50	20.49	20.58	20.49		
20	64QAM	100	0	20.55	20.64	20.52		
20	256QAM	1	0	18.50	18.64	18.51	19.5	3.5
20	256QAM	1	49	18.48	18.55	18.57		
20	256QAM	1	99	18.52	18.57	18.49		
20	256QAM	50	0	18.56	18.61	18.58	19.5	3.5
20	256QAM	50	24	18.58	18.57	18.51		
20	256QAM	50	50	18.49	18.58	18.60		
20	256QAM	100	0	18.47	18.62	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.93	22.00	21.93	23	0
15	QPSK	1	37	21.95	22.08	21.93		
15	QPSK	1	74	21.86	22.01	21.98		
15	QPSK	36	0	21.92	22.01	22.04	23	0
15	QPSK	36	20	21.93	22.00	21.87		
15	QPSK	36	39	21.95	21.98	21.94		
15	QPSK	75	0	21.97	21.97	21.90		
15	16QAM	1	0	21.86	22.01	21.88	23	0
15	16QAM	1	37	22.00	21.95	22.05		
15	16QAM	1	74	21.88	22.00	21.96		
15	16QAM	36	0	21.41	21.56	21.41	22.5	0.5
15	16QAM	36	20	21.39	21.50	21.49		
15	16QAM	36	39	21.34	21.49	21.40		
15	16QAM	75	0	21.46	21.56	21.50		
15	64QAM	1	0	21.40	21.57	21.42	22.5	0.5
15	64QAM	1	37	21.49	21.44	21.43		
15	64QAM	1	74	21.34	21.48	21.45		
15	64QAM	36	0	20.38	20.53	20.50	21.5	1.5
15	64QAM	36	20	20.36	20.45	20.49		
15	64QAM	36	39	20.43	20.45	20.39		
15	64QAM	75	0	20.40	20.50	20.39		
15	256QAM	1	0	18.36	18.55	18.36	19.5	3.5
15	256QAM	1	37	18.36	18.48	18.50		
15	256QAM	1	74	18.39	18.46	18.38		
15	256QAM	36	0	18.44	18.48	18.49	19.5	3.5
15	256QAM	36	20	18.42	18.42	18.43		
15	256QAM	36	39	18.40	18.50	18.48		
15	256QAM	75	0	18.43	18.53	18.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.92	21.93	21.96	23	0
10	QPSK	1	25	21.91	22.01	21.95		
10	QPSK	1	49	21.90	21.98	21.98		
10	QPSK	25	0	21.93	21.98	21.93	23	0
10	QPSK	25	12	21.96	22.00	21.89		
10	QPSK	25	25	21.93	21.97	21.97		
10	QPSK	50	0	21.91	21.97	21.91		
10	16QAM	1	0	21.94	22.11	21.94	23	0
10	16QAM	1	25	21.99	21.90	22.05		
10	16QAM	1	49	21.93	21.92	21.97		
10	16QAM	25	0	21.47	21.50	21.38	22.5	0.5
10	16QAM	25	12	21.40	21.47	21.42		
10	16QAM	25	25	21.43	21.44	21.38		
10	16QAM	50	0	21.42	21.59	21.55		
10	64QAM	1	0	21.37	21.50	21.49	22.5	0.5
10	64QAM	1	25	21.42	21.47	21.44		
10	64QAM	1	49	21.31	21.48	21.42		
10	64QAM	25	0	20.42	20.53	20.50	21.5	1.5
10	64QAM	25	12	20.33	20.48	20.51		
10	64QAM	25	25	20.39	20.52	20.34		
10	64QAM	50	0	20.45	20.58	20.43		
10	256QAM	1	0	18.38	18.58	18.42	19.5	3.5
10	256QAM	1	25	18.35	18.39	18.47		
10	256QAM	1	49	18.42	18.46	18.34		
10	256QAM	25	0	18.44	18.46	18.51	19.5	3.5
10	256QAM	25	12	18.47	18.53	18.43		
10	256QAM	25	25	18.34	18.53	18.55		
10	256QAM	50	0	18.35	18.57	18.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.83	21.94	21.91	23	0
5	QPSK	1	12	21.97	22.11	21.86		
5	QPSK	1	24	21.89	21.96	21.89		
5	QPSK	12	0	21.93	21.92	21.99	23	0
5	QPSK	12	7	21.88	21.97	21.94		
5	QPSK	12	13	21.93	22.01	21.88		
5	QPSK	25	0	22.01	21.93	21.95		
5	16QAM	1	0	21.88	22.08	21.90	23	0
5	16QAM	1	12	22.01	21.92	22.06		
5	16QAM	1	24	21.88	21.97	21.95		
5	16QAM	12	0	21.46	21.51	21.41	22.5	0.5
5	16QAM	12	7	21.36	21.44	21.41		
5	16QAM	12	13	21.35	21.45	21.48		
5	16QAM	25	0	21.41	21.56	21.50		
5	64QAM	1	0	21.39	21.50	21.47	22.5	0.5
5	64QAM	1	12	21.43	21.48	21.44		
5	64QAM	1	24	21.40	21.53	21.45		
5	64QAM	12	0	20.41	20.50	20.50	21.5	1.5
5	64QAM	12	7	20.34	20.48	20.48		
5	64QAM	12	13	20.38	20.43	20.38		
5	64QAM	25	0	20.45	20.54	20.45		
5	256QAM	1	0	18.42	18.56	18.35	19.5	3.5
5	256QAM	1	12	18.42	18.48	18.53		
5	256QAM	1	24	18.40	18.52	18.40		
5	256QAM	12	0	18.42	18.48	18.47	19.5	3.5
5	256QAM	12	7	18.47	18.49	18.35		
5	256QAM	12	13	18.43	18.44	18.51		
5	256QAM	25	0	18.35	18.53	18.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.92	21.98	21.90	23	0
3	QPSK	1	8	21.97	22.02	21.96		
3	QPSK	1	14	21.93	22.02	21.91		
3	QPSK	8	0	22.01	22.03	21.93	23	0
3	QPSK	8	4	21.90	21.96	21.84		
3	QPSK	8	7	22.00	21.98	21.96		
3	QPSK	15	0	22.01	21.93	21.89		
3	16QAM	1	0	21.92	22.06	21.94	23	0
3	16QAM	1	8	21.95	21.98	22.00		
3	16QAM	1	14	21.92	21.97	21.95		
3	16QAM	8	0	21.50	21.51	21.42	22.5	0.5
3	16QAM	8	4	21.40	21.49	21.39		
3	16QAM	8	7	21.35	21.41	21.48		
3	16QAM	15	0	21.46	21.56	21.48		
3	64QAM	1	0	21.45	21.57	21.38	22.5	0.5
3	64QAM	1	8	21.43	21.50	21.51		
3	64QAM	1	14	21.42	21.53	21.45		
3	64QAM	8	0	20.36	20.49	20.44	21.5	1.5
3	64QAM	8	4	20.40	20.50	20.54		
3	64QAM	8	7	20.34	20.49	20.39		
3	64QAM	15	0	20.47	20.54	20.48		
3	256QAM	1	0	18.39	18.53	18.41	19.5	3.5
3	256QAM	1	8	18.35	18.50	18.41		
3	256QAM	1	14	18.40	18.47	18.43		
3	256QAM	8	0	18.49	18.46	18.44	19.5	3.5
3	256QAM	8	4	18.49	18.51	18.46		
3	256QAM	8	7	18.36	18.53	18.45		
3	256QAM	15	0	18.36	18.51	18.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.94	21.94	21.90	23	0
1.4	QPSK	1	3	21.95	22.05	21.86		
1.4	QPSK	1	5	21.93	22.05	21.94		
1.4	QPSK	3	0	21.98	21.92	22.03		
1.4	QPSK	3	1	21.88	21.97	21.86		
1.4	QPSK	3	3	22.03	22.01	21.96		
1.4	QPSK	6	0	21.97	21.97	21.97	23	0
1.4	16QAM	1	0	21.90	22.07	21.86	23	0
1.4	16QAM	1	3	22.03	21.91	22.06		
1.4	16QAM	1	5	21.90	21.98	21.96		
1.4	16QAM	3	0	21.47	21.56	21.42		
1.4	16QAM	3	1	21.39	21.51	21.42		
1.4	16QAM	3	3	21.43	21.41	21.44		
1.4	16QAM	6	0	21.49	21.55	21.52	23	0
1.4	64QAM	1	0	21.41	21.50	21.45	23	0
1.4	64QAM	1	3	21.53	21.44	21.44		
1.4	64QAM	1	5	21.38	21.50	21.52		
1.4	64QAM	3	0	21.92	21.95	21.98		
1.4	64QAM	3	1	21.97	22.06	21.91		
1.4	64QAM	3	3	21.91	22.06	21.93		
1.4	64QAM	6	0	20.46	20.56	20.44	22	1
1.4	256QAM	1	0	18.39	18.53	18.46	20	3
1.4	256QAM	1	3	18.36	18.41	18.45		
1.4	256QAM	1	5	18.40	18.50	18.34		
1.4	256QAM	3	0	18.50	18.50	18.44		
1.4	256QAM	3	1	18.53	18.44	18.42		
1.4	256QAM	3	3	18.44	18.43	18.52		
1.4	256QAM	6	0	18.33	18.56	18.39	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.55	20.75	20.49	21.5	0
20	QPSK	1	49	20.54	20.60	20.56		
20	QPSK	1	99	20.57	20.68	20.61		
20	QPSK	50	0	20.53	20.67	20.57	21.5	0
20	QPSK	50	24	20.65	20.63	20.56		
20	QPSK	50	50	20.59	20.67	20.56		
20	QPSK	100	0	20.62	20.63	20.58		
20	16QAM	1	0	20.57	20.60	20.55	21.5	0
20	16QAM	1	49	20.55	20.69	20.54		
20	16QAM	1	99	20.59	20.64	20.52		
20	16QAM	50	0	20.58	20.62	20.61	21.5	0
20	16QAM	50	24	20.57	20.61	20.60		
20	16QAM	50	50	20.56	20.67	20.52		
20	16QAM	100	0	20.57	20.71	20.57		
20	64QAM	1	0	20.61	20.67	20.55	21.5	0
20	64QAM	1	49	20.63	20.64	20.51		
20	64QAM	1	99	20.59	20.71	20.60		
20	64QAM	50	0	20.55	20.61	20.52	21.5	0
20	64QAM	50	24	20.62	20.62	20.51		
20	64QAM	50	50	20.62	20.67	20.53		
20	64QAM	100	0	20.56	20.62	20.58		
20	256QAM	1	0	19.63	19.65	19.52	20.5	1
20	256QAM	1	49	19.53	19.69	19.61		
20	256QAM	1	99	19.55	19.62	19.54		
20	256QAM	50	0	19.54	19.64	19.58	20.5	1
20	256QAM	50	24	19.65	19.71	19.56		
20	256QAM	50	50	19.63	19.67	19.52		
20	256QAM	100	0	19.60	19.70	19.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.57	20.36	21.5	0
15	QPSK	1	37	20.45	20.51	20.50		
15	QPSK	1	74	20.46	20.58	20.54		
15	QPSK	36	0	20.39	20.51	20.47	21.5	0
15	QPSK	36	20	20.58	20.51	20.40		
15	QPSK	36	39	20.55	20.52	20.44		
15	QPSK	75	0	20.51	20.49	20.49		
15	16QAM	1	0	20.44	20.46	20.49	21.5	0
15	16QAM	1	37	20.41	20.60	20.42		
15	16QAM	1	74	20.54	20.51	20.48		
15	16QAM	36	0	20.46	20.58	20.54	21.5	0
15	16QAM	36	20	20.44	20.56	20.54		
15	16QAM	36	39	20.49	20.62	20.40		
15	16QAM	75	0	20.42	20.58	20.44		
15	64QAM	1	0	20.53	20.51	20.46	21.5	0
15	64QAM	1	37	20.53	20.58	20.47		
15	64QAM	1	74	20.52	20.57	20.47		
15	64QAM	36	0	20.51	20.50	20.38	21.5	0
15	64QAM	36	20	20.56	20.50	20.46		
15	64QAM	36	39	20.50	20.57	20.47		
15	64QAM	75	0	20.51	20.48	20.45		
15	256QAM	1	0	19.51	19.50	19.36	20.5	1
15	256QAM	1	37	19.39	19.62	19.52		
15	256QAM	1	74	19.40	19.50	19.48		
15	256QAM	36	0	19.40	19.52	19.48	20.5	1
15	256QAM	36	20	19.49	19.64	19.47		
15	256QAM	36	39	19.55	19.62	19.47		
15	256QAM	75	0	19.50	19.54	19.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.40	20.59	20.38	21.5	0
10	QPSK	1	25	20.45	20.51	20.45		
10	QPSK	1	49	20.50	20.53	20.53		
10	QPSK	25	0	20.48	20.56	20.51	21.5	0
10	QPSK	25	12	20.53	20.55	20.44		
10	QPSK	25	25	20.52	20.59	20.51		
10	QPSK	50	0	20.55	20.49	20.53		
10	16QAM	1	0	20.53	20.55	20.48	21.5	0
10	16QAM	1	25	20.45	20.64	20.43		
10	16QAM	1	49	20.48	20.54	20.36		
10	16QAM	25	0	20.52	20.51	20.50	21.5	0
10	16QAM	25	12	20.41	20.53	20.50		
10	16QAM	25	25	20.48	20.54	20.46		
10	16QAM	50	0	20.50	20.65	20.52		
10	64QAM	1	0	20.51	20.62	20.42	21.5	0
10	64QAM	1	25	20.48	20.55	20.41		
10	64QAM	1	49	20.48	20.65	20.54		
10	64QAM	25	0	20.42	20.57	20.40	21.5	0
10	64QAM	25	12	20.50	20.53	20.40		
10	64QAM	25	25	20.51	20.51	20.41		
10	64QAM	50	0	20.43	20.47	20.44		
10	256QAM	1	0	19.58	19.52	19.41	20.5	1
10	256QAM	1	25	19.39	19.61	19.45		
10	256QAM	1	49	19.44	19.51	19.46		
10	256QAM	25	0	19.44	19.51	19.47	20.5	1
10	256QAM	25	12	19.52	19.66	19.44		
10	256QAM	25	25	19.49	19.56	19.43		
10	256QAM	50	0	19.45	19.60	19.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.41	20.57	20.40	21.5	0
5	QPSK	1	12	20.38	20.50	20.45		
5	QPSK	1	24	20.41	20.57	20.47		
5	QPSK	12	0	20.38	20.55	20.49	21.5	0
5	QPSK	12	7	20.51	20.52	20.42		
5	QPSK	12	13	20.46	20.61	20.43		
5	QPSK	25	0	20.49	20.47	20.51		
5	16QAM	1	0	20.51	20.44	20.46	21.5	0
5	16QAM	1	12	20.40	20.59	20.49		
5	16QAM	1	24	20.47	20.53	20.39		
5	16QAM	12	0	20.46	20.50	20.52	21.5	0
5	16QAM	12	7	20.44	20.45	20.47		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.43	20.55	20.42		
5	64QAM	1	0	20.47	20.58	20.49	21.5	0
5	64QAM	1	12	20.57	20.58	20.39		
5	64QAM	1	24	20.49	20.58	20.45		
5	64QAM	12	0	20.41	20.52	20.38	21.5	0
5	64QAM	12	7	20.50	20.47	20.38		
5	64QAM	12	13	20.53	20.57	20.38		
5	64QAM	25	0	20.51	20.54	20.48		
5	256QAM	1	0	19.50	19.55	19.37	20.5	1
5	256QAM	1	12	19.42	19.58	19.50		
5	256QAM	1	24	19.49	19.48	19.42		
5	256QAM	12	0	19.38	19.54	19.53	20.5	1
5	256QAM	12	7	19.59	19.64	19.44		
5	256QAM	12	13	19.58	19.57	19.42		
5	256QAM	25	0	19.51	19.65	19.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.25	20.44	20.49	20.27	20.27	21.4	0
20	QPSK	1	49	20.33	20.41	20.47	20.26	20.29		
20	QPSK	1	99	20.25	20.43	20.37	20.29	20.31		
20	QPSK	50	0	20.33	20.35	20.46	20.31	20.28	21.4	0
20	QPSK	50	24	20.26	20.42	20.45	20.32	20.28		
20	QPSK	50	50	20.32	20.35	20.42	20.29	20.23		
20	QPSK	100	0	20.25	20.43	20.48	20.27	20.27		
20	16QAM	1	0	20.32	20.43	20.36	20.31	20.27	21.4	0
20	16QAM	1	49	20.31	20.33	20.47	20.29	20.21		
20	16QAM	1	99	20.35	20.33	20.44	20.28	20.26		
20	16QAM	50	0	20.35	20.37	20.42	20.35	20.22	21.4	0
20	16QAM	50	24	20.25	20.41	20.47	20.28	20.27		
20	16QAM	50	50	20.37	20.40	20.44	20.31	20.23		
20	16QAM	100	0	20.25	20.43	20.41	20.30	20.25		
20	64QAM	1	0	20.30	20.42	20.38	20.26	20.27	21.4	0
20	64QAM	1	49	20.37	20.41	20.41	20.36	20.31		
20	64QAM	1	99	20.27	20.37	20.37	20.27	20.29		
20	64QAM	50	0	20.29	20.32	20.43	20.37	20.19	21.4	0
20	64QAM	50	24	20.36	20.37	20.36	20.26	20.26		
20	64QAM	50	50	20.30	20.40	20.45	20.27	20.28		
20	64QAM	100	0	20.27	20.33	20.39	20.32	20.21		
20	256QAM	1	0	19.25	19.34	19.42	19.31	19.22	20.4	1
20	256QAM	1	49	19.32	19.40	19.40	19.31	19.31		
20	256QAM	1	99	19.34	19.34	19.46	19.33	19.30		
20	256QAM	50	0	19.32	19.40	19.42	19.37	19.29	20.4	1
20	256QAM	50	24	19.35	19.38	19.39	19.33	19.31		
20	256QAM	50	50	19.31	19.39	19.40	19.27	19.19		
20	256QAM	100	0	19.31	19.37	19.38	19.27	19.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.39	20.32	20.12	20.13	21.40	0
15	QPSK	1	37	20.23	20.27	20.36	20.14	20.21		
15	QPSK	1	74	20.11	20.31	20.22	20.13	20.17		
15	QPSK	36	0	20.23	20.29	20.34	20.21	20.19	21.4	0
15	QPSK	36	20	20.11	20.29	20.35	20.25	20.22		
15	QPSK	36	39	20.25	20.27	20.35	20.19	20.18		
15	QPSK	75	0	20.18	20.37	20.43	20.16	20.16		
15	16QAM	1	0	20.18	20.34	20.22	20.22	20.13	21.4	0
15	16QAM	1	37	20.22	20.22	20.41	20.21	20.09		
15	16QAM	1	74	20.21	20.23	20.32	20.16	20.16		
15	16QAM	36	0	20.22	20.33	20.26	20.27	20.12	21.4	0
15	16QAM	36	20	20.17	20.36	20.33	20.18	20.16		
15	16QAM	36	39	20.29	20.26	20.28	20.22	20.10		
15	16QAM	75	0	20.10	20.35	20.29	20.21	20.13		
15	64QAM	1	0	20.23	20.30	20.24	20.11	20.12	21.4	0
15	64QAM	1	37	20.27	20.32	20.28	20.26	20.24		
15	64QAM	1	74	20.14	20.26	20.27	20.21	20.22		
15	64QAM	36	0	20.19	20.20	20.29	20.33	20.14	21.4	0
15	64QAM	36	20	20.26	20.30	20.23	20.19	20.17		
15	64QAM	36	39	20.26	20.25	20.29	20.12	20.18		
15	64QAM	75	0	20.18	20.24	20.27	20.19	20.14		
15	256QAM	1	0	19.16	19.19	19.32	19.17	19.15	20.4	1
15	256QAM	1	37	19.26	19.32	19.25	19.26	19.18		
15	256QAM	1	74	19.25	19.22	19.36	19.21	19.24		
15	256QAM	36	0	19.23	19.33	19.30	19.30	19.15	20.4	1
15	256QAM	36	20	19.27	19.31	19.30	19.22	19.23		
15	256QAM	36	39	19.23	19.30	19.32	19.15	19.05		
15	256QAM	75	0	19.21	19.31	19.30	19.17	19.14		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.14	20.31	20.34	20.15	20.17	21.40	0
10	QPSK	1	25	20.19	20.29	20.36	20.15	20.14		
10	QPSK	1	49	20.10	20.30	20.29	20.21	20.18		
10	QPSK	25	0	20.25	20.27	20.29	20.18	20.19	21.4	0
10	QPSK	25	12	20.14	20.31	20.38	20.25	20.21		
10	QPSK	25	25	20.20	20.23	20.26	20.24	20.10		
10	QPSK	50	0	20.12	20.31	20.35	20.16	20.15		
10	16QAM	1	0	20.18	20.35	20.26	20.19	20.18	21.4	0
10	16QAM	1	25	20.17	20.21	20.33	20.21	20.05		
10	16QAM	1	49	20.21	20.20	20.29	20.12	20.14		
10	16QAM	25	0	20.29	20.27	20.28	20.23	20.11	21.4	0
10	16QAM	25	12	20.19	20.28	20.38	20.16	20.15		
10	16QAM	25	25	20.32	20.35	20.33	20.19	20.16		
10	16QAM	50	0	20.15	20.34	20.32	20.15	20.10		
10	64QAM	1	0	20.23	20.28	20.24	20.13	20.22	21.4	0
10	64QAM	1	25	20.32	20.27	20.29	20.21	20.24		
10	64QAM	1	49	20.16	20.22	20.32	20.12	20.17		
10	64QAM	25	0	20.17	20.27	20.34	20.29	20.07	21.4	0
10	64QAM	25	12	20.27	20.33	20.27	20.14	20.13		
10	64QAM	25	25	20.17	20.28	20.36	20.19	20.16		
10	64QAM	50	0	20.18	20.26	20.29	20.26	20.14		
10	256QAM	1	0	19.14	19.22	19.37	19.26	19.13	20.4	1
10	256QAM	1	25	19.26	19.25	19.26	19.24	19.19		
10	256QAM	1	49	19.25	19.27	19.36	19.21	19.15		
10	256QAM	25	0	19.21	19.28	19.29	19.28	19.18	20.4	1
10	256QAM	25	12	19.19	19.23	19.34	19.28	19.24		
10	256QAM	25	25	19.23	19.34	19.30	19.12	19.03		
10	256QAM	50	0	19.18	19.25	19.28	19.13	19.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.10	20.33	20.33	20.12	20.22	21.40	0
5	QPSK	1	12	20.19	20.29	20.42	20.19	20.16		
5	QPSK	1	24	20.21	20.36	20.24	20.15	20.21		
5	QPSK	12	0	20.21	20.26	20.30	20.24	20.20	21.4	0
5	QPSK	12	7	20.16	20.35	20.35	20.19	20.16		
5	QPSK	12	13	20.26	20.31	20.34	20.16	20.14		
5	QPSK	25	0	20.19	20.34	20.41	20.19	20.17		
5	16QAM	1	0	20.17	20.28	20.26	20.21	20.11	21.4	0
5	16QAM	1	12	20.27	20.22	20.42	20.14	20.10		
5	16QAM	1	24	20.30	20.26	20.35	20.14	20.15		
5	16QAM	12	0	20.28	20.27	20.37	20.25	20.08	21.4	0
5	16QAM	12	7	20.10	20.27	20.33	20.16	20.16		
5	16QAM	12	13	20.27	20.34	20.38	20.27	20.17		
5	16QAM	25	0	20.19	20.35	20.27	20.17	20.19		
5	64QAM	1	0	20.19	20.26	20.24	20.13	20.15	21.4	0
5	64QAM	1	12	20.26	20.26	20.35	20.30	20.24		
5	64QAM	1	24	20.13	20.21	20.22	20.22	20.16		
5	64QAM	12	0	20.14	20.19	20.30	20.27	20.07	21.4	0
5	64QAM	12	7	20.30	20.33	20.31	20.18	20.21		
5	64QAM	12	13	20.15	20.35	20.30	20.14	20.13		
5	64QAM	25	0	20.14	20.27	20.27	20.26	20.16		
5	256QAM	1	0	19.12	19.24	19.27	19.25	19.08	20.4	1
5	256QAM	1	12	19.25	19.33	19.34	19.16	19.24		
5	256QAM	1	24	19.24	19.26	19.41	19.28	19.15		
5	256QAM	12	0	19.20	19.36	19.36	19.28	19.21	20.4	1
5	256QAM	12	7	19.23	19.33	19.30	19.18	19.17		
5	256QAM	12	13	19.24	19.26	19.30	19.18	19.11		
5	256QAM	25	0	19.19	19.24	19.28	19.15	19.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.73	20.88	20.74	21.5	0
20	QPSK	1	49	20.66	20.83	20.79		
20	QPSK	1	99	20.76	20.79	20.72		
20	QPSK	50	0	20.70	20.83	20.71	21.5	0
20	QPSK	50	24	20.67	20.78	20.79		
20	QPSK	50	50	20.76	20.80	20.75		
20	QPSK	100	0	20.76	20.80	20.74		
20	16QAM	1	0	20.65	20.79	20.70	21.5	0
20	16QAM	1	49	20.76	20.73	20.70		
20	16QAM	1	99	20.70	20.84	20.69		
20	16QAM	50	0	20.75	20.84	20.76	21.5	0
20	16QAM	50	24	20.69	20.81	20.72		
20	16QAM	50	50	20.70	20.83	20.78		
20	16QAM	100	0	20.74	20.77	20.76		
20	64QAM	1	0	20.67	20.85	20.78	21.5	0
20	64QAM	1	49	20.76	20.75	20.76		
20	64QAM	1	99	20.75	20.74	20.77		
20	64QAM	50	0	20.74	20.79	20.75	21.5	0
20	64QAM	50	24	20.68	20.78	20.78		
20	64QAM	50	50	20.72	20.81	20.72		
20	64QAM	100	0	20.71	20.82	20.69		
20	256QAM	1	0	19.69	19.84	19.79	20.5	1
20	256QAM	1	49	19.73	19.75	19.70		
20	256QAM	1	99	19.73	19.74	19.76		
20	256QAM	50	0	19.73	19.84	19.79	20.5	1
20	256QAM	50	24	19.70	19.81	19.77		
20	256QAM	50	50	19.76	19.84	19.72		
20	256QAM	100	0	19.72	19.76	19.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.60	20.64	20.65	21.5	0
15	QPSK	1	37	20.55	20.73	20.64		
15	QPSK	1	74	20.65	20.68	20.63		
15	QPSK	36	0	20.62	20.78	20.56	21.5	0
15	QPSK	36	20	20.55	20.73	20.74		
15	QPSK	36	39	20.65	20.69	20.69		
15	QPSK	75	0	20.68	20.75	20.60		
15	16QAM	1	0	20.57	20.67	20.60	21.5	0
15	16QAM	1	37	20.71	20.67	20.66		
15	16QAM	1	74	20.54	20.72	20.59		
15	16QAM	36	0	20.60	20.71	20.63	21.5	0
15	16QAM	36	20	20.65	20.71	20.57		
15	16QAM	36	39	20.58	20.74	20.71		
15	16QAM	75	0	20.58	20.68	20.62		
15	64QAM	1	0	20.51	20.76	20.69	21.5	0
15	64QAM	1	37	20.61	20.62	20.70		
15	64QAM	1	74	20.70	20.65	20.65		
15	64QAM	36	0	20.69	20.69	20.66	21.5	0
15	64QAM	36	20	20.53	20.65	20.70		
15	64QAM	36	39	20.67	20.76	20.66		
15	64QAM	75	0	20.59	20.68	20.63		
15	256QAM	1	0	19.56	19.73	19.70	20.5	1
15	256QAM	1	37	19.67	19.64	19.54		
15	256QAM	1	74	19.67	19.70	19.71		
15	256QAM	36	0	19.62	19.72	19.64	20.5	1
15	256QAM	36	20	19.56	19.67	19.61		
15	256QAM	36	39	19.64	19.77	19.65		
15	256QAM	75	0	19.59	19.63	19.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.63	20.61	20.68	21.5	0
10	QPSK	1	25	20.59	20.77	20.70		
10	QPSK	1	49	20.69	20.73	20.66		
10	QPSK	25	0	20.61	20.70	20.57	21.5	0
10	QPSK	25	12	20.61	20.63	20.64		
10	QPSK	25	25	20.64	20.69	20.67		
10	QPSK	50	0	20.61	20.67	20.68		
10	16QAM	1	0	20.51	20.65	20.54	21.5	0
10	16QAM	1	25	20.70	20.67	20.63		
10	16QAM	1	49	20.60	20.68	20.61		
10	16QAM	25	0	20.68	20.75	20.61	21.5	0
10	16QAM	25	12	20.57	20.69	20.63		
10	16QAM	25	25	20.54	20.68	20.67		
10	16QAM	50	0	20.69	20.67	20.63		
10	64QAM	1	0	20.53	20.72	20.68	21.5	0
10	64QAM	1	25	20.69	20.70	20.68		
10	64QAM	1	49	20.66	20.68	20.72		
10	64QAM	25	0	20.65	20.65	20.70	21.5	0
10	64QAM	25	12	20.52	20.65	20.66		
10	64QAM	25	25	20.60	20.76	20.65		
10	64QAM	50	0	20.60	20.73	20.64		
10	256QAM	1	0	19.58	19.70	19.63	20.5	1
10	256QAM	1	25	19.58	19.66	19.66		
10	256QAM	1	49	19.60	19.63	19.65		
10	256QAM	25	0	19.61	19.71	19.64	20.5	1
10	256QAM	25	12	19.66	19.70	19.63		
10	256QAM	25	25	19.65	19.71	19.67		
10	256QAM	50	0	19.56	19.71	19.65		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.61	20.60	20.61	21.5	0
5	QPSK	1	12	20.58	20.78	20.66		
5	QPSK	1	24	20.70	20.69	20.62		
5	QPSK	12	0	20.62	20.69	20.66	21.5	0
5	QPSK	12	7	20.56	20.70	20.71		
5	QPSK	12	13	20.70	20.67	20.63		
5	QPSK	25	0	20.64	20.65	20.68		
5	16QAM	1	0	20.52	20.64	20.55	21.5	0
5	16QAM	1	12	20.67	20.61	20.55		
5	16QAM	1	24	20.61	20.74	20.63		
5	16QAM	12	0	20.68	20.72	20.66	21.5	0
5	16QAM	12	7	20.54	20.71	20.64		
5	16QAM	12	13	20.60	20.70	20.67		
5	16QAM	25	0	20.66	20.67	20.63		
5	64QAM	1	0	20.62	20.74	20.65	21.5	0
5	64QAM	1	12	20.70	20.63	20.62		
5	64QAM	1	24	20.60	20.67	20.67		
5	64QAM	12	0	20.62	20.73	20.69	21.5	0
5	64QAM	12	7	20.59	20.63	20.70		
5	64QAM	12	13	20.57	20.67	20.64		
5	64QAM	25	0	20.63	20.76	20.53		
5	256QAM	1	0	19.60	19.78	19.68	20.5	1
5	256QAM	1	12	19.68	19.67	19.65		
5	256QAM	1	24	19.63	19.63	19.64		
5	256QAM	12	0	19.62	19.70	19.74	20.5	1
5	256QAM	12	7	19.55	19.72	19.73		
5	256QAM	12	13	19.62	19.69	19.61		
5	256QAM	25	0	19.67	19.66	19.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.88	18.98	18.73	18.78	19.9	0
20	QPSK	1	49	18.91	18.89	18.76	18.81		
20	QPSK	1	99	18.89	18.82	18.74	18.83		
20	QPSK	50	0	18.89	18.93	18.81	18.81	19.9	0
20	QPSK	50	24	18.83	18.84	18.73	18.84		
20	QPSK	50	50	18.81	18.90	18.80	18.79		
20	QPSK	100	0	18.87	18.88	18.73	18.77		
20	16QAM	1	0	18.88	18.83	18.81	18.80	19.9	0
20	16QAM	1	49	18.80	18.85	18.72	18.80		
20	16QAM	1	99	18.89	18.90	18.74	18.78		
20	16QAM	50	0	18.90	18.84	18.73	18.85	19.9	0
20	16QAM	50	24	18.90	18.80	18.78	18.84		
20	16QAM	50	50	18.80	18.84	18.82	18.84		
20	16QAM	100	0	18.79	18.84	18.76	18.85		
20	64QAM	1	0	18.81	18.84	18.74	18.85	19.9	0
20	64QAM	1	49	18.88	18.81	18.84	18.81		
20	64QAM	1	99	18.89	18.88	18.83	18.85		
20	64QAM	50	0	18.85	18.84	18.72	18.84	19.9	0
20	64QAM	50	24	18.85	18.84	18.78	18.75		
20	64QAM	50	50	18.86	18.85	18.77	18.80		
20	64QAM	100	0	18.84	18.84	18.80	18.85		
20	256QAM	1	0	18.36	18.34	18.28	18.32	19.4	0.5
20	256QAM	1	49	18.32	18.39	18.25	18.30		
20	256QAM	1	99	18.34	18.35	18.31	18.33		
20	256QAM	50	0	18.39	18.32	18.28	18.29	19.4	0.5
20	256QAM	50	24	18.31	18.33	18.33	18.28		
20	256QAM	50	50	18.35	18.31	18.23	18.29		
20	256QAM	100	0	18.33	18.33	18.28	18.24		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.77	18.84	18.68	18.69	19.9	0
15	QPSK	1	37	18.84	18.81	18.68	18.68		
15	QPSK	1	74	18.79	18.75	18.66	18.68		
15	QPSK	36	0	18.74	18.69	18.74	18.68	19.9	0
15	QPSK	36	20	18.74	18.70	18.66	18.69		
15	QPSK	36	39	18.67	18.83	18.70	18.67		
15	QPSK	75	0	18.79	18.80	18.66	18.67		
15	16QAM	1	0	18.81	18.71	18.67	18.68	19.9	0
15	16QAM	1	37	18.67	18.74	18.57	18.72		
15	16QAM	1	74	18.80	18.78	18.64	18.64		
15	16QAM	36	0	18.82	18.70	18.66	18.76	19.9	0
15	16QAM	36	20	18.74	18.76	18.65	18.78		
15	16QAM	36	39	18.71	18.74	18.68	18.73		
15	16QAM	75	0	18.72	18.72	18.60	18.71		
15	64QAM	1	0	18.66	18.76	18.68	18.69	19.9	0
15	64QAM	1	37	18.84	18.71	18.70	18.69		
15	64QAM	1	74	18.78	18.72	18.77	18.80		
15	64QAM	36	0	18.74	18.74	18.68	18.73	19.9	0
15	64QAM	36	20	18.75	18.74	18.64	18.69		
15	64QAM	36	39	18.79	18.78	18.72	18.66		
15	64QAM	75	0	18.75	18.76	18.65	18.73		
15	256QAM	1	0	18.20	18.24	18.21	18.21	19.4	0.5
15	256QAM	1	37	18.27	18.27	18.09	18.22		
15	256QAM	1	74	18.23	18.26	18.16	18.20		
15	256QAM	36	0	18.35	18.22	18.21	18.21	19.4	0.5
15	256QAM	36	20	18.18	18.18	18.28	18.16		
15	256QAM	36	39	18.24	18.25	18.16	18.22		
15	256QAM	75	0	18.23	18.25	18.20	18.15		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.78	18.82	18.69	18.73	19.9	0
10	QPSK	1	25	18.80	18.84	18.61	18.71		
10	QPSK	1	49	18.76	18.67	18.67	18.73		
10	QPSK	25	0	18.79	18.70	18.69	18.69	19.9	0
10	QPSK	25	12	18.69	18.77	18.66	18.68		
10	QPSK	25	25	18.68	18.80	18.71	18.68		
10	QPSK	50	0	18.76	18.78	18.63	18.67		
10	16QAM	1	0	18.80	18.73	18.68	18.71	19.9	0
10	16QAM	1	25	18.65	18.78	18.67	18.73		
10	16QAM	1	49	18.73	18.84	18.66	18.69		
10	16QAM	25	0	18.75	18.69	18.62	18.78	19.9	0
10	16QAM	25	12	18.86	18.64	18.71	18.74		
10	16QAM	25	25	18.69	18.71	18.71	18.69		
10	16QAM	50	0	18.67	18.72	18.70	18.72		
10	64QAM	1	0	18.67	18.79	18.69	18.78	19.9	0
10	64QAM	1	25	18.79	18.74	18.71	18.73		
10	64QAM	1	49	18.78	18.80	18.74	18.81		
10	64QAM	25	0	18.74	18.75	18.62	18.76	19.9	0
10	64QAM	25	12	18.78	18.72	18.68	18.60		
10	64QAM	25	25	18.76	18.78	18.67	18.72		
10	64QAM	50	0	18.75	18.76	18.68	18.76		
10	256QAM	1	0	18.29	18.28	18.23	18.22	19.4	0.5
10	256QAM	1	25	18.18	18.26	18.11	18.15		
10	256QAM	1	49	18.24	18.29	18.24	18.26		
10	256QAM	25	0	18.25	18.21	18.19	18.25	19.4	0.5
10	256QAM	25	12	18.17	18.23	18.26	18.14		
10	256QAM	25	25	18.27	18.22	18.19	18.21		
10	256QAM	50	0	18.24	18.17	18.22	18.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.75	18.88	18.58	18.67	19.9	0
5	QPSK	1	12	18.83	18.80	18.64	18.72		
5	QPSK	1	24	18.83	18.69	18.66	18.72		
5	QPSK	12	0	18.80	18.76	18.77	18.67	19.9	0
5	QPSK	12	7	18.76	18.73	18.63	18.71		
5	QPSK	12	13	18.76	18.76	18.64	18.69		
5	QPSK	25	0	18.80	18.72	18.59	18.64		
5	16QAM	1	0	18.80	18.70	18.74	18.73	19.9	0
5	16QAM	1	12	18.69	18.70	18.60	18.68		
5	16QAM	1	24	18.81	18.80	18.60	18.64		
5	16QAM	12	0	18.84	18.69	18.63	18.76	19.9	0
5	16QAM	12	7	18.76	18.72	18.66	18.69		
5	16QAM	12	13	18.68	18.77	18.77	18.74		
5	16QAM	25	0	18.75	18.76	18.61	18.70		
5	64QAM	1	0	18.76	18.79	18.66	18.72	19.9	0
5	64QAM	1	12	18.83	18.68	18.71	18.70		
5	64QAM	1	24	18.84	18.83	18.78	18.78		
5	64QAM	12	0	18.78	18.69	18.60	18.68	19.9	0
5	64QAM	12	7	18.77	18.69	18.64	18.60		
5	64QAM	12	13	18.78	18.79	18.67	18.70		
5	64QAM	25	0	18.69	18.69	18.69	18.74		
5	256QAM	1	0	18.29	18.29	18.22	18.20	19.4	0.5
5	256QAM	1	12	18.18	18.29	18.14	18.18		
5	256QAM	1	24	18.27	18.25	18.24	18.27		
5	256QAM	12	0	18.26	18.16	18.20	18.21	19.4	0.5
5	256QAM	12	7	18.16	18.28	18.19	18.19		
5	256QAM	12	13	18.21	18.21	18.07	18.24		
5	256QAM	25	0	18.22	18.19	18.13	18.17		

Band 4 Other PA Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.70	20.93	20.78	22	0
20	QPSK	1	49	20.74	20.77	20.66		
20	QPSK	1	99	20.67	20.77	20.63		
20	QPSK	50	0	20.78	20.91	20.75	22	0
20	QPSK	50	24	20.76	20.76	20.72		
20	QPSK	50	50	20.77	20.90	20.69		
20	QPSK	100	0	20.69	20.83	20.66		
20	16QAM	1	0	20.63	20.75	20.76	22	0
20	16QAM	1	49	20.76	20.85	20.74		
20	16QAM	1	99	20.78	20.81	20.77		
20	16QAM	50	0	20.76	20.87	20.67	22	0
20	16QAM	50	24	20.79	20.77	20.65		
20	16QAM	50	50	20.77	20.80	20.72		
20	16QAM	100	0	20.65	20.76	20.76		
20	64QAM	1	0	20.63	20.87	20.68	22	0
20	64QAM	1	49	20.71	20.77	20.78		
20	64QAM	1	99	20.75	20.76	20.71		
20	64QAM	50	0	20.14	20.29	20.25	21.5	0.5
20	64QAM	50	24	20.20	20.30	20.13		
20	64QAM	50	50	20.20	20.32	20.20		
20	64QAM	100	0	20.18	20.32	20.27		
20	256QAM	1	0	18.15	18.26	18.16	19.5	2.5
20	256QAM	1	49	18.27	18.31	18.22		
20	256QAM	1	99	18.28	18.36	18.15		
20	256QAM	50	0	18.16	18.35	18.25	19.5	2.5
20	256QAM	50	24	18.14	18.28	18.25		
20	256QAM	50	50	18.23	18.39	18.13		
20	256QAM	100	0	18.26	18.31	18.19		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.57	20.76	20.67	22	0
15	QPSK	1	37	20.62	20.67	20.57		
15	QPSK	1	74	20.60	20.62	20.61		
15	QPSK	36	0	20.60	20.81	20.70	22	0
15	QPSK	36	20	20.72	20.61	20.56		
15	QPSK	36	39	20.73	20.84	20.52		
15	QPSK	75	0	20.64	20.79	20.63		
15	16QAM	1	0	20.54	20.58	20.61	22	0
15	16QAM	1	37	20.58	20.70	20.64		
15	16QAM	1	74	20.65	20.71	20.71		
15	16QAM	36	0	20.72	20.76	20.54	22	0
15	16QAM	36	20	20.73	20.61	20.60		
15	16QAM	36	39	20.67	20.62	20.60		
15	16QAM	75	0	20.61	20.73	20.68		
15	64QAM	1	0	20.58	20.70	20.62	22	0
15	64QAM	1	37	20.63	20.74	20.73		
15	64QAM	1	74	20.64	20.59	20.61		
15	64QAM	36	0	19.99	20.24	20.10	21.5	0.5
15	64QAM	36	20	20.11	20.17	20.05		
15	64QAM	36	39	20.15	20.18	20.08		
15	64QAM	75	0	20.02	20.15	20.25		
15	256QAM	1	0	18.05	18.17	18.08	19.5	2.5
15	256QAM	1	37	18.12	18.27	18.09		
15	256QAM	1	74	18.17	18.20	18.13		
15	256QAM	36	0	18.05	18.28	18.15	19.5	2.5
15	256QAM	36	20	18.08	18.20	18.20		
15	256QAM	36	39	18.13	18.36	18.09		
15	256QAM	75	0	18.22	18.27	18.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.62	20.75	20.66	22	0
10	QPSK	1	25	20.70	20.68	20.51		
10	QPSK	1	49	20.58	20.60	20.59		
10	QPSK	25	0	20.70	20.69	20.72	22	0
10	QPSK	25	12	20.68	20.65	20.66		
10	QPSK	25	25	20.73	20.80	20.52		
10	QPSK	50	0	20.62	20.77	20.63		
10	16QAM	1	0	20.59	20.59	20.61	22	0
10	16QAM	1	25	20.65	20.67	20.58		
10	16QAM	1	49	20.67	20.68	20.65		
10	16QAM	25	0	20.60	20.69	20.59	22	0
10	16QAM	25	12	20.65	20.66	20.58		
10	16QAM	25	25	20.63	20.66	20.69		
10	16QAM	50	0	20.53	20.63	20.58		
10	64QAM	1	0	20.47	20.69	20.58	22	0
10	64QAM	1	25	20.56	20.61	20.73		
10	64QAM	1	49	20.69	20.66	20.63		
10	64QAM	25	0	20.07	20.13	20.14	21.5	0.5
10	64QAM	25	12	20.12	20.21	19.99		
10	64QAM	25	25	20.04	20.30	20.04		
10	64QAM	50	0	20.06	20.16	20.12		
10	256QAM	1	0	17.97	18.19	18.03	19.5	2.5
10	256QAM	1	25	18.12	18.24	18.16		
10	256QAM	1	49	18.21	18.32	18.01		
10	256QAM	25	0	18.06	18.19	18.16	19.5	2.5
10	256QAM	25	12	18.00	18.22	18.16		
10	256QAM	25	25	18.19	18.30	17.95		
10	256QAM	50	0	18.22	18.15	18.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.55	20.80	20.67	22	0
5	QPSK	1	12	20.69	20.64	20.51		
5	QPSK	1	24	20.50	20.67	20.54		
5	QPSK	12	0	20.72	20.73	20.60	22	0
5	QPSK	12	7	20.71	20.67	20.57		
5	QPSK	12	13	20.62	20.77	20.66		
5	QPSK	25	0	20.59	20.76	20.57		
5	16QAM	1	0	20.55	20.73	20.73	22	0
5	16QAM	1	12	20.62	20.81	20.68		
5	16QAM	1	24	20.65	20.63	20.70		
5	16QAM	12	0	20.71	20.80	20.49	22	0
5	16QAM	12	7	20.62	20.73	20.56		
5	16QAM	12	13	20.64	20.69	20.63		
5	16QAM	25	0	20.52	20.64	20.71		
5	64QAM	1	0	20.61	20.73	20.63	22	0
5	64QAM	1	12	20.57	20.72	20.75		
5	64QAM	1	24	20.62	20.71	20.59		
5	64QAM	12	0	20.08	20.16	20.09	21.5	0.5
5	64QAM	12	7	20.10	20.17	20.03		
5	64QAM	12	13	20.06	20.16	20.06		
5	64QAM	25	0	20.02	20.15	20.20		
5	256QAM	1	0	17.97	18.15	18.07	19.5	2.5
5	256QAM	1	12	18.12	18.16	18.14		
5	256QAM	1	24	18.19	18.29	18.09		
5	256QAM	12	0	18.02	18.32	18.17	19.5	2.5
5	256QAM	12	7	18.12	18.23	18.09		
5	256QAM	12	13	18.05	18.36	17.99		
5	256QAM	25	0	18.24	18.14	18.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.62	20.80	20.72	22	0
3	QPSK	1	8	20.61	20.70	20.63		
3	QPSK	1	14	20.61	20.59	20.46		
3	QPSK	8	0	20.75	20.67	20.62	22	0
3	QPSK	8	4	20.61	20.59	20.55		
3	QPSK	8	7	20.74	20.72	20.63		
3	QPSK	15	0	20.54	20.75	20.58		
3	16QAM	1	0	20.56	20.60	20.59	22	0
3	16QAM	1	8	20.72	20.76	20.60		
3	16QAM	1	14	20.60	20.70	20.61		
3	16QAM	8	0	20.61	20.79	20.56	22	0
3	16QAM	8	4	20.64	20.65	20.53		
3	16QAM	8	7	20.65	20.67	20.68		
3	16QAM	15	0	20.54	20.59	20.63		
3	64QAM	1	0	20.56	20.80	20.58	22	0
3	64QAM	1	8	20.60	20.67	20.64		
3	64QAM	1	14	20.70	20.60	20.68		
3	64QAM	8	0	20.03	20.26	20.20	21.5	0.5
3	64QAM	8	4	20.11	20.19	19.99		
3	64QAM	8	7	20.16	20.28	20.15		
3	64QAM	15	0	20.12	20.15	20.10		
3	256QAM	1	0	17.99	18.11	18.09	19.5	2.5
3	256QAM	1	8	18.16	18.25	18.09		
3	256QAM	1	14	18.25	18.20	18.08		
3	256QAM	8	0	18.12	18.21	18.11	19.5	2.5
3	256QAM	8	4	18.01	18.13	18.13		
3	256QAM	8	7	18.05	18.25	18.10		
3	256QAM	15	0	18.23	18.20	18.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.61	20.76	20.61	22	0
1.4	QPSK	1	3	20.57	20.71	20.59		
1.4	QPSK	1	5	20.55	20.59	20.55		
1.4	QPSK	3	0	20.61	20.72	20.68		
1.4	QPSK	3	1	20.73	20.59	20.61		
1.4	QPSK	3	3	20.63	20.78	20.55		
1.4	QPSK	6	0	20.65	20.67	20.48	22	0
1.4	16QAM	1	0	20.50	20.69	20.68	22	0
1.4	16QAM	1	3	20.67	20.83	20.62		
1.4	16QAM	1	5	20.71	20.73	20.62		
1.4	16QAM	3	0	20.59	20.69	20.61		
1.4	16QAM	3	1	20.71	20.73	20.47		
1.4	16QAM	3	3	20.72	20.64	20.67		
1.4	16QAM	6	0	20.60	20.73	20.64	22	0
1.4	64QAM	1	0	20.54	20.74	20.58	22	0
1.4	64QAM	1	3	20.67	20.67	20.76		
1.4	64QAM	1	5	20.68	20.64	20.66		
1.4	64QAM	3	0	20.03	20.23	20.20		
1.4	64QAM	3	1	20.17	20.19	20.05		
1.4	64QAM	3	3	20.10	20.17	20.06		
1.4	64QAM	6	0	19.68	19.81	19.71	21.5	0.5
1.4	256QAM	1	0	18.00	18.09	18.13	19.5	2.5
1.4	256QAM	1	3	18.17	18.19	18.18		
1.4	256QAM	1	5	18.24	18.32	18.09		
1.4	256QAM	3	0	18.13	18.30	18.20		
1.4	256QAM	3	1	18.03	18.12	18.17		
1.4	256QAM	3	3	18.19	18.23	18.03		
1.4	256QAM	6	0	18.18	18.16	18.06	19.5	2.5

Band 7 Other PA Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.38	19.61	19.37	20.3	0
20	QPSK	1	49	19.52	19.47	19.43		
20	QPSK	1	99	19.37	19.54	19.42		
20	QPSK	50	0	19.43	19.55	19.46	20.3	0
20	QPSK	50	24	19.51	19.43	19.46		
20	QPSK	50	50	19.41	19.53	19.35		
20	QPSK	100	0	19.42	19.50	19.42		
20	16QAM	1	0	19.48	19.53	19.34	20.3	0
20	16QAM	1	49	19.38	19.56	19.43		
20	16QAM	1	99	19.39	19.54	19.39		
20	16QAM	50	0	19.44	19.45	19.48	20.3	0
20	16QAM	50	24	19.48	19.58	19.42		
20	16QAM	50	50	19.46	19.56	19.33		
20	16QAM	100	0	19.50	19.42	19.44		
20	64QAM	1	0	19.51	19.58	19.41	20.3	0
20	64QAM	1	49	19.52	19.49	19.35		
20	64QAM	1	99	19.42	19.54	19.33		
20	64QAM	50	0	19.39	19.46	19.42	20.3	0
20	64QAM	50	24	19.50	19.57	19.39		
20	64QAM	50	50	19.48	19.48	19.43		
20	64QAM	100	0	19.51	19.49	19.37		
20	256QAM	1	0	17.93	18.06	17.93	18.8	1.5
20	256QAM	1	49	18.00	17.92	17.83		
20	256QAM	1	99	17.98	18.08	17.88		
20	256QAM	50	0	17.91	17.93	17.98	18.8	1.5
20	256QAM	50	24	17.87	17.96	17.89		
20	256QAM	50	50	17.94	18.07	17.97		
20	256QAM	100	0	18.00	18.02	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.26	19.33	19.28	20.3	0
15	QPSK	1	37	19.44	19.32	19.41		
15	QPSK	1	74	19.25	19.46	19.34		
15	QPSK	36	0	19.25	19.31	19.43	20.3	0
15	QPSK	36	20	19.34	19.29	19.35		
15	QPSK	36	39	19.38	19.40	19.24		
15	QPSK	75	0	19.29	19.37	19.26		
15	16QAM	1	0	19.42	19.35	19.20	20.3	0
15	16QAM	1	37	19.24	19.43	19.28		
15	16QAM	1	74	19.23	19.44	19.29		
15	16QAM	36	0	19.26	19.28	19.40	20.3	0
15	16QAM	36	20	19.30	19.49	19.32		
15	16QAM	36	39	19.42	19.51	19.25		
15	16QAM	75	0	19.46	19.29	19.37		
15	64QAM	1	0	19.48	19.44	19.31	20.3	0
15	64QAM	1	37	19.37	19.36	19.32		
15	64QAM	1	74	19.27	19.38	19.21		
15	64QAM	36	0	19.28	19.37	19.35	20.3	0
15	64QAM	36	20	19.47	19.45	19.27		
15	64QAM	36	39	19.40	19.37	19.39		
15	64QAM	75	0	19.41	19.45	19.30		
15	256QAM	1	0	17.76	17.95	17.78	18.8	1.5
15	256QAM	1	37	17.95	17.75	17.72		
15	256QAM	1	74	17.85	18.05	17.71		
15	256QAM	36	0	17.86	17.89	17.86	18.8	1.5
15	256QAM	36	20	17.83	17.80	17.78		
15	256QAM	36	39	17.88	17.96	17.92		
15	256QAM	75	0	17.96	17.91	17.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.22	19.42	19.24	20.3	0
10	QPSK	1	25	19.47	19.35	19.40		
10	QPSK	1	49	19.33	19.44	19.36		
10	QPSK	25	0	19.38	19.34	19.29	20.3	0
10	QPSK	25	12	19.47	19.26	19.32		
10	QPSK	25	25	19.38	19.38	19.29		
10	QPSK	50	0	19.35	19.42	19.28		
10	16QAM	1	0	19.42	19.48	19.31	20.3	0
10	16QAM	1	25	19.28	19.53	19.33		
10	16QAM	1	49	19.30	19.38	19.33		
10	16QAM	25	0	19.27	19.35	19.43	20.3	0
10	16QAM	25	12	19.45	19.45	19.38		
10	16QAM	25	25	19.40	19.40	19.29		
10	16QAM	50	0	19.42	19.35	19.30		
10	64QAM	1	0	19.46	19.54	19.27	20.3	0
10	64QAM	1	25	19.35	19.31	19.19		
10	64QAM	1	49	19.30	19.38	19.16		
10	64QAM	25	0	19.22	19.33	19.36	20.3	0
10	64QAM	25	12	19.44	19.54	19.29		
10	64QAM	25	25	19.34	19.43	19.28		
10	64QAM	50	0	19.45	19.33	19.33		
10	256QAM	1	0	17.91	17.98	17.81	18.8	1.5
10	256QAM	1	25	17.87	17.85	17.69		
10	256QAM	1	49	17.90	17.95	17.75		
10	256QAM	25	0	17.80	17.83	17.90	18.8	1.5
10	256QAM	25	12	17.80	17.79	17.79		
10	256QAM	25	25	17.88	17.97	17.80		
10	256QAM	50	0	17.96	17.85	17.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.24	19.28	19.28	20.3	0
5	QPSK	1	12	19.48	19.37	19.36		
5	QPSK	1	24	19.30	19.44	19.28		
5	QPSK	12	0	19.33	19.40	19.33	20.3	0
5	QPSK	12	7	19.46	19.27	19.42		
5	QPSK	12	13	19.30	19.49	19.20		
5	QPSK	25	0	19.33	19.34	19.35		
5	16QAM	1	0	19.45	19.50	19.29	20.3	0
5	16QAM	1	12	19.27	19.41	19.30		
5	16QAM	1	24	19.36	19.51	19.30		
5	16QAM	12	0	19.32	19.38	19.34	20.3	0
5	16QAM	12	7	19.40	19.56	19.27		
5	16QAM	12	13	19.31	19.44	19.18		
5	16QAM	25	0	19.34	19.39	19.40		
5	64QAM	1	0	19.36	19.43	19.35	20.3	0
5	64QAM	1	12	19.41	19.33	19.24		
5	64QAM	1	24	19.28	19.50	19.27		
5	64QAM	12	0	19.36	19.30	19.26	20.3	0
5	64QAM	12	7	19.37	19.45	19.26		
5	64QAM	12	13	19.40	19.39	19.31		
5	64QAM	25	0	19.36	19.37	19.31		
5	256QAM	1	0	17.89	17.90	17.83	18.8	1.5
5	256QAM	1	12	17.90	17.83	17.69		
5	256QAM	1	24	17.81	17.96	17.71		
5	256QAM	12	0	17.80	17.82	17.94	18.8	1.5
5	256QAM	12	7	17.77	17.82	17.80		
5	256QAM	12	13	17.79	17.92	17.95		
5	256QAM	25	0	17.89	17.95	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.81	21.97	21.81	23	0
20	QPSK	1	49	21.92	21.90	21.82		
20	QPSK	1	99	21.83	21.91	21.87		
20	QPSK	50	0	21.90	21.96	21.88	23	0
20	QPSK	50	24	21.83	21.84	21.95		
20	QPSK	50	50	21.93	21.85	21.89		
20	QPSK	100	0	21.82	21.91	21.90		
20	16QAM	1	0	21.90	21.95	21.96	23	0
20	16QAM	1	49	21.88	21.89	21.91		
20	16QAM	1	99	21.82	21.91	21.93		
20	16QAM	50	0	21.35	21.45	21.35	22.5	0.5
20	16QAM	50	24	21.30	21.44	21.24		
20	16QAM	50	50	21.25	21.43	21.31		
20	16QAM	100	0	21.29	21.52	21.25		
20	64QAM	1	0	21.35	21.41	21.28	22.5	0.5
20	64QAM	1	49	21.34	21.52	21.27		
20	64QAM	1	99	21.24	21.51	21.38		
20	64QAM	50	0	20.25	20.42	20.28	21.5	1.5
20	64QAM	50	24	20.37	20.53	20.30		
20	64QAM	50	50	20.27	20.43	20.29		
20	64QAM	100	0	20.38	20.48	20.29		
20	256QAM	1	0	18.27	18.47	18.32	19.5	3.5
20	256QAM	1	49	18.31	18.49	18.37		
20	256QAM	1	99	18.37	18.39	18.26		
20	256QAM	50	0	18.30	18.47	18.24	19.5	3.5
20	256QAM	50	24	18.28	18.54	18.29		
20	256QAM	50	50	18.34	18.48	18.33		
20	256QAM	100	0	18.33	18.55	18.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.71	21.90	21.68	23	0
15	QPSK	1	37	21.78	21.87	21.75		
15	QPSK	1	74	21.65	21.81	21.75		
15	QPSK	36	0	21.81	21.85	21.84	23	0
15	QPSK	36	20	21.70	21.73	21.77		
15	QPSK	36	39	21.76	21.67	21.78		
15	QPSK	75	0	21.72	21.86	21.82		
15	16QAM	1	0	21.81	21.78	21.79	23	0
15	16QAM	1	37	21.81	21.76	21.76		
15	16QAM	1	74	21.76	21.73	21.81		
15	16QAM	36	0	21.27	21.34	21.26	22.5	0.5
15	16QAM	36	20	21.20	21.31	21.14		
15	16QAM	36	39	21.13	21.27	21.27		
15	16QAM	75	0	21.19	21.49	21.22		
15	64QAM	1	0	21.23	21.37	21.23	22.5	0.5
15	64QAM	1	37	21.28	21.42	21.20		
15	64QAM	1	74	21.20	21.42	21.35		
15	64QAM	36	0	20.10	20.24	20.21	21.5	1.5
15	64QAM	36	20	20.21	20.43	20.20		
15	64QAM	36	39	20.22	20.36	20.22		
15	64QAM	75	0	20.34	20.31	20.15		
15	256QAM	1	0	18.10	18.44	18.23	19.5	3.5
15	256QAM	1	37	18.24	18.37	18.22		
15	256QAM	1	74	18.34	18.25	18.20		
15	256QAM	36	0	18.26	18.41	18.21	19.5	3.5
15	256QAM	36	20	18.11	18.47	18.17		
15	256QAM	36	39	18.29	18.43	18.26		
15	256QAM	75	0	18.30	18.42	18.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.71	21.80	21.72	23	0
10	QPSK	1	25	21.89	21.82	21.67		
10	QPSK	1	49	21.66	21.82	21.80		
10	QPSK	25	0	21.87	21.81	21.80	23	0
10	QPSK	25	12	21.72	21.77	21.84		
10	QPSK	25	25	21.76	21.80	21.76		
10	QPSK	50	0	21.70	21.77	21.79		
10	16QAM	1	0	21.86	21.89	21.79	23	0
10	16QAM	1	25	21.78	21.87	21.80		
10	16QAM	1	49	21.79	21.81	21.76		
10	16QAM	25	0	21.29	21.35	21.30	22.5	0.5
10	16QAM	25	12	21.16	21.32	21.09		
10	16QAM	25	25	21.20	21.34	21.22		
10	16QAM	50	0	21.27	21.46	21.11		
10	64QAM	1	0	21.27	21.30	21.14	22.5	0.5
10	64QAM	1	25	21.27	21.46	21.19		
10	64QAM	1	49	21.09	21.47	21.33		
10	64QAM	25	0	20.10	20.33	20.16	21.5	1.5
10	64QAM	25	12	20.23	20.46	20.15		
10	64QAM	25	25	20.21	20.32	20.25		
10	64QAM	50	0	20.21	20.32	20.21		
10	256QAM	1	0	18.21	18.32	18.20	19.5	3.5
10	256QAM	1	25	18.28	18.33	18.20		
10	256QAM	1	49	18.22	18.30	18.11		
10	256QAM	25	0	18.21	18.40	18.14	19.5	3.5
10	256QAM	25	12	18.11	18.48	18.15		
10	256QAM	25	25	18.25	18.43	18.16		
10	256QAM	50	0	18.17	18.38	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.90	21.78	23	0
5	QPSK	1	12	21.84	21.80	21.76		
5	QPSK	1	24	21.75	21.79	21.75		
5	QPSK	12	0	21.80	21.94	21.74	23	0
5	QPSK	12	7	21.72	21.68	21.87		
5	QPSK	12	13	21.88	21.68	21.75		
5	QPSK	25	0	21.67	21.75	21.79		
5	16QAM	1	0	21.88	21.85	21.93	23	0
5	16QAM	1	12	21.79	21.79	21.73		
5	16QAM	1	24	21.74	21.77	21.89		
5	16QAM	12	0	21.28	21.28	21.28	22.5	0.5
5	16QAM	12	7	21.18	21.41	21.20		
5	16QAM	12	13	21.22	21.28	21.16		
5	16QAM	25	0	21.25	21.46	21.17		
5	64QAM	1	0	21.27	21.29	21.15	22.5	0.5
5	64QAM	1	12	21.29	21.39	21.21		
5	64QAM	1	24	21.09	21.35	21.22		
5	64QAM	12	0	20.12	20.33	20.22	21.5	1.5
5	64QAM	12	7	20.26	20.44	20.13		
5	64QAM	12	13	20.10	20.32	20.17		
5	64QAM	25	0	20.32	20.38	20.14		
5	256QAM	1	0	18.12	18.40	18.27	19.5	3.5
5	256QAM	1	12	18.28	18.47	18.32		
5	256QAM	1	24	18.34	18.23	18.09		
5	256QAM	12	0	18.22	18.31	18.19	19.5	3.5
5	256QAM	12	7	18.18	18.39	18.26		
5	256QAM	12	13	18.22	18.42	18.19		
5	256QAM	25	0	18.25	18.49	18.08		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.69	21.95	21.70	23	0
3	QPSK	1	8	21.76	21.74	21.75		
3	QPSK	1	14	21.75	21.78	21.80		
3	QPSK	8	0	21.75	21.89	21.83	23	0
3	QPSK	8	4	21.76	21.67	21.91		
3	QPSK	8	7	21.79	21.72	21.76		
3	QPSK	15	0	21.68	21.82	21.79		
3	16QAM	1	0	21.75	21.93	21.86	23	0
3	16QAM	1	8	21.76	21.77	21.79		
3	16QAM	1	14	21.76	21.77	21.87		
3	16QAM	8	0	21.24	21.42	21.31	22.5	0.5
3	16QAM	8	4	21.18	21.40	21.21		
3	16QAM	8	7	21.20	21.40	21.21		
3	16QAM	15	0	21.12	21.44	21.10		
3	64QAM	1	0	21.29	21.29	21.17	22.5	0.5
3	64QAM	1	8	21.19	21.40	21.13		
3	64QAM	1	14	21.21	21.40	21.21		
3	64QAM	8	0	20.13	20.32	20.20	21.5	1.5
3	64QAM	8	4	20.32	20.41	20.20		
3	64QAM	8	7	20.17	20.38	20.15		
3	64QAM	15	0	20.25	20.42	20.22		
3	256QAM	1	0	18.20	18.34	18.24	19.5	3.5
3	256QAM	1	8	18.15	18.44	18.35		
3	256QAM	1	14	18.31	18.29	18.10		
3	256QAM	8	0	18.18	18.43	18.07	19.5	3.5
3	256QAM	8	4	18.12	18.40	18.23		
3	256QAM	8	7	18.28	18.34	18.28		
3	256QAM	15	0	18.23	18.41	18.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.68	21.81	21.72	23	0
1.4	QPSK	1	3	21.88	21.84	21.74		
1.4	QPSK	1	5	21.67	21.81	21.79		
1.4	QPSK	3	0	21.88	21.88	21.74		
1.4	QPSK	3	1	21.66	21.81	21.84		
1.4	QPSK	3	3	21.77	21.68	21.80		
1.4	QPSK	6	0	21.78	21.83	21.86	23	0
1.4	16QAM	1	0	21.80	21.81	21.83	23	0
1.4	16QAM	1	3	21.74	21.80	21.82		
1.4	16QAM	1	5	21.79	21.88	21.76		
1.4	16QAM	3	0	21.26	21.33	21.33		
1.4	16QAM	3	1	21.25	21.34	21.13		
1.4	16QAM	3	3	21.20	21.38	21.27		
1.4	16QAM	6	0	21.20	21.29	21.17	22.5	0.5
1.4	64QAM	1	0	21.22	21.35	21.17	22.5	0.5
1.4	64QAM	1	3	21.25	21.37	21.14		
1.4	64QAM	1	5	21.25	21.23	21.20		
1.4	64QAM	3	0	21.17	21.26	21.19		
1.4	64QAM	3	1	21.19	21.23	21.21		
1.4	64QAM	3	3	21.26	21.37	21.29		
1.4	64QAM	6	0	20.18	20.26	20.15	21.5	1.5
1.4	256QAM	1	0	18.23	18.29	18.26	19.5	3.5
1.4	256QAM	1	3	18.27	18.43	18.22		
1.4	256QAM	1	5	18.30	18.29	18.09		
1.4	256QAM	3	0	18.18	18.36	18.22		
1.4	256QAM	3	1	18.18	18.44	18.24		
1.4	256QAM	3	3	18.25	18.31	18.21		
1.4	256QAM	6	0	18.22	18.50	18.17	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.40	22.38	23.4	0
20	QPSK	1	49	22.27	22.30	22.28		
20	QPSK	1	99	22.35	22.32	22.36		
20	QPSK	50	0	22.30	22.36	22.33	23.4	0
20	QPSK	50	24	22.17	22.27	22.24		
20	QPSK	50	50	22.25	22.24	22.30		
20	QPSK	100	0	22.32	22.33	22.26		
20	16QAM	1	0	22.19	22.30	22.29	23.4	0
20	16QAM	1	49	22.06	22.24	22.16		
20	16QAM	1	99	22.19	22.17	22.21		
20	16QAM	50	0	21.26	21.38	21.36	22.4	1
20	16QAM	50	24	21.17	21.26	21.25		
20	16QAM	50	50	21.29	21.19	21.32		
20	16QAM	100	0	21.29	21.37	21.30		
20	64QAM	1	0	21.15	21.31	21.27	22.4	1
20	64QAM	1	49	21.11	21.27	21.10		
20	64QAM	1	99	21.14	21.21	21.24		
20	64QAM	50	0	20.24	20.33	20.29	21.4	2
20	64QAM	50	24	20.11	20.28	20.27		
20	64QAM	50	50	20.19	20.25	20.24		
20	64QAM	100	0	20.27	20.33	20.29		
20	256QAM	1	0	18.25	18.36	18.32	19.4	4
20	256QAM	1	49	18.17	18.22	18.24		
20	256QAM	1	99	18.20	18.19	18.34		
20	256QAM	50	0	18.37	18.36	18.24	19.4	4
20	256QAM	50	24	18.20	18.25	18.31		
20	256QAM	50	50	18.08	18.27	18.13		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.33	22.38	22.28	23.4	0
15	QPSK	1	37	22.25	22.17	22.24		
15	QPSK	1	74	22.29	22.19	22.28		
15	QPSK	36	0	22.17	22.29	22.21	23.4	0
15	QPSK	36	20	22.07	22.21	22.14		
15	QPSK	36	39	22.15	22.14	22.26		
15	QPSK	75	0	22.19	22.21	22.16		
15	16QAM	1	0	22.15	22.20	22.25	23.4	0
15	16QAM	1	37	21.95	22.11	22.03		
15	16QAM	1	74	22.12	22.13	22.10		
15	16QAM	36	0	21.15	21.29	21.25	22.4	1
15	16QAM	36	20	21.06	21.15	21.15		
15	16QAM	36	39	21.22	21.16	21.26		
15	16QAM	75	0	21.26	21.26	21.20		
15	64QAM	1	0	21.05	21.26	21.15	22.4	1
15	64QAM	1	37	21.00	21.16	21.05		
15	64QAM	1	74	21.09	21.11	21.13		
15	64QAM	36	0	20.15	20.31	20.16	21.4	2
15	64QAM	36	20	20.05	20.23	20.16		
15	64QAM	36	39	20.12	20.14	20.22		
15	64QAM	75	0	20.25	20.28	20.17		
15	256QAM	1	0	18.13	18.31	18.24	19.4	4
15	256QAM	1	37	18.05	18.13	18.11		
15	256QAM	1	74	18.07	18.10	18.32		
15	256QAM	36	0	18.24	18.28	18.20	19.4	4
15	256QAM	36	20	18.09	18.14	18.25		
15	256QAM	36	39	17.98	18.20	18.05		
15	256QAM	75	0	18.07	18.09	18.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.27	22.32	22.29	23.4	0
10	QPSK	1	25	22.21	22.28	22.23		
10	QPSK	1	49	22.27	22.20	22.22		
10	QPSK	25	0	22.21	22.29	22.21	23.4	0
10	QPSK	25	12	22.07	22.22	22.14		
10	QPSK	25	25	22.13	22.20	22.17		
10	QPSK	50	0	22.24	22.25	22.16		
10	16QAM	1	0	22.06	22.21	22.17	23.4	0
10	16QAM	1	25	21.99	22.11	22.11		
10	16QAM	1	49	22.08	22.09	22.13		
10	16QAM	25	0	21.20	21.29	21.25	22.4	1
10	16QAM	25	12	21.13	21.18	21.22		
10	16QAM	25	25	21.26	21.10	21.26		
10	16QAM	50	0	21.21	21.29	21.22		
10	64QAM	1	0	21.03	21.21	21.22	22.4	1
10	64QAM	1	25	21.01	21.17	21.08		
10	64QAM	1	49	21.11	21.11	21.20		
10	64QAM	25	0	20.18	20.26	20.24	21.4	2
10	64QAM	25	12	20.05	20.23	20.21		
10	64QAM	25	25	20.11	20.19	20.18		
10	64QAM	50	0	20.16	20.24	20.17		
10	256QAM	1	0	18.22	18.26	18.30	19.4	4
10	256QAM	1	25	18.15	18.10	18.14		
10	256QAM	1	49	18.08	18.13	18.28		
10	256QAM	25	0	18.32	18.32	18.18	19.4	4
10	256QAM	25	12	18.14	18.16	18.25		
10	256QAM	25	25	17.99	18.18	18.00		
10	256QAM	50	0	18.09	18.13	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.31	22.28	22.27	23.4	0
5	QPSK	1	12	22.25	22.27	22.23		
5	QPSK	1	24	22.25	22.19	22.28		
5	QPSK	12	0	22.19	22.28	22.24	23.4	0
5	QPSK	12	7	22.13	22.13	22.16		
5	QPSK	12	13	22.17	22.18	22.24		
5	QPSK	25	0	22.28	22.20	22.20		
5	16QAM	1	0	22.10	22.25	22.26	23.4	0
5	16QAM	1	12	21.96	22.18	22.07		
5	16QAM	1	24	22.07	22.09	22.16		
5	16QAM	12	0	21.15	21.33	21.27	22.4	1
5	16QAM	12	7	21.10	21.20	21.20		
5	16QAM	12	13	21.25	21.14	21.24		
5	16QAM	25	0	21.25	21.23	21.20		
5	64QAM	1	0	21.08	21.28	21.18	22.4	1
5	64QAM	1	12	21.01	21.16	21.05		
5	64QAM	1	24	21.10	21.11	21.17		
5	64QAM	12	0	20.17	20.29	20.23	21.4	2
5	64QAM	12	7	20.00	20.22	20.15		
5	64QAM	12	13	20.11	20.17	20.11		
5	64QAM	25	0	20.16	20.30	20.16		
5	256QAM	1	0	18.14	18.29	18.24	19.4	4
5	256QAM	1	12	18.06	18.10	18.20		
5	256QAM	1	24	18.06	18.14	18.31		
5	256QAM	12	0	18.30	18.25	18.20	19.4	4
5	256QAM	12	7	18.11	18.19	18.18		
5	256QAM	12	13	18.04	18.19	18.00		
5	256QAM	25	0	18.03	18.07	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.44	22.45	22.51	22.40	22.47	23.4	0
20	QPSK	1	49	22.48	22.37	22.41	22.42	22.31		
20	QPSK	1	99	22.33	22.34	22.36	22.28	22.42		
20	QPSK	50	0	22.40	22.37	22.48	22.38	22.44	23.4	0
20	QPSK	50	24	22.37	22.32	22.35	22.39	22.25		
20	QPSK	50	50	22.22	22.28	22.29	22.14	22.29		
20	QPSK	100	0	22.35	22.41	22.43	22.29	22.37		
20	16QAM	1	0	22.34	22.38	22.40	22.32	22.34	23.4	0
20	16QAM	1	49	22.35	22.31	22.31	22.38	22.19		
20	16QAM	1	99	22.24	22.28	22.27	22.15	22.30		
20	16QAM	50	0	21.44	21.35	21.53	21.38	21.44	22.4	1
20	16QAM	50	24	21.36	21.37	21.36	21.36	21.29		
20	16QAM	50	50	21.17	21.34	21.30	21.16	21.31		
20	16QAM	100	0	21.36	21.39	21.46	21.31	21.33		
20	64QAM	1	0	21.35	21.35	21.43	21.26	21.32	22.4	1
20	64QAM	1	49	21.31	21.37	21.35	21.32	21.21		
20	64QAM	1	99	21.23	21.30	21.26	21.10	21.28		
20	64QAM	50	0	20.45	20.36	20.50	20.34	20.49	21.4	2
20	64QAM	50	24	20.40	20.28	20.34	20.41	20.26		
20	64QAM	50	50	20.18	20.31	20.27	20.15	20.25		
20	64QAM	100	0	20.34	20.39	20.45	20.28	20.33		
20	256QAM	1	0	18.46	18.32	18.51	18.33	18.48	19.4	4
20	256QAM	1	49	18.37	18.27	18.35	18.34	18.25		
20	256QAM	1	99	18.17	18.28	18.33	18.15	18.27		
20	256QAM	50	0	18.37	18.46	18.40	18.34	18.34	19.4	4
20	256QAM	50	24	18.33	18.42	18.44	18.34	18.37		
20	256QAM	50	50	18.40	18.36	18.28	18.36	18.15		
20	256QAM	100	0	18.21	18.27	18.30	18.13	18.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.39	22.36	22.47	22.28	22.34	23.40	0
15	QPSK	1	37	22.35	22.30	22.34	22.32	22.18		
15	QPSK	1	74	22.28	22.22	22.28	22.19	22.35		
15	QPSK	36	0	22.29	22.29	22.37	22.29	22.38	23.4	0
15	QPSK	36	20	22.23	22.28	22.24	22.37	22.12		
15	QPSK	36	39	22.10	22.20	22.17	22.05	22.21		
15	QPSK	75	0	22.31	22.34	22.29	22.15	22.33		
15	16QAM	1	0	22.32	22.29	22.33	22.20	22.22	23.4	0
15	16QAM	1	37	22.30	22.26	22.20	22.24	22.12		
15	16QAM	1	74	22.21	22.24	22.16	22.08	22.21		
15	16QAM	36	0	21.36	21.28	21.42	21.31	21.35	22.4	1
15	16QAM	36	20	21.29	21.28	21.33	21.31	21.22		
15	16QAM	36	39	21.14	21.28	21.20	21.12	21.28		
15	16QAM	75	0	21.24	21.35	21.39	21.17	21.25		
15	64QAM	1	0	21.22	21.24	21.36	21.23	21.29	22.4	1
15	64QAM	1	37	21.26	21.28	21.28	21.23	21.19		
15	64QAM	1	74	21.12	21.21	21.14	21.04	21.18		
15	64QAM	36	0	20.39	20.24	20.44	20.25	20.41	21.4	2
15	64QAM	36	20	20.30	20.20	20.30	20.38	20.23		
15	64QAM	36	39	20.08	20.27	20.16	20.09	20.19		
15	64QAM	75	0	20.21	20.29	20.36	20.20	20.21		
15	256QAM	1	0	18.36	18.25	18.45	18.27	18.37	19.4	4
15	256QAM	1	37	18.29	18.22	18.32	18.31	18.22		
15	256QAM	1	74	18.15	18.22	18.22	18.10	18.25		
15	256QAM	36	0	18.27	18.38	18.28	18.28	18.23	19.4	4
15	256QAM	36	20	18.19	18.35	18.32	18.22	18.33		
15	256QAM	36	39	18.37	18.26	18.19	18.28	18.01		
15	256QAM	75	0	18.10	18.20	18.22	17.99	18.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.38	22.45	22.34	22.37	23.40	0
10	QPSK	1	25	22.37	22.34	22.36	22.31	22.23		
10	QPSK	1	49	22.19	22.23	22.32	22.24	22.29		
10	QPSK	25	0	22.31	22.32	22.39	22.35	22.35	23.4	0
10	QPSK	25	12	22.27	22.23	22.31	22.31	22.17		
10	QPSK	25	25	22.19	22.20	22.21	22.02	22.25		
10	QPSK	50	0	22.32	22.38	22.31	22.22	22.28		
10	16QAM	1	0	22.22	22.28	22.38	22.21	22.22	23.4	0
10	16QAM	1	25	22.27	22.23	22.22	22.32	22.06		
10	16QAM	1	49	22.14	22.23	22.18	22.09	22.27		
10	16QAM	25	0	21.36	21.31	21.46	21.32	21.35	22.4	1
10	16QAM	25	12	21.29	21.25	21.26	21.32	21.23		
10	16QAM	25	25	21.05	21.29	21.28	21.04	21.22		
10	16QAM	50	0	21.28	21.35	21.44	21.19	21.28		
10	64QAM	1	0	21.28	21.26	21.36	21.20	21.22	22.4	1
10	64QAM	1	25	21.19	21.30	21.29	21.29	21.16		
10	64QAM	1	49	21.11	21.18	21.22	21.04	21.24		
10	64QAM	25	0	20.33	20.24	20.38	20.27	20.37	21.4	2
10	64QAM	25	12	20.33	20.24	20.29	20.36	20.21		
10	64QAM	25	25	20.09	20.17	20.19	20.08	20.23		
10	64QAM	50	0	20.23	20.32	20.43	20.15	20.20		
10	256QAM	1	0	18.38	18.26	18.47	18.30	18.42	19.4	4
10	256QAM	1	25	18.28	18.14	18.26	18.27	18.18		
10	256QAM	1	49	18.09	18.14	18.19	18.02	18.18		
10	256QAM	25	0	18.24	18.32	18.29	18.27	18.21	19.4	4
10	256QAM	25	12	18.23	18.30	18.39	18.32	18.24		
10	256QAM	25	25	18.32	18.30	18.16	18.32	18.08		
10	256QAM	50	0	18.09	18.16	18.16	18.02	18.15		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.35	22.33	22.43	22.31	22.42	23.40	0
5	QPSK	1	12	22.45	22.26	22.33	22.36	22.18		
5	QPSK	1	24	22.22	22.25	22.29	22.26	22.30		
5	QPSK	12	0	22.34	22.24	22.38	22.25	22.32	23.4	0
5	QPSK	12	7	22.30	22.25	22.24	22.28	22.14		
5	QPSK	12	13	22.17	22.19	22.16	22.04	22.22		
5	QPSK	25	0	22.24	22.31	22.40	22.15	22.29		
5	16QAM	1	0	22.28	22.27	22.31	22.27	22.29	23.4	0
5	16QAM	1	12	22.24	22.26	22.23	22.32	22.12		
5	16QAM	1	24	22.19	22.21	22.23	22.07	22.24		
5	16QAM	12	0	21.41	21.33	21.40	21.27	21.31	22.4	1
5	16QAM	12	7	21.24	21.26	21.25	21.25	21.15		
5	16QAM	12	13	21.14	21.30	21.23	21.11	21.20		
5	16QAM	25	0	21.24	21.37	21.36	21.19	21.24		
5	64QAM	1	0	21.22	21.25	21.35	21.16	21.20	22.4	1
5	64QAM	1	12	21.23	21.30	21.32	21.28	21.08		
5	64QAM	1	24	21.11	21.27	21.21	20.98	21.20		
5	64QAM	12	0	20.43	20.23	20.43	20.30	20.46	21.4	2
5	64QAM	12	7	20.27	20.22	20.22	20.34	20.23		
5	64QAM	12	13	20.08	20.24	20.14	20.04	20.14		
5	64QAM	25	0	20.31	20.32	20.36	20.19	20.26		
5	256QAM	1	0	18.40	18.21	18.47	18.26	18.36	19.4	4
5	256QAM	1	12	18.29	18.24	18.30	18.22	18.14		
5	256QAM	1	24	18.08	18.14	18.23	18.12	18.18		
5	256QAM	12	0	18.30	18.41	18.35	18.31	18.30	19.4	4
5	256QAM	12	7	18.25	18.35	18.41	18.32	18.33		
5	256QAM	12	13	18.32	18.25	18.18	18.23	18.12		
5	256QAM	25	0	18.08	18.24	18.27	18.07	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.51	20.68	20.50	21.6	0
20	QPSK	1	49	20.52	20.64	20.50		
20	QPSK	1	99	20.50	20.53	20.53		
20	QPSK	50	0	19.99	20.12	20.04	21.1	0.5
20	QPSK	50	24	20.01	20.11	19.97		
20	QPSK	50	50	20.04	20.10	20.02		
20	QPSK	100	0	20.01	20.11	20.05		
20	16QAM	1	0	20.02	20.04	19.96	21.1	0.5
20	16QAM	1	49	20.06	20.03	19.95		
20	16QAM	1	99	20.04	20.02	20.01		
20	16QAM	50	0	19.02	19.08	19.06	20.1	1.5
20	16QAM	50	24	19.00	19.05	18.99		
20	16QAM	50	50	19.07	19.06	19.02		
20	16QAM	100	0	18.98	19.08	19.00		
20	64QAM	1	0	18.97	19.04	19.02	20.1	1.5
20	64QAM	1	49	19.05	19.11	19.02		
20	64QAM	1	99	19.05	19.04	18.99		
20	64QAM	50	0	18.01	18.01	17.95	19.1	2.5
20	64QAM	50	24	18.05	18.08	18.04		
20	64QAM	50	50	17.98	18.11	17.99		
20	64QAM	100	0	18.01	18.06	18.00		
20	256QAM	1	0	16.04	16.11	16.00	17.1	4.5
20	256QAM	1	49	16.03	16.03	16.05		
20	256QAM	1	99	15.96	16.05	15.94		
20	256QAM	50	0	16.05	16.09	15.99	17.1	4.5
20	256QAM	50	24	16.05	16.03	16.01		
20	256QAM	50	50	16.01	16.06	16.01		
20	256QAM	100	0	15.99	16.04	15.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.37	20.55	20.42	21.6	0
15	QPSK	1	37	20.43	20.49	20.37		
15	QPSK	1	74	20.38	20.45	20.44		
15	QPSK	36	0	19.95	19.86	20.00	21.1	0.5
15	QPSK	36	20	19.94	20.06	19.82		
15	QPSK	36	39	19.93	20.05	19.90		
15	QPSK	75	0	19.86	20.02	19.95		
15	16QAM	1	0	19.94	19.88	19.80	21.1	0.5
15	16QAM	1	37	20.00	19.90	19.84		
15	16QAM	1	74	19.91	19.92	19.90		
15	16QAM	36	0	18.95	18.99	18.90	20.1	1.5
15	16QAM	36	20	18.86	18.90	18.91		
15	16QAM	36	39	18.94	18.99	18.96		
15	16QAM	75	0	18.91	19.00	18.91		
15	64QAM	1	0	18.91	18.94	18.91	20.1	1.5
15	64QAM	1	37	18.96	18.97	18.88		
15	64QAM	1	74	18.94	18.91	18.87		
15	64QAM	36	0	17.89	17.90	17.86	19.1	2.5
15	64QAM	36	20	17.95	17.94	17.92		
15	64QAM	36	39	17.83	18.04	17.94		
15	64QAM	75	0	17.85	17.93	17.85		
15	256QAM	1	0	15.96	16.06	15.91	17.1	4.5
15	256QAM	1	37	15.88	15.92	15.92		
15	256QAM	1	74	15.83	15.98	15.88		
15	256QAM	36	0	15.92	16.04	15.86	17.1	4.5
15	256QAM	36	20	15.95	15.96	15.94		
15	256QAM	36	39	15.93	16.00	15.90		
15	256QAM	75	0	15.93	15.97	15.93		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.37	20.58	20.36	21.6	0
10	QPSK	1	25	20.42	20.55	20.34		
10	QPSK	1	49	20.37	20.48	20.40		
10	QPSK	25	0	19.88	19.96	19.96	21.1	0.5
10	QPSK	25	12	19.94	20.03	19.82		
10	QPSK	25	25	19.91	19.97	19.91		
10	QPSK	50	0	19.87	20.06	19.91		
10	16QAM	1	0	19.90	19.91	19.83	21.1	0.5
10	16QAM	1	25	19.94	19.88	19.83		
10	16QAM	1	49	19.95	19.94	19.97		
10	16QAM	25	0	18.92	19.01	19.01	20.1	1.5
10	16QAM	25	12	18.87	18.91	18.92		
10	16QAM	25	25	19.01	19.02	18.87		
10	16QAM	50	0	18.89	19.00	18.91		
10	64QAM	1	0	18.82	18.97	18.94	20.1	1.5
10	64QAM	1	25	18.99	19.00	18.97		
10	64QAM	1	49	18.90	19.00	18.94		
10	64QAM	25	0	17.89	17.90	17.91	19.1	2.5
10	64QAM	25	12	17.90	18.02	17.91		
10	64QAM	25	25	17.94	17.97	17.84		
10	64QAM	50	0	17.95	17.98	17.88		
10	256QAM	1	0	15.92	16.05	15.95	17.1	4.5
10	256QAM	1	25	15.88	15.93	15.98		
10	256QAM	1	49	15.89	15.97	15.88		
10	256QAM	25	0	16.01	15.98	15.84	17.1	4.5
10	256QAM	25	12	15.90	15.91	15.90		
10	256QAM	25	25	15.92	16.00	15.93		
10	256QAM	50	0	15.89	15.95	15.86		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.42	20.64	20.40	21.6	0
5	QPSK	1	12	20.41	20.53	20.37		
5	QPSK	1	24	20.40	20.45	20.39		
5	QPSK	12	0	19.88	19.87	19.97	21.1	0.5
5	QPSK	12	7	19.95	20.04	19.91		
5	QPSK	12	13	19.92	20.05	19.88		
5	QPSK	25	0	19.90	20.01	19.98		
5	16QAM	1	0	19.93	19.93	19.81	21.1	0.5
5	16QAM	1	12	19.92	19.88	19.85		
5	16QAM	1	24	19.97	19.89	19.90		
5	16QAM	12	0	18.94	19.04	19.00	20.1	1.5
5	16QAM	12	7	18.95	18.96	18.91		
5	16QAM	12	13	19.00	19.01	18.93		
5	16QAM	25	0	18.91	18.94	18.88		
5	64QAM	1	0	18.91	18.88	18.90	20.1	1.5
5	64QAM	1	12	18.92	18.96	18.87		
5	64QAM	1	24	18.95	18.98	18.93		
5	64QAM	12	0	17.96	17.85	17.88	19.1	2.5
5	64QAM	12	7	17.97	17.99	17.89		
5	64QAM	12	13	17.91	17.99	17.85		
5	64QAM	25	0	17.89	17.91	17.90		
5	256QAM	1	0	15.96	15.99	15.92	17.1	4.5
5	256QAM	1	12	15.90	15.90	15.94		
5	256QAM	1	24	15.88	15.96	15.86		
5	256QAM	12	0	16.00	16.00	15.92	17.1	4.5
5	256QAM	12	7	15.94	15.98	15.96		
5	256QAM	12	13	15.87	16.01	15.85		
5	256QAM	25	0	15.92	15.97	15.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.58	19.65	19.53	19.53	20.7	0
20	QPSK	1	49	19.60	19.59	19.40	19.42		
20	QPSK	1	99	19.47	19.58	19.47	19.42		
20	QPSK	50	0	18.64	18.66	18.55	18.59	20.2	0.5
20	QPSK	50	24	18.59	18.52	18.41	18.38		
20	QPSK	50	50	18.48	18.51	18.49	18.38		
20	QPSK	100	0	18.64	18.65	18.63	18.44		
20	16QAM	1	0	18.59	18.63	18.54	18.49	20.2	0.5
20	16QAM	1	49	18.55	18.56	18.36	18.37		
20	16QAM	1	99	18.36	18.48	18.39	18.40		
20	16QAM	50	0	17.59	17.57	17.52	17.65	19.2	1.5
20	16QAM	50	24	17.57	17.53	17.35	17.43		
20	16QAM	50	50	17.45	17.51	17.53	17.43		
20	16QAM	100	0	17.50	17.60	17.60	17.53		
20	64QAM	1	0	17.52	17.56	17.55	17.55	19.2	1.5
20	64QAM	1	49	17.58	17.62	17.40	17.36		
20	64QAM	1	99	17.34	17.56	17.42	17.47		
20	64QAM	50	0	16.57	16.61	16.61	16.59	18.2	2.5
20	64QAM	50	24	16.59	16.56	16.41	16.36		
20	64QAM	50	50	16.50	16.46	16.52	16.45		
20	64QAM	100	0	16.72	16.66	16.60	16.56		
20	256QAM	1	0	14.64	14.62	14.58	14.54	16.2	4.5
20	256QAM	1	49	14.66	14.47	14.38	14.43		
20	256QAM	1	99	14.36	14.44	14.44	14.51		
20	256QAM	50	0	14.55	14.55	14.64	14.51	16.2	4.5
20	256QAM	50	24	14.55	14.57	14.58	14.45		
20	256QAM	50	50	14.59	14.58	14.41	14.37		
20	256QAM	100	0	14.38	14.37	14.40	14.40		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.44	19.59	19.45	19.38	20.7	0
15	QPSK	1	37	19.51	19.47	19.30	19.37		
15	QPSK	1	74	19.38	19.48	19.34	19.31		
15	QPSK	36	0	18.50	18.53	18.51	18.48	20.2	0.5
15	QPSK	36	20	18.52	18.38	18.33	18.31		
15	QPSK	36	39	18.35	18.39	18.38	18.29		
15	QPSK	75	0	18.57	18.59	18.49	18.32		
15	16QAM	1	0	18.48	18.49	18.48	18.41	20.2	0.5
15	16QAM	1	37	18.49	18.42	18.32	18.27		
15	16QAM	1	74	18.26	18.34	18.26	18.26		
15	16QAM	36	0	17.44	17.43	17.42	17.58	19.2	1.5
15	16QAM	36	20	17.50	17.42	17.22	17.29		
15	16QAM	36	39	17.36	17.43	17.41	17.37		
15	16QAM	75	0	17.40	17.50	17.53	17.44		
15	64QAM	1	0	17.48	17.52	17.51	17.49	19.2	1.5
15	64QAM	1	37	17.46	17.51	17.32	17.24		
15	64QAM	1	74	17.24	17.42	17.27	17.43		
15	64QAM	36	0	16.47	16.55	16.46	16.51	18.2	2.5
15	64QAM	36	20	16.51	16.51	16.31	16.31		
15	64QAM	36	39	16.37	16.35	16.44	16.35		
15	64QAM	75	0	16.66	16.59	16.54	16.43		
15	256QAM	1	0	14.52	14.47	14.52	14.49	16.2	4.5
15	256QAM	1	37	14.54	14.37	14.25	14.33		
15	256QAM	1	74	14.24	14.32	14.32	14.46		
15	256QAM	36	0	14.45	14.47	14.56	14.42	16.2	4.5
15	256QAM	36	20	14.40	14.46	14.53	14.40		
15	256QAM	36	39	14.54	14.53	14.25	14.28		
15	256QAM	75	0	14.27	14.26	14.27	14.32		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.46	19.57	19.42	19.41	20.7	0
10	QPSK	1	25	19.45	19.54	19.35	19.35		
10	QPSK	1	49	19.34	19.45	19.38	19.30		
10	QPSK	25	0	18.51	18.51	18.47	18.54	20.2	0.5
10	QPSK	25	12	18.51	18.37	18.32	18.34		
10	QPSK	25	25	18.34	18.39	18.41	18.33		
10	QPSK	50	0	18.48	18.53	18.56	18.38		
10	16QAM	1	0	18.50	18.54	18.44	18.41	20.2	0.5
10	16QAM	1	25	18.39	18.51	18.28	18.30		
10	16QAM	1	49	18.22	18.36	18.32	18.33		
10	16QAM	25	0	17.45	17.51	17.43	17.50	19.2	1.5
10	16QAM	25	12	17.53	17.44	17.20	17.35		
10	16QAM	25	25	17.33	17.38	17.48	17.39		
10	16QAM	50	0	17.45	17.49	17.48	17.39		
10	64QAM	1	0	17.46	17.42	17.42	17.46	19.2	1.5
10	64QAM	1	25	17.45	17.47	17.32	17.21		
10	64QAM	1	49	17.25	17.47	17.37	17.36		
10	64QAM	25	0	16.48	16.48	16.54	16.49	18.2	2.5
10	64QAM	25	12	16.54	16.49	16.27	16.24		
10	64QAM	25	25	16.44	16.41	16.45	16.33		
10	64QAM	50	0	16.65	16.61	16.46	16.49		
10	256QAM	1	0	14.53	14.46	14.54	14.48	16.2	4.5
10	256QAM	1	25	14.61	14.41	14.28	14.32		
10	256QAM	1	49	14.23	14.32	14.32	14.44		
10	256QAM	25	0	14.47	14.44	14.58	14.36	16.2	4.5
10	256QAM	25	12	14.48	14.44	14.45	14.35		
10	256QAM	25	25	14.48	14.45	14.29	14.25		
10	256QAM	50	0	14.26	14.23	14.36	14.29		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.50	19.54	19.41	19.49	20.7	0
5	QPSK	1	12	19.49	19.49	19.28	19.37		
5	QPSK	1	24	19.40	19.50	19.37	19.37		
5	QPSK	12	0	18.53	18.53	18.46	18.49	20.2	0.5
5	QPSK	12	7	18.49	18.38	18.27	18.23		
5	QPSK	12	13	18.44	18.42	18.37	18.34		
5	QPSK	25	0	18.56	18.53	18.56	18.32		
5	16QAM	1	0	18.52	18.52	18.43	18.38	20.2	0.5
5	16QAM	1	12	18.42	18.49	18.23	18.27		
5	16QAM	1	24	18.30	18.37	18.31	18.30		
5	16QAM	12	0	17.49	17.45	17.40	17.55	19.2	1.5
5	16QAM	12	7	17.48	17.46	17.25	17.32		
5	16QAM	12	13	17.34	17.47	17.46	17.38		
5	16QAM	25	0	17.40	17.47	17.51	17.44		
5	64QAM	1	0	17.47	17.51	17.48	17.49	19.2	1.5
5	64QAM	1	12	17.49	17.57	17.34	17.28		
5	64QAM	1	24	17.25	17.45	17.28	17.37		
5	64QAM	12	0	16.49	16.50	16.53	16.45	18.2	2.5
5	64QAM	12	7	16.54	16.48	16.31	16.27		
5	64QAM	12	13	16.46	16.31	16.41	16.30		
5	64QAM	25	0	16.63	16.55	16.49	16.51		
5	256QAM	1	0	14.51	14.48	14.54	14.49	16.2	4.5
5	256QAM	1	12	14.53	14.35	14.27	14.39		
5	256QAM	1	24	14.30	14.36	14.38	14.37		
5	256QAM	12	0	14.45	14.43	14.50	14.45	16.2	4.5
5	256QAM	12	7	14.41	14.44	14.45	14.31		
5	256QAM	12	13	14.53	14.50	14.30	14.27		
5	256QAM	25	0	14.33	14.22	14.33	14.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.79	17.96	17.88	19	0
20	QPSK	1	49	17.76	17.89	17.89		
20	QPSK	1	99	17.79	17.93	17.79		
20	QPSK	50	0	17.78	17.93	17.87	19	0
20	QPSK	50	24	17.80	17.85	17.89		
20	QPSK	50	50	17.86	17.92	17.87		
20	QPSK	100	0	17.84	17.89	17.87		
20	16QAM	1	0	17.78	17.84	17.84	19	0
20	16QAM	1	49	17.80	17.92	17.85		
20	16QAM	1	99	17.80	17.86	17.88		
20	16QAM	50	0	17.78	17.88	17.83	19	0
20	16QAM	50	24	17.84	17.94	17.87		
20	16QAM	50	50	17.82	17.84	17.90		
20	16QAM	100	0	17.82	17.86	17.86		
20	64QAM	1	0	17.77	17.93	17.85	19	0
20	64QAM	1	49	17.87	17.94	17.89		
20	64QAM	1	99	17.83	17.87	17.85		
20	64QAM	50	0	17.77	17.86	17.83	19	0
20	64QAM	50	24	17.87	17.93	17.84		
20	64QAM	50	50	17.76	17.87	17.80		
20	64QAM	100	0	17.85	17.94	17.90		
20	256QAM	1	0	17.77	17.87	17.79	19	0
20	256QAM	1	49	17.82	17.90	17.81		
20	256QAM	1	99	17.80	17.87	17.83		
20	256QAM	50	0	17.82	17.93	17.89	19	0
20	256QAM	50	24	17.79	17.90	17.87		
20	256QAM	50	50	17.86	17.85	17.85		
20	256QAM	100	0	17.78	17.91	17.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.66	17.75	17.84	19	0
15	QPSK	1	37	17.72	17.74	17.77		
15	QPSK	1	74	17.65	17.80	17.64		
15	QPSK	36	0	17.65	17.79	17.77	19	0
15	QPSK	36	20	17.70	17.78	17.75		
15	QPSK	36	39	17.81	17.86	17.79		
15	QPSK	75	0	17.72	17.75	17.74		
15	16QAM	1	0	17.74	17.70	17.69	19	0
15	16QAM	1	37	17.75	17.82	17.80		
15	16QAM	1	74	17.67	17.73	17.77		
15	16QAM	36	0	17.69	17.79	17.75	19	0
15	16QAM	36	20	17.73	17.88	17.74		
15	16QAM	36	39	17.78	17.74	17.82		
15	16QAM	75	0	17.67	17.74	17.72		
15	64QAM	1	0	17.69	17.86	17.70	19	0
15	64QAM	1	37	17.79	17.88	17.75		
15	64QAM	1	74	17.72	17.71	17.70		
15	64QAM	36	0	17.69	17.76	17.67	19	0
15	64QAM	36	20	17.72	17.78	17.69		
15	64QAM	36	39	17.70	17.71	17.71		
15	64QAM	75	0	17.71	17.84	17.74		
15	256QAM	1	0	17.63	17.73	17.67	19	0
15	256QAM	1	37	17.68	17.82	17.72		
15	256QAM	1	74	17.71	17.80	17.71		
15	256QAM	36	0	17.72	17.85	17.77	19	0
15	256QAM	36	20	17.68	17.81	17.73		
15	256QAM	36	39	17.81	17.79	17.79		
15	256QAM	75	0	17.66	17.85	17.69		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.65	17.75	17.80	19	0
10	QPSK	1	25	17.72	17.82	17.80		
10	QPSK	1	49	17.73	17.79	17.69		
10	QPSK	25	0	17.66	17.80	17.71	19	0
10	QPSK	25	12	17.72	17.81	17.75		
10	QPSK	25	25	17.73	17.80	17.76		
10	QPSK	50	0	17.74	17.77	17.73		
10	16QAM	1	0	17.71	17.72	17.77	19	0
10	16QAM	1	25	17.68	17.82	17.71		
10	16QAM	1	49	17.73	17.75	17.74		
10	16QAM	25	0	17.69	17.79	17.70	19	0
10	16QAM	25	12	17.68	17.82	17.74		
10	16QAM	25	25	17.74	17.73	17.84		
10	16QAM	50	0	17.72	17.75	17.76		
10	64QAM	1	0	17.70	17.84	17.74	19	0
10	64QAM	1	25	17.79	17.85	17.82		
10	64QAM	1	49	17.70	17.82	17.73		
10	64QAM	25	0	17.63	17.70	17.75	19	0
10	64QAM	25	12	17.80	17.80	17.72		
10	64QAM	25	25	17.64	17.72	17.69		
10	64QAM	50	0	17.75	17.87	17.78		
10	256QAM	1	0	17.71	17.72	17.65	19	0
10	256QAM	1	25	17.66	17.79	17.74		
10	256QAM	1	49	17.73	17.83	17.68		
10	256QAM	25	0	17.70	17.85	17.83	19	0
10	256QAM	25	12	17.69	17.79	17.82		
10	256QAM	25	25	17.81	17.71	17.80		
10	256QAM	50	0	17.62	17.86	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.71	17.78	17.84	19	0
5	QPSK	1	12	17.65	17.82	17.78		
5	QPSK	1	24	17.64	17.85	17.72		
5	QPSK	12	0	17.67	17.78	17.79	19	0
5	QPSK	12	7	17.73	17.80	17.84		
5	QPSK	12	13	17.77	17.80	17.78		
5	QPSK	25	0	17.70	17.81	17.82		
5	16QAM	1	0	17.66	17.75	17.76	19	0
5	16QAM	1	12	17.71	17.87	17.80		
5	16QAM	1	24	17.73	17.81	17.75		
5	16QAM	12	0	17.64	17.83	17.72	19	0
5	16QAM	12	7	17.73	17.81	17.75		
5	16QAM	12	13	17.70	17.69	17.80		
5	16QAM	25	0	17.75	17.82	17.72		
5	64QAM	1	0	17.69	17.81	17.70	19	0
5	64QAM	1	12	17.79	17.79	17.78		
5	64QAM	1	24	17.75	17.72	17.74		
5	64QAM	12	0	17.67	17.73	17.76	19	0
5	64QAM	12	7	17.73	17.78	17.70		
5	64QAM	12	13	17.71	17.72	17.75		
5	64QAM	25	0	17.79	17.79	17.77		
5	256QAM	1	0	17.64	17.72	17.68	19	0
5	256QAM	1	12	17.78	17.81	17.65		
5	256QAM	1	24	17.72	17.79	17.78		
5	256QAM	12	0	17.72	17.78	17.74	19	0
5	256QAM	12	7	17.74	17.83	17.76		
5	256QAM	12	13	17.77	17.71	17.73		
5	256QAM	25	0	17.71	17.79	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.86	17.95	17.76	17.70	18.9	0
20	QPSK	1	49	17.80	17.84	17.78	17.79		
20	QPSK	1	99	17.86	17.82	17.79	17.77		
20	QPSK	50	0	17.79	17.93	17.73	17.80	18.9	0
20	QPSK	50	24	17.81	17.90	17.76	17.77		
20	QPSK	50	50	17.75	17.80	17.78	17.79		
20	QPSK	100	0	17.86	17.89	17.77	17.74		
20	16QAM	1	0	17.83	17.90	17.78	17.74	18.9	0
20	16QAM	1	49	17.78	17.87	17.83	17.72		
20	16QAM	1	99	17.86	17.90	17.83	17.80		
20	16QAM	50	0	17.85	17.87	17.79	17.73	18.9	0
20	16QAM	50	24	17.79	17.83	17.81	17.73		
20	16QAM	50	50	17.85	17.84	17.80	17.69		
20	16QAM	100	0	17.83	17.79	17.75	17.75		
20	64QAM	1	0	17.82	17.82	17.72	17.80	18.9	0
20	64QAM	1	49	17.81	17.81	17.84	17.79		
20	64QAM	1	99	17.85	17.81	17.81	17.81		
20	64QAM	50	0	17.84	17.85	17.72	17.74	18.9	0
20	64QAM	50	24	17.76	17.87	17.82	17.70		
20	64QAM	50	50	17.82	17.85	17.78	17.72		
20	64QAM	100	0	17.80	17.83	17.78	17.79		
20	256QAM	1	0	17.78	17.81	17.76	17.72	18.9	0
20	256QAM	1	49	17.83	17.86	17.72	17.73		
20	256QAM	1	99	17.81	17.90	17.76	17.70		
20	256QAM	50	0	17.84	17.87	17.74	17.69	18.9	0
20	256QAM	50	24	17.76	17.91	17.76	17.72		
20	256QAM	50	50	17.85	17.84	17.78	17.79		
20	256QAM	100	0	17.80	17.82	17.75	17.73		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.77	17.71	17.64	17.54	18.9	0
15	QPSK	1	37	17.66	17.72	17.67	17.71		
15	QPSK	1	74	17.82	17.76	17.69	17.67		
15	QPSK	36	0	17.64	17.66	17.60	17.69	18.9	0
15	QPSK	36	20	17.74	17.79	17.63	17.66		
15	QPSK	36	39	17.59	17.70	17.64	17.73		
15	QPSK	75	0	17.79	17.84	17.69	17.65		
15	16QAM	1	0	17.75	17.76	17.63	17.60	18.9	0
15	16QAM	1	37	17.73	17.78	17.78	17.64		
15	16QAM	1	74	17.76	17.76	17.74	17.71		
15	16QAM	36	0	17.72	17.77	17.71	17.66	18.9	0
15	16QAM	36	20	17.73	17.70	17.68	17.63		
15	16QAM	36	39	17.77	17.75	17.70	17.65		
15	16QAM	75	0	17.68	17.70	17.61	17.64		
15	64QAM	1	0	17.78	17.72	17.63	17.74	18.9	0
15	64QAM	1	37	17.68	17.72	17.76	17.74		
15	64QAM	1	74	17.78	17.72	17.72	17.67		
15	64QAM	36	0	17.76	17.76	17.63	17.62	18.9	0
15	64QAM	36	20	17.70	17.82	17.68	17.58		
15	64QAM	36	39	17.70	17.71	17.62	17.63		
15	64QAM	75	0	17.66	17.75	17.70	17.75		
15	256QAM	1	0	17.62	17.71	17.67	17.60	18.9	0
15	256QAM	1	37	17.67	17.76	17.59	17.68		
15	256QAM	1	74	17.74	17.75	17.70	17.62		
15	256QAM	36	0	17.73	17.77	17.66	17.61	18.9	0
15	256QAM	36	20	17.65	17.86	17.64	17.60		
15	256QAM	36	39	17.73	17.79	17.72	17.66		
15	256QAM	75	0	17.75	17.69	17.66	17.63		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.79	17.71	17.70	17.63	18.9	0
10	QPSK	1	25	17.75	17.74	17.69	17.74		
10	QPSK	1	49	17.76	17.74	17.74	17.66		
10	QPSK	25	0	17.67	17.69	17.65	17.74	18.9	0
10	QPSK	25	12	17.70	17.82	17.61	17.62		
10	QPSK	25	25	17.62	17.65	17.68	17.68		
10	QPSK	50	0	17.74	17.80	17.69	17.68		
10	16QAM	1	0	17.71	17.74	17.72	17.63	18.9	0
10	16QAM	1	25	17.70	17.77	17.74	17.58		
10	16QAM	1	49	17.70	17.80	17.72	17.70		
10	16QAM	25	0	17.76	17.80	17.68	17.67	18.9	0
10	16QAM	25	12	17.66	17.75	17.67	17.63		
10	16QAM	25	25	17.76	17.71	17.67	17.62		
10	16QAM	50	0	17.68	17.69	17.70	17.59		
10	64QAM	1	0	17.66	17.68	17.65	17.69	18.9	0
10	64QAM	1	25	17.68	17.71	17.77	17.72		
10	64QAM	1	49	17.79	17.69	17.65	17.70		
10	64QAM	25	0	17.74	17.72	17.64	17.60	18.9	0
10	64QAM	25	12	17.61	17.76	17.68	17.58		
10	64QAM	25	25	17.69	17.73	17.64	17.64		
10	64QAM	50	0	17.68	17.79	17.71	17.73		
10	256QAM	1	0	17.67	17.69	17.60	17.56	18.9	0
10	256QAM	1	25	17.75	17.71	17.67	17.62		
10	256QAM	1	49	17.71	17.83	17.70	17.63		
10	256QAM	25	0	17.73	17.75	17.65	17.64	18.9	0
10	256QAM	25	12	17.71	17.76	17.66	17.64		
10	256QAM	25	25	17.74	17.73	17.64	17.64		
10	256QAM	50	0	17.71	17.74	17.71	17.59		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.74	17.70	17.64	17.58	18.9	0
5	QPSK	1	12	17.70	17.77	17.72	17.65		
5	QPSK	1	24	17.72	17.73	17.64	17.64		
5	QPSK	12	0	17.74	17.66	17.58	17.73	18.9	0
5	QPSK	12	7	17.69	17.81	17.70	17.61		
5	QPSK	12	13	17.66	17.76	17.69	17.70		
5	QPSK	25	0	17.79	17.75	17.65	17.69		
5	16QAM	1	0	17.69	17.85	17.69	17.69	18.9	0
5	16QAM	1	12	17.64	17.73	17.79	17.60		
5	16QAM	1	24	17.71	17.81	17.70	17.74		
5	16QAM	12	0	17.80	17.83	17.71	17.58	18.9	0
5	16QAM	12	7	17.66	17.73	17.68	17.67		
5	16QAM	12	13	17.78	17.76	17.73	17.57		
5	16QAM	25	0	17.75	17.71	17.71	17.63		
5	64QAM	1	0	17.71	17.77	17.58	17.71	18.9	0
5	64QAM	1	12	17.73	17.73	17.78	17.68		
5	64QAM	1	24	17.76	17.76	17.75	17.70		
5	64QAM	12	0	17.75	17.72	17.67	17.60	18.9	0
5	64QAM	12	7	17.61	17.71	17.74	17.65		
5	64QAM	12	13	17.74	17.71	17.65	17.63		
5	64QAM	25	0	17.72	17.69	17.65	17.63		
5	256QAM	1	0	17.63	17.67	17.69	17.64	18.9	0
5	256QAM	1	12	17.71	17.76	17.59	17.67		
5	256QAM	1	24	17.67	17.81	17.62	17.62		
5	256QAM	12	0	17.69	17.80	17.63	17.59	18.9	0
5	256QAM	12	7	17.72	17.83	17.70	17.64		
5	256QAM	12	13	17.72	17.78	17.62	17.64		
5	256QAM	25	0	17.65	17.76	17.69	17.60		

Reduced Power Mode for DSI4

GSM850 Ant0 DSI4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.11	33.00	23.12	23.15	23.11	24.00
GPRS 1 Tx slot	32.02	32.06	32.01	33.00	23.02	23.06	23.01	24.00
GPRS 2 Tx slots	28.91	28.93	28.90	30.00	22.91	22.93	22.90	24.00
GPRS 3 Tx slots	27.25	27.30	27.22	28.20	22.99	23.04	22.96	23.94
GPRS 4 Tx slots	26.09	26.11	26.05	27.00	23.09	23.11	23.05	24.00
EDGE 1 Tx slot	26.00	26.05	26.02	28.00	17.00	17.05	17.02	19.00
EDGE 2 Tx slots	23.98	24.03	23.95	25.00	17.98	18.03	17.95	19.00
EDGE 3 Tx slots	21.99	22.06	22.01	23.20	17.73	17.80	17.75	18.94
EDGE 4 Tx slots	21.15	21.27	21.21	22.00	18.15	18.27	18.21	19.00

WCDMA V Ant0 DSI4

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.28	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.35	24.22	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.33	23.18	24.00
3GPP Rel 6	HSDPA Subtest-2	23.24	23.35	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	22.74	22.89	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.80	22.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.35	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.39	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.90	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.86	22.67	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.40	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	22.20	22.41	22.17	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.32	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.22	23.32	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.88	20.74	21.50

Band 5 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.19	25.21	25.16	25.7	0
10	QPSK	1	25	25.20	25.17	25.07		
10	QPSK	1	49	25.19	25.16	25.07		
10	QPSK	25	0	24.16	24.23	24.22	24.7	1
10	QPSK	25	12	24.19	24.13	24.08		
10	QPSK	25	25	24.14	24.19	24.11		
10	QPSK	50	0	24.16	24.25	24.19		
10	16QAM	1	0	24.11	24.14	24.21	24.7	1
10	16QAM	1	25	24.13	24.10	24.05		
10	16QAM	1	49	24.13	24.14	24.07		
10	16QAM	25	0	23.18	23.22	23.28	23.7	2
10	16QAM	25	12	23.19	23.09	23.03		
10	16QAM	25	25	23.13	23.20	23.15		
10	16QAM	50	0	23.12	23.27	23.24		
10	64QAM	1	0	23.14	23.20	23.21	23.7	2
10	64QAM	1	25	23.14	23.07	23.02		
10	64QAM	1	49	23.14	23.15	23.03		
10	64QAM	25	0	22.13	22.21	22.16	22.7	3
10	64QAM	25	12	22.17	22.17	22.14		
10	64QAM	25	25	22.11	22.21	22.08		
10	64QAM	50	0	22.20	22.21	22.13		
10	256QAM	1	0	20.19	20.28	20.25	20.7	5
10	256QAM	1	25	20.15	20.10	20.11		
10	256QAM	1	49	20.12	20.21	20.16		
10	256QAM	25	0	20.14	20.30	20.16	20.7	5
10	256QAM	25	12	20.05	20.17	20.23		
10	256QAM	25	25	20.16	20.13	20.10		
10	256QAM	50	0	20.18	20.19	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.16	25.07	25.7	0
5	QPSK	1	12	25.06	25.14	24.97		
5	QPSK	1	24	25.13	25.07	24.96		
5	QPSK	12	0	24.07	24.12	24.15	24.7	1
5	QPSK	12	7	24.06	24.01	24.03		
5	QPSK	12	13	24.09	24.12	24.03		
5	QPSK	25	0	24.10	24.20	24.15		
5	16QAM	1	0	23.99	24.04	24.15	24.7	1
5	16QAM	1	12	24.05	24.02	23.94		
5	16QAM	1	24	24.01	24.06	23.95		
5	16QAM	12	0	23.05	23.14	23.18	23.7	2
5	16QAM	12	7	23.10	23.07	22.90		
5	16QAM	12	13	23.09	23.10	23.10		
5	16QAM	25	0	23.08	23.23	23.22		
5	64QAM	1	0	23.00	23.09	23.12	23.7	2
5	64QAM	1	12	23.11	22.97	22.96		
5	64QAM	1	24	23.08	23.03	22.92		
5	64QAM	12	0	22.03	22.16	22.14	22.7	3
5	64QAM	12	7	22.09	22.14	22.10		
5	64QAM	12	13	22.00	22.18	21.96		
5	64QAM	25	0	22.07	22.08	22.06		
5	256QAM	1	0	20.16	20.17	20.23	20.7	5
5	256QAM	1	12	20.02	20.03	20.05		
5	256QAM	1	24	20.00	20.19	20.02		
5	256QAM	12	0	20.04	20.17	20.05	20.7	5
5	256QAM	12	7	20.01	20.13	20.19		
5	256QAM	12	13	20.04	20.00	20.06		
5	256QAM	25	0	20.07	20.08	19.93		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.14	25.09	25.10	25.7	0
3	QPSK	1	8	25.14	25.15	24.95		
3	QPSK	1	14	25.05	25.05	24.96		
3	QPSK	8	0	24.05	24.20	24.16	24.7	1
3	QPSK	8	4	24.06	23.99	24.03		
3	QPSK	8	7	24.04	24.11	24.01		
3	QPSK	15	0	24.11	24.17	24.16		
3	16QAM	1	0	24.02	24.11	24.15	24.7	1
3	16QAM	1	8	24.09	24.05	23.94		
3	16QAM	1	14	24.00	24.10	23.99		
3	16QAM	8	0	23.08	23.13	23.23	23.7	2
3	16QAM	8	4	23.11	23.03	22.93		
3	16QAM	8	7	23.03	23.08	23.03		
3	16QAM	15	0	23.00	23.24	23.21		
3	64QAM	1	0	23.02	23.17	23.10	23.7	2
3	64QAM	1	8	23.03	22.93	22.90		
3	64QAM	1	14	23.01	23.10	22.96		
3	64QAM	8	0	22.05	22.08	22.09	22.7	3
3	64QAM	8	4	22.05	22.09	22.07		
3	64QAM	8	7	22.01	22.16	21.99		
3	64QAM	15	0	22.10	22.09	22.01		
3	256QAM	1	0	20.11	20.15	20.14	20.7	5
3	256QAM	1	8	20.01	20.05	19.99		
3	256QAM	1	14	20.09	20.07	20.03		
3	256QAM	8	0	20.12	20.18	20.03	20.7	5
3	256QAM	8	4	19.99	20.13	20.21		
3	256QAM	8	7	20.05	20.01	20.00		
3	256QAM	15	0	20.15	20.08	19.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.10	25.11	25.14	25.7	0
1.4	QPSK	1	3	25.12	25.05	25.03		
1.4	QPSK	1	5	25.08	25.03	25.05		
1.4	QPSK	3	0	25.00	25.08	25.03		
1.4	QPSK	3	1	25.06	25.03	24.94		
1.4	QPSK	3	3	24.96	24.90	24.97		
1.4	QPSK	6	0	24.10	24.16	24.14	24.7	1
1.4	16QAM	1	0	24.03	24.06	24.08	24.7	1
1.4	16QAM	1	3	24.05	24.02	23.93		
1.4	16QAM	1	5	24.00	24.07	24.02		
1.4	16QAM	3	0	24.02	24.13	24.06		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	23.93	23.90	23.86		
1.4	16QAM	6	0	23.04	23.16	23.16	23.7	2
1.4	64QAM	1	0	23.06	23.11	23.16	23.7	2
1.4	64QAM	1	3	23.02	22.99	22.93		
1.4	64QAM	1	5	23.05	23.07	23.00		
1.4	64QAM	3	0	22.98	23.03	23.06		
1.4	64QAM	3	1	22.98	23.05	23.06		
1.4	64QAM	3	3	22.94	22.97	22.83		
1.4	64QAM	6	0	22.12	22.12	22.10	22.7	3
1.4	256QAM	1	0	20.11	20.21	20.16	20.7	5
1.4	256QAM	1	3	20.01	20.03	20.06		
1.4	256QAM	1	5	19.99	20.18	20.12		
1.4	256QAM	3	0	20.01	20.20	20.02		
1.4	256QAM	3	1	19.99	20.04	20.21		
1.4	256QAM	3	3	20.03	20.00	20.05		
1.4	256QAM	6	0	20.06	20.13	19.99	20.7	5

Band 12 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.72	24.78	24.73	25.5	0
10	QPSK	1	25	24.67	24.71	24.60		
10	QPSK	1	49	24.60	24.69	24.71		
10	QPSK	25	0	23.66	23.82	23.68	24.5	1
10	QPSK	25	12	23.68	23.73	23.55		
10	QPSK	25	25	23.62	23.74	23.66		
10	QPSK	50	0	23.71	23.79	23.75		
10	16QAM	1	0	23.75	23.73	23.72	24.5	1
10	16QAM	1	25	23.65	23.71	23.64		
10	16QAM	1	49	23.61	23.72	23.71		
10	16QAM	25	0	22.64	22.85	22.71	23.5	2
10	16QAM	25	12	22.68	22.70	22.51		
10	16QAM	25	25	22.57	22.74	22.64		
10	16QAM	50	0	22.67	22.81	22.75		
10	64QAM	1	0	22.70	22.79	22.75	23.5	2
10	64QAM	1	25	22.63	22.76	22.69		
10	64QAM	1	49	22.65	22.75	22.70		
10	64QAM	25	0	21.61	21.85	21.71	22.5	3
10	64QAM	25	12	21.72	21.72	21.59		
10	64QAM	25	25	21.59	21.79	21.60		
10	64QAM	50	0	21.67	21.78	21.75		
10	256QAM	1	0	19.67	19.87	19.74	20.5	5
10	256QAM	1	25	19.74	19.73	19.61		
10	256QAM	1	49	19.62	19.73	19.67		
10	256QAM	25	0	19.77	19.85	19.75	20.5	5
10	256QAM	25	12	19.76	19.74	19.77		
10	256QAM	25	25	19.66	19.68	19.66		
10	256QAM	50	0	19.62	19.68	19.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.63	24.65	24.69	25.5	0
5	QPSK	1	12	24.58	24.69	24.53		
5	QPSK	1	24	24.55	24.61	24.66		
5	QPSK	12	0	23.57	23.74	23.57	24.5	1
5	QPSK	12	7	23.60	23.66	23.51		
5	QPSK	12	13	23.57	23.69	23.55		
5	QPSK	25	0	23.65	23.71	23.61		
5	16QAM	1	0	23.62	23.60	23.62	24.5	1
5	16QAM	1	12	23.53	23.66	23.52		
5	16QAM	1	24	23.51	23.64	23.58		
5	16QAM	12	0	22.56	22.73	22.67	23.5	2
5	16QAM	12	7	22.65	22.62	22.47		
5	16QAM	12	13	22.54	22.62	22.54		
5	16QAM	25	0	22.56	22.73	22.61		
5	64QAM	1	0	22.64	22.71	22.69	23.5	2
5	64QAM	1	12	22.50	22.74	22.62		
5	64QAM	1	24	22.60	22.72	22.60		
5	64QAM	12	0	21.48	21.78	21.66	22.5	3
5	64QAM	12	7	21.60	21.62	21.51		
5	64QAM	12	13	21.48	21.72	21.53		
5	64QAM	25	0	21.65	21.73	21.65		
5	256QAM	1	0	19.54	19.78	19.61	20.5	5
5	256QAM	1	12	19.68	19.67	19.58		
5	256QAM	1	24	19.56	19.66	19.55		
5	256QAM	12	0	19.74	19.78	19.62	20.5	5
5	256QAM	12	7	19.69	19.63	19.75		
5	256QAM	12	13	19.60	19.56	19.62		
5	256QAM	25	0	19.51	19.62	19.73		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.66	24.74	24.69	25.5	0
3	QPSK	1	8	24.55	24.62	24.49		
3	QPSK	1	14	24.56	24.64	24.64		
3	QPSK	8	0	23.63	23.72	23.61	24.5	1
3	QPSK	8	4	23.59	23.69	23.44		
3	QPSK	8	7	23.52	23.70	23.58		
3	QPSK	15	0	23.59	23.69	23.65		
3	16QAM	1	0	23.63	23.62	23.59	24.5	1
3	16QAM	1	8	23.52	23.57	23.56		
3	16QAM	1	14	23.48	23.61	23.64		
3	16QAM	8	0	22.62	22.73	22.57	23.5	2
3	16QAM	8	4	22.61	22.66	22.45		
3	16QAM	8	7	22.44	22.66	22.60		
3	16QAM	15	0	22.65	22.69	22.66		
3	64QAM	1	0	22.59	22.68	22.68	23.5	2
3	64QAM	1	8	22.61	22.67	22.65		
3	64QAM	1	14	22.57	22.68	22.59		
3	64QAM	8	0	21.57	21.74	21.59	22.5	3
3	64QAM	8	4	21.60	21.66	21.47		
3	64QAM	8	7	21.47	21.73	21.49		
3	64QAM	15	0	21.54	21.66	21.71		
3	256QAM	1	0	19.55	19.76	19.70	20.5	5
3	256QAM	1	8	19.64	19.70	19.53		
3	256QAM	1	14	19.56	19.61	19.61		
3	256QAM	8	0	19.73	19.81	19.64	20.5	5
3	256QAM	8	4	19.64	19.60	19.65		
3	256QAM	8	7	19.58	19.62	19.55		
3	256QAM	15	0	19.57	19.61	19.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.66	24.74	24.61	25.5	0
1.4	QPSK	1	3	24.63	24.64	24.49		
1.4	QPSK	1	5	24.57	24.64	24.59		
1.4	QPSK	3	0	24.57	24.71	24.55		
1.4	QPSK	3	1	24.57	24.51	24.39		
1.4	QPSK	3	3	24.54	24.52	24.48		
1.4	QPSK	6	0	23.66	23.72	23.70	24.5	1
1.4	16QAM	1	0	23.66	23.60	23.64	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.55		
1.4	16QAM	1	5	23.59	23.67	23.60		
1.4	16QAM	3	0	23.54	23.64	23.65		
1.4	16QAM	3	1	23.57	23.54	23.59		
1.4	16QAM	3	3	23.54	23.51	23.43		
1.4	16QAM	6	0	22.56	22.69	22.62	23.5	2
1.4	64QAM	1	0	22.64	22.72	22.62	23.5	2
1.4	64QAM	1	3	22.49	22.67	22.59		
1.4	64QAM	1	5	22.63	22.69	22.62		
1.4	64QAM	3	0	22.43	22.63	22.49		
1.4	64QAM	3	1	22.52	22.70	22.60		
1.4	64QAM	3	3	22.39	22.61	22.56		
1.4	64QAM	6	0	21.61	21.66	21.70	22.5	3
1.4	256QAM	1	0	19.64	19.80	19.69	20.5	5
1.4	256QAM	1	3	19.63	19.67	19.49		
1.4	256QAM	1	5	19.53	19.70	19.59		
1.4	256QAM	3	0	19.68	19.71	19.68		
1.4	256QAM	3	1	19.65	19.68	19.73		
1.4	256QAM	3	3	19.64	19.55	19.60		
1.4	256QAM	6	0	19.59	19.56	19.70	20.5	5

Band 13 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.14		25.7	0
10	QPSK	1	25		25.10			
10	QPSK	1	49		25.07			
10	QPSK	25	0		24.10		24.7	1
10	QPSK	25	12		24.08			
10	QPSK	25	25		24.09			
10	QPSK	50	0		24.08			
10	16QAM	1	0		24.05		24.7	1
10	16QAM	1	25		24.03			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.06		23.7	2
10	16QAM	25	12		23.07			
10	16QAM	25	25		23.13			
10	16QAM	50	0		23.07			
10	64QAM	1	0		23.02		23.7	2
10	64QAM	1	25		22.98			
10	64QAM	1	49		22.97			
10	64QAM	25	0		22.10		22.7	3
10	64QAM	25	12		22.08			
10	64QAM	25	25		22.05			
10	64QAM	50	0		22.09			
10	256QAM	1	0		20.05		20.7	5
10	256QAM	1	25		20.04			
10	256QAM	1	49		20.11			
10	256QAM	25	0		20.06		20.7	5
10	256QAM	25	12		20.05			
10	256QAM	25	25		19.98			
10	256QAM	50	0		19.96			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	25.08	25.11	25.06	25.7	0
5	QPSK	1	12	25.07	25.02	25.02		
5	QPSK	1	24	24.99	24.97	25.02		
5	QPSK	12	0	23.98	24.02	24.07	24.7	1
5	QPSK	12	7	23.97	23.99	24.01		
5	QPSK	12	13	24.05	24.02	24.01		
5	QPSK	25	0	24.01	24.02	24.07		
5	16QAM	1	0	24.03	24.05	23.96	24.7	1
5	16QAM	1	12	23.97	23.93	24.02		
5	16QAM	1	24	23.96	23.92	24.00		
5	16QAM	12	0	23.02	23.06	22.98	23.7	2
5	16QAM	12	7	23.06	23.00	22.99		
5	16QAM	12	13	23.13	23.05	23.08		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	22.94	23.00	22.90	23.7	2
5	64QAM	1	12	22.87	22.90	22.87		
5	64QAM	1	24	22.87	22.94	22.95		
5	64QAM	12	0	22.03	22.05	21.99	22.7	3
5	64QAM	12	7	21.98	22.01	21.97		
5	64QAM	12	13	21.96	22.03	21.97		
5	64QAM	25	0	22.06	22.02	22.05		
5	256QAM	1	0	20.00	19.96	19.99	20.7	5
5	256QAM	1	12	19.96	20.01	19.99		
5	256QAM	1	24	20.06	20.06	20.01		
5	256QAM	12	0	20.02	20.00	19.99	20.7	5
5	256QAM	12	7	19.93	19.94	19.95		
5	256QAM	12	13	19.97	19.95	19.90		
5	256QAM	25	0	19.89	19.88	19.84		

Band 17 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.76	24.80	24.74	25.5	0
10	QPSK	1	25	24.66	24.74	24.65		
10	QPSK	1	49	24.75	24.69	24.67		
10	QPSK	25	0	23.77	23.85	23.78	24.5	1
10	QPSK	25	12	23.70	23.72	23.64		
10	QPSK	25	25	23.80	23.67	23.61		
10	QPSK	50	0	23.77	23.79	23.74		
10	16QAM	1	0	23.72	23.76	23.72	24.5	1
10	16QAM	1	25	23.62	23.77	23.71		
10	16QAM	1	49	23.75	23.71	23.68		
10	16QAM	25	0	22.78	22.91	22.82	23.5	2
10	16QAM	25	12	22.67	22.77	22.68		
10	16QAM	25	25	22.80	22.73	22.65		
10	16QAM	50	0	22.78	22.82	22.78		
10	64QAM	1	0	22.66	22.72	22.75	23.5	2
10	64QAM	1	25	22.66	22.71	22.76		
10	64QAM	1	49	22.79	22.70	22.65		
10	64QAM	25	0	21.72	21.87	21.75	22.5	3
10	64QAM	25	12	21.71	21.68	21.67		
10	64QAM	25	25	21.81	21.70	21.63		
10	64QAM	50	0	21.75	21.80	21.71		
10	256QAM	1	0	19.71	19.85	19.74	20.5	5
10	256QAM	1	25	19.75	19.73	19.58		
10	256QAM	1	49	19.74	19.67	19.64		
10	256QAM	25	0	19.82	19.82	19.78	20.5	5
10	256QAM	25	12	19.70	19.80	19.68		
10	256QAM	25	25	19.65	19.72	19.71		
10	256QAM	50	0	19.71	19.65	19.71		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.70	24.68	24.71	25.5	0
5	QPSK	1	12	24.53	24.70	24.61		
5	QPSK	1	24	24.62	24.65	24.62		
5	QPSK	12	0	23.65	23.81	23.67	24.5	1
5	QPSK	12	7	23.59	23.62	23.55		
5	QPSK	12	13	23.71	23.56	23.55		
5	QPSK	25	0	23.70	23.72	23.71		
5	16QAM	1	0	23.65	23.66	23.66	24.5	1
5	16QAM	1	12	23.58	23.68	23.60		
5	16QAM	1	24	23.73	23.64	23.56		
5	16QAM	12	0	22.76	22.86	22.78	23.5	2
5	16QAM	12	7	22.56	22.71	22.63		
5	16QAM	12	13	22.70	22.59	22.54		
5	16QAM	25	0	22.75	22.73	22.72		
5	64QAM	1	0	22.55	22.67	22.64	23.5	2
5	64QAM	1	12	22.54	22.66	22.63		
5	64QAM	1	24	22.70	22.57	22.55		
5	64QAM	12	0	21.67	21.78	21.70	22.5	3
5	64QAM	12	7	21.66	21.55	21.57		
5	64QAM	12	13	21.74	21.63	21.50		
5	64QAM	25	0	21.64	21.72	21.67		
5	256QAM	1	0	19.68	19.76	19.72	20.5	5
5	256QAM	1	12	19.68	19.69	19.46		
5	256QAM	1	24	19.63	19.61	19.57		
5	256QAM	12	0	19.75	19.72	19.70	20.5	5
5	256QAM	12	7	19.57	19.77	19.54		
5	256QAM	12	13	19.58	19.67	19.58		
5	256QAM	25	0	19.65	19.53	19.64		

Band 26 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.14	25.20	25.15	25.7	0
15	QPSK	1	37	25.09	25.11	25.07		
15	QPSK	1	74	25.10	25.07	25.09		
15	QPSK	36	0	24.13	24.20	24.11	24.7	1
15	QPSK	36	20	24.07	24.15	24.04		
15	QPSK	36	39	24.09	24.07	24.11		
15	QPSK	75	0	24.13	24.16	24.10		
15	16QAM	1	0	24.10	24.15	24.12	24.7	1
15	16QAM	1	37	24.14	24.07	24.05		
15	16QAM	1	74	24.08	24.02	24.08		
15	16QAM	36	0	23.11	23.18	23.05	23.7	2
15	16QAM	36	20	23.04	23.13	23.05		
15	16QAM	36	39	23.09	23.10	23.08		
15	16QAM	75	0	23.18	23.11	23.15		
15	64QAM	1	0	23.15	23.16	23.13	23.7	2
15	64QAM	1	37	23.08	23.01	23.00		
15	64QAM	1	74	23.10	22.97	23.05		
15	64QAM	36	0	22.12	22.15	22.08	22.7	3
15	64QAM	36	20	22.07	22.15	22.04		
15	64QAM	36	39	22.15	22.05	22.10		
15	64QAM	75	0	22.15	22.22	22.08		
15	256QAM	1	0	20.13	20.14	20.06	20.7	5
15	256QAM	1	37	20.10	20.15	20.03		
15	256QAM	1	74	20.10	20.09	20.12		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.07	20.20	20.16		
15	256QAM	36	39	20.20	20.10	19.99		
15	256QAM	75	0	20.08	20.04	20.03		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.08	25.17	25.04	25.7	0
10	QPSK	1	25	24.95	25.02	25.04		
10	QPSK	1	49	25.04	24.98	24.95		
10	QPSK	25	0	24.03	24.11	23.97	24.7	1
10	QPSK	25	12	23.94	24.09	23.98		
10	QPSK	25	25	24.05	24.01	24.04		
10	QPSK	50	0	24.03	24.07	24.04		
10	16QAM	1	0	24.01	24.04	24.03	24.7	1
10	16QAM	1	25	24.07	24.00	24.01		
10	16QAM	1	49	24.03	23.92	23.95		
10	16QAM	25	0	23.09	23.09	22.98	23.7	2
10	16QAM	25	12	22.93	23.02	22.98		
10	16QAM	25	25	23.04	23.03	23.01		
10	16QAM	50	0	23.07	23.09	23.10		
10	64QAM	1	0	23.07	23.10	23.10	23.7	2
10	64QAM	1	25	22.98	22.94	22.97		
10	64QAM	1	49	22.97	22.85	22.99		
10	64QAM	25	0	21.99	22.11	22.05	22.7	3
10	64QAM	25	12	22.00	22.02	21.95		
10	64QAM	25	25	22.07	21.99	21.96		
10	64QAM	50	0	22.11	22.19	22.01		
10	256QAM	1	0	20.08	20.08	20.00	20.7	5
10	256QAM	1	25	19.97	20.11	19.91		
10	256QAM	1	49	20.03	20.05	20.04		
10	256QAM	25	0	20.11	20.14	20.01	20.7	5
10	256QAM	25	12	19.94	20.11	20.14		
10	256QAM	25	25	20.11	20.08	19.95		
10	256QAM	50	0	19.98	19.91	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.09	25.09	25.09	25.7	0
5	QPSK	1	12	25.00	25.00	25.03		
5	QPSK	1	24	24.97	24.95	25.01		
5	QPSK	12	0	24.07	24.12	23.98	24.7	1
5	QPSK	12	7	23.96	24.04	23.99		
5	QPSK	12	13	24.04	24.05	24.00		
5	QPSK	25	0	24.03	24.02	24.02		
5	16QAM	1	0	24.03	24.02	24.08	24.7	1
5	16QAM	1	12	24.04	24.01	23.96		
5	16QAM	1	24	23.98	23.96	23.95		
5	16QAM	12	0	23.07	23.16	22.99	23.7	2
5	16QAM	12	7	22.99	23.00	23.02		
5	16QAM	12	13	22.96	23.07	23.03		
5	16QAM	25	0	23.06	22.99	23.08		
5	64QAM	1	0	23.10	23.11	23.05	23.7	2
5	64QAM	1	12	23.05	22.98	22.90		
5	64QAM	1	24	23.02	22.89	22.95		
5	64QAM	12	0	22.01	22.06	22.03	22.7	3
5	64QAM	12	7	21.98	22.13	21.96		
5	64QAM	12	13	22.09	21.96	22.05		
5	64QAM	25	0	22.09	22.14	21.94		
5	256QAM	1	0	20.10	20.04	19.99	20.7	5
5	256QAM	1	12	20.01	20.08	19.90		
5	256QAM	1	24	20.03	19.95	20.05		
5	256QAM	12	0	20.12	20.15	19.99	20.7	5
5	256QAM	12	7	19.95	20.07	20.05		
5	256QAM	12	13	20.10	19.98	19.89		
5	256QAM	25	0	20.04	19.95	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.04	25.11	25.10	25.7	0
3	QPSK	1	8	25.03	25.00	25.04		
3	QPSK	1	14	25.01	24.94	24.99		
3	QPSK	8	0	24.05	24.12	24.00	24.7	1
3	QPSK	8	4	23.94	24.09	23.96		
3	QPSK	8	7	24.04	24.02	24.04		
3	QPSK	15	0	24.08	24.09	24.06		
3	16QAM	1	0	23.97	24.13	24.03	24.7	1
3	16QAM	1	8	24.04	23.95	24.00		
3	16QAM	1	14	24.04	23.92	24.03		
3	16QAM	8	0	23.03	23.13	22.97	23.7	2
3	16QAM	8	4	22.96	23.02	22.95		
3	16QAM	8	7	22.99	22.99	22.97		
3	16QAM	15	0	23.12	23.05	23.11		
3	64QAM	1	0	23.05	23.03	23.04	23.7	2
3	64QAM	1	8	23.05	22.92	22.91		
3	64QAM	1	14	23.02	22.88	22.95		
3	64QAM	8	0	22.08	22.12	21.97	22.7	3
3	64QAM	8	4	21.99	22.09	21.96		
3	64QAM	8	7	22.01	21.95	21.99		
3	64QAM	15	0	22.05	22.11	21.99		
3	256QAM	1	0	20.04	20.09	19.95	20.7	5
3	256QAM	1	8	19.97	20.06	19.99		
3	256QAM	1	14	20.08	19.99	20.08		
3	256QAM	8	0	20.13	20.06	20.06	20.7	5
3	256QAM	8	4	20.03	20.07	20.03		
3	256QAM	8	7	20.18	19.99	19.90		
3	256QAM	15	0	20.00	19.95	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.11	25.08	25.03	25.7	0
1.4	QPSK	1	3	25.06	24.97	24.94		
1.4	QPSK	1	5	25.04	25.01	25.07		
1.4	QPSK	3	0	25.01	24.94	24.89		
1.4	QPSK	3	1	25.01	24.86	24.88		
1.4	QPSK	3	3	24.92	24.93	25.00		
1.4	QPSK	6	0	24.05	24.09	23.98	24.7	1
1.4	16QAM	1	0	24.05	24.08	23.99	24.7	1
1.4	16QAM	1	3	24.10	23.98	23.93		
1.4	16QAM	1	5	23.98	23.93	23.98		
1.4	16QAM	3	0	24.01	24.06	23.92		
1.4	16QAM	3	1	24.01	24.01	23.91		
1.4	16QAM	3	3	24.04	23.94	23.85		
1.4	16QAM	6	0	23.06	23.08	23.07	23.7	2
1.4	64QAM	1	0	23.07	23.10	23.03	23.7	2
1.4	64QAM	1	3	23.04	22.96	22.91		
1.4	64QAM	1	5	22.99	22.93	22.91		
1.4	64QAM	3	0	22.98	22.95	23.02		
1.4	64QAM	3	1	23.01	23.00	22.91		
1.4	64QAM	3	3	22.92	22.83	22.86		
1.4	64QAM	6	0	22.11	22.16	22.02	22.7	3
1.4	256QAM	1	0	20.01	20.08	19.93	20.7	5
1.4	256QAM	1	3	20.07	20.03	19.95		
1.4	256QAM	1	5	20.06	20.06	20.04		
1.4	256QAM	3	0	20.06	20.08	19.98		
1.4	256QAM	3	1	20.02	20.12	20.12		
1.4	256QAM	3	3	20.10	20.01	19.91		
1.4	256QAM	6	0	20.03	19.93	19.99	20.7	5

GSM850 Ant1 DSI4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.57	31.07	30.90	31.90	21.57	22.07	21.90	22.90
GPRS 1 Tx slot	30.75	31.01	30.94	31.90	21.75	22.01	21.94	22.90
GPRS 2 Tx slots	27.44	27.50	27.39	28.90	21.44	21.50	21.39	22.90
GPRS 3 Tx slots	25.49	25.60	25.56	27.10	21.23	21.34	21.30	22.84
GPRS 4 Tx slots	24.40	24.48	24.36	25.90	21.40	21.48	21.36	22.90
EDGE 1 Tx slot	26.49	26.55	26.51	27.90	17.49	17.55	17.51	18.90
EDGE 2 Tx slots	23.91	23.96	23.93	24.90	17.91	17.96	17.93	18.90
EDGE 3 Tx slots	22.20	22.21	22.18	23.10	17.94	17.95	17.92	18.84
EDGE 4 Tx slots	20.68	20.76	20.72	21.90	17.68	17.76	17.72	18.90

Band		WCDMA V Ant1 DSI4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.72	21.82	21.75	23.20
3GPP Rel 99	RMC 12.2Kbps	21.84	21.86	21.77	23.20
3GPP Rel 6	HSDPA Subtest-1	20.86	20.80	20.80	22.20
3GPP Rel 6	HSDPA Subtest-2	20.84	20.87	20.80	22.20
3GPP Rel 6	HSDPA Subtest-3	20.35	20.36	20.23	21.70
3GPP Rel 6	HSDPA Subtest-4	20.37	20.35	20.23	21.70
3GPP Rel 8	DC-HSDPA Subtest-1	20.83	20.91	20.74	22.20
3GPP Rel 8	DC-HSDPA Subtest-2	20.87	20.92	20.73	22.20
3GPP Rel 8	DC-HSDPA Subtest-3	20.29	20.41	20.26	21.70
3GPP Rel 8	DC-HSDPA Subtest-4	20.25	20.33	20.29	21.70
3GPP Rel 6	HSUPA Subtest-1	20.78	20.82	20.79	22.20
3GPP Rel 6	HSUPA Subtest-2	18.92	18.89	18.82	20.20
3GPP Rel 6	HSUPA Subtest-3	19.90	19.86	19.84	21.20
3GPP Rel 6	HSUPA Subtest-4	18.88	18.89	18.71	20.20
3GPP Rel 6	HSUPA Subtest-5	20.79	20.82	20.74	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.31	18.37	18.22	19.70

Band 5 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.77	21.89	21.71	23	0
10	QPSK	1	25	21.72	21.87	21.73		
10	QPSK	1	49	21.79	21.80	21.75		
10	QPSK	25	0	21.78	21.88	21.78	23	0
10	QPSK	25	12	21.72	21.86	21.81		
10	QPSK	25	25	21.68	21.81	21.73		
10	QPSK	50	0	21.76	21.83	21.72		
10	16QAM	1	0	21.74	21.82	21.79	23	0
10	16QAM	1	25	21.76	21.77	21.69		
10	16QAM	1	49	21.68	21.78	21.81		
10	16QAM	25	0	21.72	21.81	21.78	23	0
10	16QAM	25	12	21.77	21.85	21.73		
10	16QAM	25	25	21.75	21.77	21.81		
10	16QAM	50	0	21.72	21.81	21.71		
10	64QAM	1	0	21.79	21.75	21.72	23	0
10	64QAM	1	25	21.77	21.78	21.79		
10	64QAM	1	49	21.70	21.80	21.79		
10	64QAM	25	0	21.18	21.32	21.28	22.5	0.5
10	64QAM	25	12	21.26	21.33	21.24		
10	64QAM	25	25	21.21	21.32	21.21		
10	64QAM	50	0	21.19	21.30	21.27		
10	256QAM	1	0	19.22	19.27	19.26	20.5	2.5
10	256QAM	1	25	19.27	19.35	19.24		
10	256QAM	1	49	19.26	19.34	19.25		
10	256QAM	25	0	19.22	19.28	19.21	20.5	2.5
10	256QAM	25	12	19.17	19.36	19.24		
10	256QAM	25	25	19.21	19.27	19.29		
10	256QAM	50	0	19.28	19.34	19.31		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.64	21.75	21.58	23	0
5	QPSK	1	12	21.67	21.79	21.61		
5	QPSK	1	24	21.71	21.74	21.59		
5	QPSK	12	0	21.68	21.73	21.67	23	0
5	QPSK	12	7	21.67	21.75	21.68		
5	QPSK	12	13	21.58	21.67	21.62		
5	QPSK	25	0	21.63	21.77	21.59		
5	16QAM	1	0	21.69	21.67	21.69	23	0
5	16QAM	1	12	21.63	21.64	21.63		
5	16QAM	1	24	21.58	21.70	21.72		
5	16QAM	12	0	21.67	21.75	21.65	23	0
5	16QAM	12	7	21.68	21.75	21.67		
5	16QAM	12	13	21.67	21.66	21.75		
5	16QAM	25	0	21.60	21.75	21.56		
5	64QAM	1	0	21.70	21.69	21.57	23	0
5	64QAM	1	12	21.71	21.67	21.64		
5	64QAM	1	24	21.54	21.72	21.72		
5	64QAM	12	0	21.10	21.21	21.15	22.5	0.5
5	64QAM	12	7	21.10	21.28	21.15		
5	64QAM	12	13	21.11	21.21	21.13		
5	64QAM	25	0	21.05	21.24	21.16		
5	256QAM	1	0	19.09	19.13	19.20	20.5	2.5
5	256QAM	1	12	19.13	19.29	19.10		
5	256QAM	1	24	19.22	19.26	19.16		
5	256QAM	12	0	19.12	19.17	19.14	20.5	2.5
5	256QAM	12	7	19.04	19.29	19.10		
5	256QAM	12	13	19.15	19.23	19.17		
5	256QAM	25	0	19.16	19.25	19.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.69	21.79	21.60	23	0
3	QPSK	1	8	21.65	21.75	21.59		
3	QPSK	1	14	21.73	21.71	21.61		
3	QPSK	8	0	21.71	21.67	21.65	23	0
3	QPSK	8	4	21.66	21.79	21.75		
3	QPSK	8	7	21.57	21.76	21.59		
3	QPSK	15	0	21.61	21.70	21.56		
3	16QAM	1	0	21.61	21.76	21.72	23	0
3	16QAM	1	8	21.66	21.62	21.55		
3	16QAM	1	14	21.59	21.70	21.77		
3	16QAM	8	0	21.61	21.73	21.72	23	0
3	16QAM	8	4	21.71	21.77	21.64		
3	16QAM	8	7	21.64	21.69	21.77		
3	16QAM	15	0	21.59	21.68	21.60		
3	64QAM	1	0	21.67	21.69	21.60	23	0
3	64QAM	1	8	21.70	21.65	21.72		
3	64QAM	1	14	21.62	21.68	21.71		
3	64QAM	8	0	21.08	21.25	21.23	22.5	0.5
3	64QAM	8	4	21.19	21.18	21.10		
3	64QAM	8	7	21.13	21.18	21.13		
3	64QAM	15	0	21.13	21.17	21.22		
3	256QAM	1	0	19.10	19.14	19.19	20.5	2.5
3	256QAM	1	8	19.23	19.25	19.16		
3	256QAM	1	14	19.19	19.29	19.16		
3	256QAM	8	0	19.11	19.20	19.12	20.5	2.5
3	256QAM	8	4	19.06	19.31	19.13		
3	256QAM	8	7	19.09	19.17	19.15		
3	256QAM	15	0	19.17	19.28	19.23		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.64	21.75	21.60	23	0
1.4	QPSK	1	3	21.57	21.75	21.61		
1.4	QPSK	1	5	21.73	21.75	21.70		
1.4	QPSK	3	0	21.69	21.65	21.72		
1.4	QPSK	3	1	21.66	21.71	21.68		
1.4	QPSK	3	3	21.58	21.73	21.59		
1.4	QPSK	6	0	21.65	21.77	21.65	23	0
1.4	16QAM	1	0	21.59	21.77	21.74	23	0
1.4	16QAM	1	3	21.69	21.66	21.59		
1.4	16QAM	1	5	21.60	21.66	21.68		
1.4	16QAM	3	0	21.63	21.70	21.62		
1.4	16QAM	3	1	21.64	21.76	21.67		
1.4	16QAM	3	3	21.67	21.63	21.70		
1.4	16QAM	6	0	21.56	21.76	21.55	23	0
1.4	64QAM	1	0	21.72	21.60	21.62	23	0
1.4	64QAM	1	3	21.67	21.71	21.68		
1.4	64QAM	1	5	21.63	21.75	21.70		
1.4	64QAM	3	0	21.14	21.26	21.21		
1.4	64QAM	3	1	21.13	21.21	21.09		
1.4	64QAM	3	3	21.13	21.28	21.07		
1.4	64QAM	6	0	21.09	21.17	21.15	22.5	0.5
1.4	256QAM	1	0	19.07	19.12	19.13	20.5	2.5
1.4	256QAM	1	3	19.18	19.20	19.14		
1.4	256QAM	1	5	19.19	19.20	19.10		
1.4	256QAM	3	0	19.14	19.20	19.12		
1.4	256QAM	3	1	19.05	19.27	19.11		
1.4	256QAM	3	3	19.08	19.20	19.23		
1.4	256QAM	6	0	19.16	19.20	19.17	20.5	2.5

Band 12 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.10	24.15	24.08	25	0
10	QPSK	1	25	24.01	24.11	23.97		
10	QPSK	1	49	23.98	24.05	23.96		
10	QPSK	25	0	23.08	23.18	23.06	24	1
10	QPSK	25	12	23.04	23.10	22.92		
10	QPSK	25	25	22.95	23.00	22.96		
10	QPSK	50	0	23.06	23.17	23.03		
10	16QAM	1	0	23.06	23.12	23.03	24	1
10	16QAM	1	25	23.03	23.10	23.02		
10	16QAM	1	49	22.96	23.09	22.91		
10	16QAM	25	0	22.04	22.24	22.04	23	2
10	16QAM	25	12	22.01	22.08	21.91		
10	16QAM	25	25	22.01	21.99	21.98		
10	16QAM	50	0	22.12	22.22	22.04		
10	64QAM	1	0	22.11	22.06	21.97	23	2
10	64QAM	1	25	21.99	22.16	22.07		
10	64QAM	1	49	21.97	22.03	21.89		
10	64QAM	25	0	21.04	21.23	21.06	22	3
10	64QAM	25	12	20.99	21.15	20.97		
10	64QAM	25	25	20.91	20.97	20.98		
10	64QAM	50	0	21.01	21.12	21.02		
10	256QAM	1	0	19.13	19.17	19.08	20	5
10	256QAM	1	25	19.02	19.14	18.90		
10	256QAM	1	49	18.97	19.03	18.91		
10	256QAM	25	0	19.11	19.22	19.07	20	5
10	256QAM	25	12	19.04	19.14	19.04		
10	256QAM	25	25	19.02	19.08	19.05		
10	256QAM	50	0	18.97	19.09	18.91		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.07	24.02	23.94	25	0
5	QPSK	1	12	23.99	23.99	23.84		
5	QPSK	1	24	23.91	24.03	23.87		
5	QPSK	12	0	23.05	23.07	22.96	24	1
5	QPSK	12	7	22.92	23.07	22.79		
5	QPSK	12	13	22.85	22.92	22.84		
5	QPSK	25	0	23.00	23.08	22.93		
5	16QAM	1	0	22.93	23.03	22.95	24	1
5	16QAM	1	12	22.92	23.07	22.96		
5	16QAM	1	24	22.90	23.05	22.84		
5	16QAM	12	0	21.93	22.10	21.93	23	2
5	16QAM	12	7	21.99	21.98	21.79		
5	16QAM	12	13	21.98	21.92	21.84		
5	16QAM	25	0	22.10	22.12	21.97		
5	64QAM	1	0	22.00	21.95	21.86	23	2
5	64QAM	1	12	21.91	22.07	22.01		
5	64QAM	1	24	21.85	21.96	21.86		
5	64QAM	12	0	20.97	21.14	21.04	22	3
5	64QAM	12	7	20.92	21.03	20.90		
5	64QAM	12	13	20.89	20.87	20.96		
5	64QAM	25	0	20.93	21.05	20.93		
5	256QAM	1	0	19.05	19.04	18.99	20	5
5	256QAM	1	12	18.90	19.09	18.77		
5	256QAM	1	24	18.91	18.89	18.81		
5	256QAM	12	0	19.06	19.10	19.04	20	5
5	256QAM	12	7	18.95	19.09	18.98		
5	256QAM	12	13	18.89	19.04	18.98		
5	256QAM	25	0	18.84	19.05	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.07	24.13	24.06	25	0
3	QPSK	1	8	23.95	24.02	23.87		
3	QPSK	1	14	23.88	23.95	23.84		
3	QPSK	8	0	22.99	23.10	23.00	24	1
3	QPSK	8	4	22.90	23.06	22.79		
3	QPSK	8	7	22.85	22.90	22.89		
3	QPSK	15	0	23.02	23.06	22.90		
3	16QAM	1	0	22.97	23.09	22.92	24	1
3	16QAM	1	8	22.94	22.98	22.88		
3	16QAM	1	14	22.94	23.04	22.82		
3	16QAM	8	0	22.00	22.13	21.93	23	2
3	16QAM	8	4	21.98	21.97	21.85		
3	16QAM	8	7	21.94	21.85	21.91		
3	16QAM	15	0	22.03	22.09	21.95		
3	64QAM	1	0	22.01	21.96	21.83	23	2
3	64QAM	1	8	21.94	22.11	21.96		
3	64QAM	1	14	21.88	21.94	21.81		
3	64QAM	8	0	20.95	21.15	20.96	22	3
3	64QAM	8	4	20.94	21.06	20.90		
3	64QAM	8	7	20.87	20.86	20.87		
3	64QAM	15	0	20.98	21.03	21.00		
3	256QAM	1	0	19.10	19.12	19.03	20	5
3	256QAM	1	8	18.90	19.08	18.78		
3	256QAM	1	14	18.88	18.92	18.80		
3	256QAM	8	0	19.01	19.18	19.00	20	5
3	256QAM	8	4	18.97	19.07	18.92		
3	256QAM	8	7	18.97	18.94	19.00		
3	256QAM	15	0	18.85	19.01	18.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.97	24.07	23.95	25	0
1.4	QPSK	1	3	23.93	24.04	23.89		
1.4	QPSK	1	5	23.94	23.97	23.85		
1.4	QPSK	3	0	23.91	23.99	23.92		
1.4	QPSK	3	1	23.79	23.93	23.76		
1.4	QPSK	3	3	23.91	23.94	23.81		
1.4	QPSK	6	0	22.93	23.09	23.00	24	1
1.4	16QAM	1	0	22.93	23.09	22.97	24	1
1.4	16QAM	1	3	22.95	23.07	22.92		
1.4	16QAM	1	5	22.86	23.04	22.79		
1.4	16QAM	3	0	22.79	22.99	22.87		
1.4	16QAM	3	1	22.89	23.05	22.84		
1.4	16QAM	3	3	22.91	23.05	22.81		
1.4	16QAM	6	0	22.05	22.10	21.99	23	2
1.4	64QAM	1	0	22.04	21.92	21.83	23	2
1.4	64QAM	1	3	21.88	22.12	21.99		
1.4	64QAM	1	5	21.92	21.91	21.83		
1.4	64QAM	3	0	21.95	22.01	21.87		
1.4	64QAM	3	1	21.93	21.86	21.70		
1.4	64QAM	3	3	21.81	22.05	21.94		
1.4	64QAM	6	0	20.96	21.00	20.94	22	3
1.4	256QAM	1	0	19.05	19.14	19.05	20	5
1.4	256QAM	1	3	18.95	19.01	18.80		
1.4	256QAM	1	5	18.84	18.96	18.78		
1.4	256QAM	3	0	19.08	19.15	19.02		
1.4	256QAM	3	1	18.92	19.06	19.01		
1.4	256QAM	3	3	18.98	18.98	18.98		
1.4	256QAM	6	0	18.85	19.00	18.77	20	5

Band 13 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.63		24.5	0
10	QPSK	1	25		23.49			
10	QPSK	1	49		23.49			
10	QPSK	25	0		23.59		24.5	0
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.50			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.52		24.5	0
10	16QAM	1	25		23.54			
10	16QAM	1	49		23.51			
10	16QAM	25	0		22.57		23.5	1
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.57			
10	16QAM	50	0		22.57			
10	64QAM	1	0		22.54		23.5	1
10	64QAM	1	25		22.53			
10	64QAM	1	49		22.47			
10	64QAM	25	0		21.51		22.5	2
10	64QAM	25	12		21.50			
10	64QAM	25	25		21.53			
10	64QAM	50	0		21.42			
10	256QAM	1	0		19.52		20.5	4
10	256QAM	1	25		19.48			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.52		20.5	4
10	256QAM	25	12		19.49			
10	256QAM	25	25		19.52			
10	256QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.43	23.38	23.37	24.5	0
5	QPSK	1	12	23.35	23.35	23.36		
5	QPSK	1	24	23.41	23.34	23.42		
5	QPSK	12	0	23.53	23.51	23.54	24.5	0
5	QPSK	12	7	23.48	23.45	23.51		
5	QPSK	12	13	23.43	23.43	23.43		
5	QPSK	25	0	23.45	23.41	23.42		
5	16QAM	1	0	23.38	23.46	23.41	24.5	0
5	16QAM	1	12	23.48	23.42	23.49		
5	16QAM	1	24	23.45	23.41	23.43		
5	16QAM	12	0	22.46	22.46	22.42	23.5	1
5	16QAM	12	7	22.46	22.51	22.46		
5	16QAM	12	13	22.48	22.51	22.42		
5	16QAM	25	0	22.49	22.45	22.43		
5	64QAM	1	0	22.40	22.42	22.46	23.5	1
5	64QAM	1	12	22.42	22.38	22.43		
5	64QAM	1	24	22.34	22.32	22.40		
5	64QAM	12	0	21.41	21.36	21.37	22.5	2
5	64QAM	12	7	21.38	21.42	21.42		
5	64QAM	12	13	21.39	21.42	21.46		
5	64QAM	25	0	21.37	21.32	21.37		
5	256QAM	1	0	19.36	19.43	19.38	20.5	4
5	256QAM	1	12	19.41	19.33	19.35		
5	256QAM	1	24	19.39	19.46	19.40		
5	256QAM	12	0	19.43	19.40	19.41	20.5	4
5	256QAM	12	7	19.38	19.34	19.41		
5	256QAM	12	13	19.46	19.38	19.42		
5	256QAM	25	0	19.35	19.42	19.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.96	24.10	23.94	25	0
10	QPSK	1	25	23.92	24.08	23.89		
10	QPSK	1	49	23.94	24.00	23.86		
10	QPSK	25	0	23.05	23.16	22.92	24	1
10	QPSK	25	12	22.96	23.00	22.87		
10	QPSK	25	25	22.86	22.94	22.87		
10	QPSK	50	0	23.01	23.09	22.95		
10	16QAM	1	0	22.93	23.01	22.97	24	1
10	16QAM	1	25	23.00	23.05	22.95		
10	16QAM	1	49	22.94	22.96	22.88		
10	16QAM	25	0	21.98	22.18	21.98	23	2
10	16QAM	25	12	21.91	21.98	21.79		
10	16QAM	25	25	21.95	21.86	21.84		
10	16QAM	50	0	22.05	22.12	21.95		
10	64QAM	1	0	22.09	22.03	21.93	23	2
10	64QAM	1	25	21.89	22.05	21.98		
10	64QAM	1	49	21.93	21.97	21.84		
10	64QAM	25	0	20.95	21.15	20.95	22	3
10	64QAM	25	12	20.88	21.05	20.85		
10	64QAM	25	25	20.82	20.89	20.94		
10	64QAM	50	0	20.88	21.04	20.91		
10	256QAM	1	0	19.00	19.05	18.94	20	5
10	256QAM	1	25	18.96	19.05	18.84		
10	256QAM	1	49	18.91	18.98	18.80		
10	256QAM	25	0	19.08	19.20	18.95	20	5
10	256QAM	25	12	18.93	19.11	19.02		
10	256QAM	25	25	18.97	19.04	18.95		
10	256QAM	50	0	18.85	19.01	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.94	24.06	23.89	25	0
5	QPSK	1	12	23.90	24.01	23.80		
5	QPSK	1	24	23.86	23.87	23.76		
5	QPSK	12	0	23.02	23.12	22.89	24	1
5	QPSK	12	7	22.91	22.92	22.81		
5	QPSK	12	13	22.75	22.90	22.78		
5	QPSK	25	0	22.88	23.05	22.83		
5	16QAM	1	0	22.82	22.89	22.87	24	1
5	16QAM	1	12	22.94	23.01	22.82		
5	16QAM	1	24	22.83	22.94	22.79		
5	16QAM	12	0	21.86	22.05	21.90	23	2
5	16QAM	12	7	21.82	21.93	21.67		
5	16QAM	12	13	21.83	21.80	21.80		
5	16QAM	25	0	21.97	21.99	21.89		
5	64QAM	1	0	21.98	21.99	21.80	23	2
5	64QAM	1	12	21.76	22.03	21.86		
5	64QAM	1	24	21.90	21.90	21.77		
5	64QAM	12	0	20.89	21.07	20.91	22	3
5	64QAM	12	7	20.76	20.92	20.72		
5	64QAM	12	13	20.75	20.84	20.90		
5	64QAM	25	0	20.85	21.00	20.77		
5	256QAM	1	0	18.91	18.99	18.91	20	5
5	256QAM	1	12	18.90	18.92	18.74		
5	256QAM	1	24	18.81	18.90	18.69		
5	256QAM	12	0	18.94	19.12	18.85	20	5
5	256QAM	12	7	18.87	19.05	19.00		
5	256QAM	12	13	18.85	18.91	18.92		
5	256QAM	25	0	18.78	18.93	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.40	22.53	22.45	23.5	0
15	QPSK	1	37	22.33	22.55	22.43		
15	QPSK	1	74	22.38	22.51	22.45		
15	QPSK	36	0	22.42	22.58	22.41	23.5	0
15	QPSK	36	20	22.39	22.55	22.38		
15	QPSK	36	39	22.33	22.54	22.37		
15	QPSK	75	0	22.34	22.58	22.37		
15	16QAM	1	0	22.36	22.59	22.34	23.5	0
15	16QAM	1	37	22.38	22.62	22.39		
15	16QAM	1	74	22.41	22.53	22.39		
15	16QAM	36	0	22.42	22.53	22.37	23.5	0
15	16QAM	36	20	22.42	22.54	22.41		
15	16QAM	36	39	22.41	22.52	22.43		
15	16QAM	75	0	22.33	22.56	22.42		
15	64QAM	1	0	22.32	22.58	22.46	23.5	0
15	64QAM	1	37	22.33	22.55	22.42		
15	64QAM	1	74	22.37	22.62	22.41		
15	64QAM	36	0	21.38	21.58	21.48	22.5	1
15	64QAM	36	20	21.37	21.51	21.46		
15	64QAM	36	39	21.37	21.48	21.49		
15	64QAM	75	0	21.40	21.54	21.43		
15	256QAM	1	0	19.42	19.58	19.44	20.5	3
15	256QAM	1	37	19.37	19.48	19.51		
15	256QAM	1	74	19.45	19.48	19.43		
15	256QAM	36	0	19.42	19.55	19.44	20.5	3
15	256QAM	36	20	19.39	19.49	19.41		
15	256QAM	36	39	19.44	19.51	19.50		
15	256QAM	75	0	19.45	19.50	19.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.26	22.43	22.34	23.5	0
10	QPSK	1	25	22.22	22.51	22.39		
10	QPSK	1	49	22.23	22.45	22.38		
10	QPSK	25	0	22.29	22.47	22.33	23.5	0
10	QPSK	25	12	22.29	22.50	22.29		
10	QPSK	25	25	22.19	22.44	22.26		
10	QPSK	50	0	22.25	22.49	22.31		
10	16QAM	1	0	22.30	22.49	22.24	23.5	0
10	16QAM	1	25	22.28	22.58	22.24		
10	16QAM	1	49	22.35	22.42	22.25		
10	16QAM	25	0	22.34	22.38	22.29	23.5	0
10	16QAM	25	12	22.34	22.41	22.25		
10	16QAM	25	25	22.29	22.38	22.36		
10	16QAM	50	0	22.26	22.48	22.29		
10	64QAM	1	0	22.25	22.43	22.32	23.5	0
10	64QAM	1	25	22.20	22.40	22.36		
10	64QAM	1	49	22.25	22.56	22.34		
10	64QAM	25	0	21.32	21.43	21.44	22.5	1
10	64QAM	25	12	21.26	21.43	21.30		
10	64QAM	25	25	21.30	21.41	21.42		
10	64QAM	50	0	21.31	21.40	21.28		
10	256QAM	1	0	19.28	19.44	19.38	20.5	3
10	256QAM	1	25	19.32	19.35	19.38		
10	256QAM	1	49	19.37	19.38	19.34		
10	256QAM	25	0	19.35	19.39	19.28	20.5	3
10	256QAM	25	12	19.27	19.36	19.29		
10	256QAM	25	25	19.39	19.40	19.43		
10	256QAM	50	0	19.34	19.44	19.38		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.25	22.48	22.33	23.5	0
5	QPSK	1	12	22.26	22.47	22.27		
5	QPSK	1	24	22.25	22.40	22.40		
5	QPSK	12	0	22.34	22.48	22.36	23.5	0
5	QPSK	12	7	22.32	22.46	22.31		
5	QPSK	12	13	22.18	22.49	22.32		
5	QPSK	25	0	22.28	22.43	22.26		
5	16QAM	1	0	22.27	22.48	22.27	23.5	0
5	16QAM	1	12	22.24	22.53	22.25		
5	16QAM	1	24	22.31	22.44	22.28		
5	16QAM	12	0	22.36	22.41	22.22	23.5	0
5	16QAM	12	7	22.36	22.48	22.27		
5	16QAM	12	13	22.32	22.37	22.32		
5	16QAM	25	0	22.18	22.47	22.32		
5	64QAM	1	0	22.20	22.44	22.38	23.5	0
5	64QAM	1	12	22.28	22.50	22.38		
5	64QAM	1	24	22.29	22.56	22.27		
5	64QAM	12	0	21.26	21.47	21.42	22.5	1
5	64QAM	12	7	21.25	21.42	21.35		
5	64QAM	12	13	21.32	21.37	21.38		
5	64QAM	25	0	21.29	21.48	21.32		
5	256QAM	1	0	19.38	19.47	19.32	20.5	3
5	256QAM	1	12	19.22	19.40	19.39		
5	256QAM	1	24	19.37	19.44	19.34		
5	256QAM	12	0	19.32	19.44	19.29	20.5	3
5	256QAM	12	7	19.30	19.39	19.36		
5	256QAM	12	13	19.35	19.44	19.37		
5	256QAM	25	0	19.32	19.37	19.42		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.36	22.47	22.30	23.5	0
3	QPSK	1	8	22.26	22.47	22.35		
3	QPSK	1	14	22.25	22.47	22.40		
3	QPSK	8	0	22.28	22.44	22.33	23.5	0
3	QPSK	8	4	22.24	22.47	22.26		
3	QPSK	8	7	22.21	22.43	22.32		
3	QPSK	15	0	22.29	22.50	22.27		
3	16QAM	1	0	22.26	22.44	22.20	23.5	0
3	16QAM	1	8	22.26	22.47	22.35		
3	16QAM	1	14	22.36	22.44	22.32		
3	16QAM	8	0	22.26	22.39	22.22	23.5	0
3	16QAM	8	4	22.33	22.48	22.35		
3	16QAM	8	7	22.26	22.46	22.35		
3	16QAM	15	0	22.21	22.44	22.36		
3	64QAM	1	0	22.23	22.45	22.36	23.5	0
3	64QAM	1	8	22.18	22.48	22.36		
3	64QAM	1	14	22.26	22.52	22.30		
3	64QAM	8	0	21.29	21.45	21.37	22.5	1
3	64QAM	8	4	21.27	21.39	21.30		
3	64QAM	8	7	21.28	21.35	21.39		
3	64QAM	15	0	21.29	21.40	21.37		
3	256QAM	1	0	19.27	19.44	19.35	20.5	3
3	256QAM	1	8	19.29	19.43	19.38		
3	256QAM	1	14	19.37	19.36	19.31		
3	256QAM	8	0	19.29	19.51	19.39	20.5	3
3	256QAM	8	4	19.28	19.38	19.29		
3	256QAM	8	7	19.31	19.39	19.35		
3	256QAM	15	0	19.37	19.36	19.37		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.31	22.39	22.30	23.5	0
1.4	QPSK	1	3	22.19	22.40	22.32		
1.4	QPSK	1	5	22.24	22.46	22.34		
1.4	QPSK	3	0	22.32	22.42	22.26		
1.4	QPSK	3	1	22.29	22.44	22.28		
1.4	QPSK	3	3	22.26	22.47	22.30		
1.4	QPSK	6	0	22.27	22.47	22.23	23.5	0
1.4	16QAM	1	0	22.26	22.51	22.19	23.5	0
1.4	16QAM	1	3	22.23	22.54	22.26		
1.4	16QAM	1	5	22.37	22.46	22.34		
1.4	16QAM	3	0	22.27	22.40	22.28		
1.4	16QAM	3	1	22.29	22.40	22.36		
1.4	16QAM	3	3	22.34	22.42	22.32		
1.4	16QAM	6	0	22.26	22.42	22.28	23.5	0
1.4	64QAM	1	0	22.22	22.52	22.40	23.5	0
1.4	64QAM	1	3	22.23	22.48	22.30		
1.4	64QAM	1	5	22.23	22.46	22.31		
1.4	64QAM	3	0	22.36	22.39	22.32		
1.4	64QAM	3	1	22.35	22.42	22.31		
1.4	64QAM	3	3	22.28	22.40	22.37		
1.4	64QAM	6	0	21.24	21.49	21.31	22.5	1
1.4	256QAM	1	0	19.37	19.46	19.32	20.5	3
1.4	256QAM	1	3	19.32	19.44	19.41		
1.4	256QAM	1	5	19.30	19.35	19.28		
1.4	256QAM	3	0	19.34	19.43	19.29		
1.4	256QAM	3	1	19.32	19.37	19.26		
1.4	256QAM	3	3	19.39	19.38	19.36		
1.4	256QAM	6	0	19.37	19.35	19.41	20.5	3

Band 4 Ant3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.87	24.95	24.91	25.7	0
20	QPSK	1	49	24.78	24.91	24.81		
20	QPSK	1	99	24.83	24.88	24.79		
20	QPSK	50	0	23.93	23.99	23.89	24.7	1
20	QPSK	50	24	23.83	23.97	23.81		
20	QPSK	50	50	23.88	23.85	23.77		
20	QPSK	100	0	23.89	23.94	23.93		
20	16QAM	1	0	23.83	23.93	23.89	24.7	1
20	16QAM	1	49	23.74	23.92	23.87		
20	16QAM	1	99	23.83	23.85	23.83		
20	16QAM	50	0	22.96	23.02	22.92	23.7	2
20	16QAM	50	24	22.81	22.94	22.81		
20	16QAM	50	50	22.87	22.81	22.74		
20	16QAM	100	0	22.90	22.96	22.98		
20	64QAM	1	0	22.79	22.99	22.90	23.7	2
20	64QAM	1	49	22.70	22.87	22.84		
20	64QAM	1	99	22.87	22.83	22.86		
20	64QAM	50	0	21.92	22.01	21.92	22.7	3
20	64QAM	50	24	21.82	21.97	21.78		
20	64QAM	50	50	21.91	21.84	21.79		
20	64QAM	100	0	21.88	21.93	21.95		
20	256QAM	1	0	19.96	20.04	19.85	20.7	5
20	256QAM	1	49	19.82	19.94	19.77		
20	256QAM	1	99	19.86	19.84	19.76		
20	256QAM	50	0	19.86	19.89	19.88	20.7	5
20	256QAM	50	24	19.86	19.93	19.92		
20	256QAM	50	50	19.77	19.88	19.83		
20	256QAM	100	0	19.79	19.81	19.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.79	24.82	24.84	25.7	0
15	QPSK	1	37	24.68	24.82	24.77		
15	QPSK	1	74	24.71	24.75	24.67		
15	QPSK	36	0	23.80	23.85	23.87	24.7	1
15	QPSK	36	20	23.75	23.89	23.71		
15	QPSK	36	39	23.81	23.80	23.71		
15	QPSK	75	0	23.81	23.92	23.89		
15	16QAM	1	0	23.70	23.91	23.81	24.7	1
15	16QAM	1	37	23.63	23.79	23.84		
15	16QAM	1	74	23.75	23.74	23.80		
15	16QAM	36	0	22.88	22.94	22.79	23.7	2
15	16QAM	36	20	22.70	22.90	22.69		
15	16QAM	36	39	22.84	22.73	22.65		
15	16QAM	75	0	22.84	22.92	22.92		
15	64QAM	1	0	22.74	22.94	22.80	23.7	2
15	64QAM	1	37	22.56	22.82	22.81		
15	64QAM	1	74	22.80	22.74	22.80		
15	64QAM	36	0	21.81	21.95	21.87	22.7	3
15	64QAM	36	20	21.79	21.95	21.72		
15	64QAM	36	39	21.78	21.75	21.69		
15	64QAM	75	0	21.82	21.89	21.89		
15	256QAM	1	0	19.94	20.00	19.77	20.7	5
15	256QAM	1	37	19.79	19.89	19.73		
15	256QAM	1	74	19.74	19.73	19.67		
15	256QAM	36	0	19.76	19.86	19.78	20.7	5
15	256QAM	36	20	19.79	19.80	19.84		
15	256QAM	36	39	19.72	19.81	19.79		
15	256QAM	75	0	19.70	19.67	19.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.76	24.90	24.88	25.7	0
10	QPSK	1	25	24.68	24.83	24.75		
10	QPSK	1	49	24.70	24.84	24.76		
10	QPSK	25	0	23.88	23.85	23.77	24.7	1
10	QPSK	25	12	23.75	23.89	23.69		
10	QPSK	25	25	23.85	23.73	23.70		
10	QPSK	50	0	23.84	23.85	23.84		
10	16QAM	1	0	23.74	23.86	23.77	24.7	1
10	16QAM	1	25	23.71	23.86	23.75		
10	16QAM	1	49	23.70	23.82	23.71		
10	16QAM	25	0	22.83	22.99	22.80	23.7	2
10	16QAM	25	12	22.70	22.83	22.75		
10	16QAM	25	25	22.79	22.71	22.71		
10	16QAM	50	0	22.79	22.84	22.88		
10	64QAM	1	0	22.65	22.86	22.83	23.7	2
10	64QAM	1	25	22.66	22.76	22.70		
10	64QAM	1	49	22.74	22.69	22.72		
10	64QAM	25	0	21.84	21.95	21.85	22.7	3
10	64QAM	25	12	21.72	21.86	21.74		
10	64QAM	25	25	21.83	21.80	21.69		
10	64QAM	50	0	21.82	21.83	21.84		
10	256QAM	1	0	19.84	20.02	19.75	20.7	5
10	256QAM	1	25	19.73	19.89	19.65		
10	256QAM	1	49	19.72	19.75	19.73		
10	256QAM	25	0	19.75	19.76	19.82	20.7	5
10	256QAM	25	12	19.83	19.88	19.86		
10	256QAM	25	25	19.69	19.83	19.71		
10	256QAM	50	0	19.72	19.72	19.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.78	24.91	24.79	25.7	0
5	QPSK	1	12	24.73	24.86	24.71		
5	QPSK	1	24	24.76	24.85	24.69		
5	QPSK	12	0	23.84	23.90	23.82	24.7	1
5	QPSK	12	7	23.70	23.89	23.69		
5	QPSK	12	13	23.81	23.82	23.66		
5	QPSK	25	0	23.77	23.86	23.87		
5	16QAM	1	0	23.74	23.82	23.79	24.7	1
5	16QAM	1	12	23.68	23.85	23.77		
5	16QAM	1	24	23.78	23.79	23.79		
5	16QAM	12	0	22.89	22.95	22.89	23.7	2
5	16QAM	12	7	22.68	22.86	22.72		
5	16QAM	12	13	22.77	22.76	22.67		
5	16QAM	25	0	22.88	22.91	22.86		
5	64QAM	1	0	22.69	22.93	22.78	23.7	2
5	64QAM	1	12	22.60	22.79	22.71		
5	64QAM	1	24	22.78	22.79	22.79		
5	64QAM	12	0	21.87	21.90	21.83	22.7	3
5	64QAM	12	7	21.69	21.86	21.75		
5	64QAM	12	13	21.78	21.76	21.71		
5	64QAM	25	0	21.85	21.81	21.90		
5	256QAM	1	0	19.93	19.98	19.71	20.7	5
5	256QAM	1	12	19.77	19.85	19.71		
5	256QAM	1	24	19.82	19.77	19.69		
5	256QAM	12	0	19.79	19.85	19.84	20.7	5
5	256QAM	12	7	19.84	19.81	19.81		
5	256QAM	12	13	19.71	19.82	19.73		
5	256QAM	25	0	19.70	19.70	19.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.79	24.81	24.89	25.7	0
3	QPSK	1	8	24.69	24.77	24.78		
3	QPSK	1	14	24.73	24.83	24.71		
3	QPSK	8	0	23.83	23.96	23.77	24.7	1
3	QPSK	8	4	23.74	23.88	23.68		
3	QPSK	8	7	23.81	23.79	23.69		
3	QPSK	15	0	23.80	23.90	23.87		
3	16QAM	1	0	23.77	23.82	23.87	24.7	1
3	16QAM	1	8	23.72	23.89	23.81		
3	16QAM	1	14	23.72	23.76	23.79		
3	16QAM	8	0	22.94	22.91	22.79	23.7	2
3	16QAM	8	4	22.68	22.84	22.70		
3	16QAM	8	7	22.76	22.69	22.68		
3	16QAM	15	0	22.81	22.88	22.84		
3	64QAM	1	0	22.65	22.89	22.79	23.7	2
3	64QAM	1	8	22.67	22.82	22.73		
3	64QAM	1	14	22.84	22.73	22.81		
3	64QAM	8	0	21.79	21.87	21.82	22.7	3
3	64QAM	8	4	21.76	21.83	21.69		
3	64QAM	8	7	21.79	21.80	21.70		
3	64QAM	15	0	21.75	21.80	21.86		
3	256QAM	1	0	19.92	19.96	19.76	20.7	5
3	256QAM	1	8	19.77	19.89	19.68		
3	256QAM	1	14	19.84	19.70	19.63		
3	256QAM	8	0	19.82	19.79	19.85	20.7	5
3	256QAM	8	4	19.74	19.81	19.85		
3	256QAM	8	7	19.66	19.85	19.72		
3	256QAM	15	0	19.71	19.77	19.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.80	24.93	24.77	25.7	0
1.4	QPSK	1	3	24.70	24.86	24.74		
1.4	QPSK	1	5	24.73	24.80	24.74		
1.4	QPSK	3	0	24.68	24.81	24.65		
1.4	QPSK	3	1	24.59	24.75	24.64		
1.4	QPSK	3	3	24.69	24.66	24.61		
1.4	QPSK	6	0	23.75	23.83	23.87	24.7	1
1.4	16QAM	1	0	23.80	23.82	23.85	24.7	1
1.4	16QAM	1	3	23.61	23.80	23.78		
1.4	16QAM	1	5	23.69	23.83	23.74		
1.4	16QAM	3	0	23.72	23.71	23.80		
1.4	16QAM	3	1	23.69	23.73	23.77		
1.4	16QAM	3	3	23.49	23.73	23.72		
1.4	16QAM	6	0	22.88	22.90	22.87	23.7	2
1.4	64QAM	1	0	22.70	22.90	22.86	23.7	2
1.4	64QAM	1	3	22.63	22.82	22.81		
1.4	64QAM	1	5	22.77	22.77	22.79		
1.4	64QAM	3	0	22.83	22.77	22.74		
1.4	64QAM	3	1	22.57	22.76	22.82		
1.4	64QAM	3	3	22.58	22.76	22.68		
1.4	64QAM	6	0	21.84	21.81	21.83	22.7	3
1.4	256QAM	1	0	19.88	19.90	19.75	20.7	5
1.4	256QAM	1	3	19.78	19.89	19.69		
1.4	256QAM	1	5	19.84	19.76	19.72		
1.4	256QAM	3	0	19.75	19.77	19.77		
1.4	256QAM	3	1	19.84	19.90	19.90		
1.4	256QAM	3	3	19.69	19.85	19.75		
1.4	256QAM	6	0	19.67	19.68	19.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.74	23.87	23.71	25.5	0
20	QPSK	1	49	23.68	23.70	23.61		
20	QPSK	1	99	23.66	23.68	23.69		
20	QPSK	50	0	22.72	22.82	22.72	24.5	1
20	QPSK	50	24	22.72	22.70	22.64		
20	QPSK	50	50	22.66	22.73	22.65		
20	QPSK	100	0	22.73	22.81	22.73		
20	16QAM	1	0	22.74	22.78	22.75	24.5	1
20	16QAM	1	49	22.68	22.69	22.63		
20	16QAM	1	99	22.67	22.70	22.72		
20	16QAM	50	0	21.71	21.85	21.73	23.5	2
20	16QAM	50	24	21.67	21.75	21.66		
20	16QAM	50	50	21.62	21.74	21.69		
20	16QAM	100	0	21.73	21.80	21.67		
20	64QAM	1	0	21.74	21.79	21.73	23.5	2
20	64QAM	1	49	21.68	21.75	21.66		
20	64QAM	1	99	21.66	21.74	21.72		
20	64QAM	50	0	20.74	20.84	20.75	22.5	3
20	64QAM	50	24	20.72	20.66	20.62		
20	64QAM	50	50	20.65	20.74	20.67		
20	64QAM	100	0	20.67	20.79	20.72		
20	256QAM	1	0	18.71	18.84	18.75	20.5	5
20	256QAM	1	49	18.71	18.71	18.62		
20	256QAM	1	99	18.68	18.78	18.61		
20	256QAM	50	0	18.75	18.80	18.76	20.5	5
20	256QAM	50	24	18.79	18.74	18.81		
20	256QAM	50	50	18.69	18.71	18.65		
20	256QAM	100	0	18.68	18.66	18.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.65	23.68	23.63	25.5	0
15	QPSK	1	37	23.64	23.67	23.53		
15	QPSK	1	74	23.58	23.62	23.62		
15	QPSK	36	0	22.62	22.76	22.70	24.5	1
15	QPSK	36	20	22.66	22.60	22.61		
15	QPSK	36	39	22.58	22.69	22.57		
15	QPSK	75	0	22.61	22.72	22.67		
15	16QAM	1	0	22.66	22.70	22.72	24.5	1
15	16QAM	1	37	22.59	22.60	22.58		
15	16QAM	1	74	22.60	22.66	22.68		
15	16QAM	36	0	21.60	21.74	21.69	23.5	2
15	16QAM	36	20	21.58	21.62	21.56		
15	16QAM	36	39	21.52	21.69	21.66		
15	16QAM	75	0	21.69	21.69	21.65		
15	64QAM	1	0	21.62	21.74	21.62	23.5	2
15	64QAM	1	37	21.63	21.67	21.53		
15	64QAM	1	74	21.58	21.70	21.70		
15	64QAM	36	0	20.67	20.81	20.64	22.5	3
15	64QAM	36	20	20.62	20.56	20.52		
15	64QAM	36	39	20.55	20.62	20.61		
15	64QAM	75	0	20.64	20.67	20.59		
15	256QAM	1	0	18.58	18.75	18.61	20.5	5
15	256QAM	1	37	18.59	18.67	18.51		
15	256QAM	1	74	18.57	18.65	18.57		
15	256QAM	36	0	18.64	18.76	18.64	20.5	5
15	256QAM	36	20	18.66	18.67	18.76		
15	256QAM	36	39	18.55	18.60	18.53		
15	256QAM	75	0	18.63	18.63	18.65		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.60	23.73	23.61	25.5	0
10	QPSK	1	25	23.62	23.56	23.55		
10	QPSK	1	49	23.60	23.60	23.56		
10	QPSK	25	0	22.67	22.76	22.67	24.5	1
10	QPSK	25	12	22.64	22.59	22.52		
10	QPSK	25	25	22.64	22.61	22.57		
10	QPSK	50	0	22.63	22.79	22.67		
10	16QAM	1	0	22.65	22.72	22.68	24.5	1
10	16QAM	1	25	22.62	22.62	22.51		
10	16QAM	1	49	22.65	22.64	22.68		
10	16QAM	25	0	21.68	21.81	21.67	23.5	2
10	16QAM	25	12	21.64	21.62	21.61		
10	16QAM	25	25	21.55	21.63	21.64		
10	16QAM	50	0	21.69	21.68	21.59		
10	64QAM	1	0	21.61	21.71	21.66	23.5	2
10	64QAM	1	25	21.56	21.64	21.54		
10	64QAM	1	49	21.62	21.69	21.68		
10	64QAM	25	0	20.70	20.71	20.71	22.5	3
10	64QAM	25	12	20.65	20.56	20.60		
10	64QAM	25	25	20.58	20.64	20.54		
10	64QAM	50	0	20.58	20.76	20.61		
10	256QAM	1	0	18.65	18.81	18.62	20.5	5
10	256QAM	1	25	18.64	18.60	18.52		
10	256QAM	1	49	18.59	18.66	18.50		
10	256QAM	25	0	18.64	18.66	18.66	20.5	5
10	256QAM	25	12	18.70	18.69	18.67		
10	256QAM	25	25	18.65	18.59	18.57		
10	256QAM	50	0	18.62	18.60	18.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.67	23.63	23.57	25.5	0
5	QPSK	1	12	23.64	23.64	23.58		
5	QPSK	1	24	23.55	23.58	23.57		
5	QPSK	12	0	22.68	22.72	22.63	24.5	1
5	QPSK	12	7	22.63	22.57	22.57		
5	QPSK	12	13	22.59	22.67	22.60		
5	QPSK	25	0	22.67	22.70	22.64		
5	16QAM	1	0	22.66	22.69	22.72	24.5	1
5	16QAM	1	12	22.64	22.63	22.56		
5	16QAM	1	24	22.59	22.63	22.60		
5	16QAM	12	0	21.65	21.77	21.67	23.5	2
5	16QAM	12	7	21.64	21.70	21.53		
5	16QAM	12	13	21.52	21.69	21.60		
5	16QAM	25	0	21.70	21.78	21.61		
5	64QAM	1	0	21.65	21.67	21.66	23.5	2
5	64QAM	1	12	21.60	21.62	21.53		
5	64QAM	1	24	21.60	21.69	21.59		
5	64QAM	12	0	20.67	20.79	20.63	22.5	3
5	64QAM	12	7	20.67	20.56	20.56		
5	64QAM	12	13	20.60	20.67	20.57		
5	64QAM	25	0	20.57	20.69	20.69		
5	256QAM	1	0	18.60	18.71	18.73	20.5	5
5	256QAM	1	12	18.59	18.64	18.55		
5	256QAM	1	24	18.61	18.73	18.52		
5	256QAM	12	0	18.66	18.67	18.63	20.5	5
5	256QAM	12	7	18.71	18.63	18.68		
5	256QAM	12	13	18.66	18.63	18.59		
5	256QAM	25	0	18.58	18.55	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.09	24.13	24.01	25	0
20	QPSK	1	49	24.02	24.08	23.99		
20	QPSK	1	99	24.01	24.02	23.88		
20	QPSK	50	0	23.09	23.18	23.04	24	1
20	QPSK	50	24	23.05	23.12	22.96		
20	QPSK	50	50	23.05	23.02	22.87		
20	QPSK	100	0	23.11	23.15	23.00		
20	16QAM	1	0	23.04	23.11	23.04	24	1
20	16QAM	1	49	22.97	23.11	23.03		
20	16QAM	1	99	22.99	22.98	22.91		
20	16QAM	50	0	22.10	22.20	22.08	23	2
20	16QAM	50	24	22.00	22.13	21.94		
20	16QAM	50	50	22.10	21.97	21.89		
20	16QAM	100	0	22.16	22.18	21.97		
20	64QAM	1	0	21.99	22.05	22.01	23	2
20	64QAM	1	49	21.94	22.10	21.99		
20	64QAM	1	99	21.96	21.99	21.96		
20	64QAM	50	0	21.04	21.17	21.08	22	3
20	64QAM	50	24	21.10	21.16	20.91		
20	64QAM	50	50	21.08	20.96	20.92		
20	64QAM	100	0	21.10	21.12	20.96		
20	256QAM	1	0	19.03	19.22	19.02	20	5
20	256QAM	1	49	19.01	19.11	18.97		
20	256QAM	1	99	19.03	19.04	18.83		
20	256QAM	50	0	19.17	19.13	18.97	20	5
20	256QAM	50	24	18.99	19.14	19.04		
20	256QAM	50	50	19.02	19.08	19.06		
20	256QAM	100	0	19.02	18.93	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.00	24.04	23.94	25	0
15	QPSK	1	37	23.89	23.97	23.88		
15	QPSK	1	74	23.94	23.98	23.79		
15	QPSK	36	0	23.03	23.13	23.00	24	1
15	QPSK	36	20	22.98	22.98	22.87		
15	QPSK	36	39	22.91	22.96	22.81		
15	QPSK	75	0	23.04	23.05	22.91		
15	16QAM	1	0	22.96	22.98	22.97	24	1
15	16QAM	1	37	22.86	23.06	22.94		
15	16QAM	1	74	22.96	22.86	22.84		
15	16QAM	36	0	22.04	22.14	21.98	23	2
15	16QAM	36	20	21.87	22.05	21.80		
15	16QAM	36	39	22.04	21.85	21.83		
15	16QAM	75	0	22.06	22.04	21.93		
15	64QAM	1	0	21.94	22.02	21.93	23	2
15	64QAM	1	37	21.88	22.03	21.93		
15	64QAM	1	74	21.91	21.93	21.90		
15	64QAM	36	0	20.91	21.07	20.97	22	3
15	64QAM	36	20	21.06	21.03	20.80		
15	64QAM	36	39	20.97	20.85	20.84		
15	64QAM	75	0	20.99	21.01	20.85		
15	256QAM	1	0	18.90	19.19	18.94	20	5
15	256QAM	1	37	18.89	19.02	18.88		
15	256QAM	1	74	18.92	18.99	18.72		
15	256QAM	36	0	19.07	19.09	18.89	20	5
15	256QAM	36	20	18.89	19.09	18.97		
15	256QAM	36	39	18.97	19.02	19.01		
15	256QAM	75	0	18.91	18.90	18.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.96	24.04	23.91	25	0
10	QPSK	1	25	23.99	23.95	23.89		
10	QPSK	1	49	23.91	23.89	23.83		
10	QPSK	25	0	22.97	23.12	23.00	24	1
10	QPSK	25	12	22.99	23.07	22.86		
10	QPSK	25	25	23.00	22.91	22.80		
10	QPSK	50	0	23.02	23.04	22.87		
10	16QAM	1	0	23.00	23.02	23.00	24	1
10	16QAM	1	25	22.92	23.01	22.97		
10	16QAM	1	49	22.93	22.86	22.80		
10	16QAM	25	0	22.02	22.06	22.06	23	2
10	16QAM	25	12	21.97	22.05	21.90		
10	16QAM	25	25	22.01	21.89	21.86		
10	16QAM	50	0	22.05	22.15	21.84		
10	64QAM	1	0	21.97	22.02	21.89	23	2
10	64QAM	1	25	21.86	22.04	21.88		
10	64QAM	1	49	21.90	21.90	21.93		
10	64QAM	25	0	21.00	21.14	20.98	22	3
10	64QAM	25	12	21.00	21.12	20.89		
10	64QAM	25	25	20.97	20.93	20.90		
10	64QAM	50	0	21.03	21.07	20.91		
10	256QAM	1	0	18.91	19.09	18.90	20	5
10	256QAM	1	25	18.87	19.04	18.89		
10	256QAM	1	49	18.96	18.95	18.72		
10	256QAM	25	0	19.07	19.01	18.89	20	5
10	256QAM	25	12	18.96	19.10	18.99		
10	256QAM	25	25	18.93	19.02	18.97		
10	256QAM	50	0	18.89	18.84	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.98	23.99	23.94	25	0
5	QPSK	1	12	23.97	24.02	23.91		
5	QPSK	1	24	23.98	23.98	23.78		
5	QPSK	12	0	23.02	23.07	22.94	24	1
5	QPSK	12	7	22.92	23.04	22.93		
5	QPSK	12	13	22.92	22.97	22.76		
5	QPSK	25	0	23.07	23.12	22.95		
5	16QAM	1	0	23.02	23.03	22.98	24	1
5	16QAM	1	12	22.83	22.99	22.92		
5	16QAM	1	24	22.87	22.92	22.78		
5	16QAM	12	0	22.03	22.16	22.00	23	2
5	16QAM	12	7	21.89	22.00	21.85		
5	16QAM	12	13	22.00	21.92	21.79		
5	16QAM	25	0	22.11	22.09	21.93		
5	64QAM	1	0	21.91	22.00	21.91	23	2
5	64QAM	1	12	21.87	22.07	21.90		
5	64QAM	1	24	21.84	21.93	21.91		
5	64QAM	12	0	20.94	21.05	20.96	22	3
5	64QAM	12	7	21.07	21.06	20.80		
5	64QAM	12	13	21.03	20.93	20.89		
5	64QAM	25	0	20.98	21.00	20.82		
5	256QAM	1	0	18.92	19.13	18.93	20	5
5	256QAM	1	12	18.92	19.05	18.91		
5	256QAM	1	24	18.89	19.01	18.77		
5	256QAM	12	0	19.15	19.07	18.94	20	5
5	256QAM	12	7	18.91	19.11	18.98		
5	256QAM	12	13	18.91	19.05	19.02		
5	256QAM	25	0	18.91	18.89	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.02	23.89	25	0
3	QPSK	1	8	23.93	24.04	23.95		
3	QPSK	1	14	23.93	23.99	23.85		
3	QPSK	8	0	23.04	23.14	22.93	24	1
3	QPSK	8	4	22.99	23.04	22.83		
3	QPSK	8	7	22.94	22.94	22.80		
3	QPSK	15	0	23.00	23.07	22.94		
3	16QAM	1	0	22.92	23.05	22.96	24	1
3	16QAM	1	8	22.86	23.04	22.94		
3	16QAM	1	14	22.87	22.95	22.82		
3	16QAM	8	0	22.06	22.16	22.05	23	2
3	16QAM	8	4	21.92	22.07	21.85		
3	16QAM	8	7	22.02	21.89	21.77		
3	16QAM	15	0	22.12	22.11	21.90		
3	64QAM	1	0	21.86	21.99	21.96	23	2
3	64QAM	1	8	21.89	22.06	21.90		
3	64QAM	1	14	21.86	21.96	21.92		
3	64QAM	8	0	21.00	21.14	21.00	22	3
3	64QAM	8	4	20.98	21.14	20.82		
3	64QAM	8	7	21.02	20.83	20.85		
3	64QAM	15	0	21.01	21.10	20.85		
3	256QAM	1	0	18.91	19.11	18.99	20	5
3	256QAM	1	8	18.97	19.00	18.90		
3	256QAM	1	14	18.94	18.93	18.73		
3	256QAM	8	0	19.08	19.11	18.83	20	5
3	256QAM	8	4	18.94	19.04	18.99		
3	256QAM	8	7	18.99	18.95	18.93		
3	256QAM	15	0	18.92	18.82	18.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.02	24.02	23.98	25	0
1.4	QPSK	1	3	23.93	24.05	23.91		
1.4	QPSK	1	5	23.93	23.90	23.81		
1.4	QPSK	3	0	24.00	23.89	23.94		
1.4	QPSK	3	1	23.82	24.02	23.81		
1.4	QPSK	3	3	23.87	23.76	23.74		
1.4	QPSK	6	0	23.03	23.07	22.96	24	1
1.4	16QAM	1	0	22.99	23.07	22.96	24	1
1.4	16QAM	1	3	22.89	23.01	22.98		
1.4	16QAM	1	5	22.95	22.87	22.83		
1.4	16QAM	3	0	23.00	23.01	22.92		
1.4	16QAM	3	1	22.87	23.00	22.94		
1.4	16QAM	3	3	22.81	22.94	22.86		
1.4	16QAM	6	0	22.03	22.08	21.83	23	2
1.4	64QAM	1	0	21.85	21.98	21.91	23	2
1.4	64QAM	1	3	21.84	22.01	21.92		
1.4	64QAM	1	5	21.86	21.92	21.86		
1.4	64QAM	3	0	21.99	22.06	21.81		
1.4	64QAM	3	1	21.73	21.85	21.78		
1.4	64QAM	3	3	21.77	21.90	21.79		
1.4	64QAM	6	0	20.96	21.03	20.93	22	3
1.4	256QAM	1	0	18.91	19.13	18.91	20	5
1.4	256QAM	1	3	18.97	19.06	18.85		
1.4	256QAM	1	5	18.94	18.91	18.76		
1.4	256QAM	3	0	19.07	19.00	18.84		
1.4	256QAM	3	1	18.88	19.03	18.97		
1.4	256QAM	3	3	18.88	18.99	18.96		
1.4	256QAM	6	0	18.98	18.91	18.86	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.05	25	0
20	QPSK	1	49	23.88	24.05	23.98		
20	QPSK	1	99	23.91	24.00	23.96		
20	QPSK	50	0	22.97	23.12	23.00	24	1
20	QPSK	50	24	22.87	22.99	23.00		
20	QPSK	50	50	22.96	22.95	23.00		
20	QPSK	100	0	23.03	23.07	23.10		
20	16QAM	1	0	22.96	23.07	23.05	24	1
20	16QAM	1	49	22.90	23.03	23.00		
20	16QAM	1	99	22.86	22.98	22.98		
20	16QAM	50	0	21.99	22.12	22.00	23	2
20	16QAM	50	24	21.85	21.95	22.04		
20	16QAM	50	50	21.90	21.92	21.95		
20	16QAM	100	0	22.01	22.02	22.05		
20	64QAM	1	0	21.98	22.05	21.99	23	2
20	64QAM	1	49	21.91	22.02	22.05		
20	64QAM	1	99	21.84	21.98	21.95		
20	64QAM	50	0	20.99	21.11	21.05	22	3
20	64QAM	50	24	20.90	21.00	21.05		
20	64QAM	50	50	20.91	20.89	20.96		
20	64QAM	100	0	21.03	21.11	21.09		
20	256QAM	1	0	18.99	19.18	18.99	20	5
20	256QAM	1	49	18.85	19.00	19.00		
20	256QAM	1	99	18.99	18.99	19.06		
20	256QAM	50	0	19.00	19.09	19.15	20	5
20	256QAM	50	24	19.01	19.02	19.09		
20	256QAM	50	50	18.92	19.00	18.98		
20	256QAM	100	0	18.83	18.96	18.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.89	24.08	24.02	25	0
15	QPSK	1	37	23.77	23.91	23.86		
15	QPSK	1	74	23.82	23.91	23.87		
15	QPSK	36	0	22.93	22.99	22.94	24	1
15	QPSK	36	20	22.84	22.92	22.91		
15	QPSK	36	39	22.89	22.82	22.94		
15	QPSK	75	0	23.00	22.99	23.00		
15	16QAM	1	0	22.84	22.97	22.99	24	1
15	16QAM	1	37	22.84	22.91	22.95		
15	16QAM	1	74	22.82	22.90	22.92		
15	16QAM	36	0	21.97	22.03	21.97	23	2
15	16QAM	36	20	21.82	21.89	21.93		
15	16QAM	36	39	21.84	21.90	21.89		
15	16QAM	75	0	21.87	21.92	21.94		
15	64QAM	1	0	21.95	21.94	21.87	23	2
15	64QAM	1	37	21.83	21.94	21.98		
15	64QAM	1	74	21.77	21.86	21.93		
15	64QAM	36	0	20.88	21.08	20.99	22	3
15	64QAM	36	20	20.81	20.95	20.91		
15	64QAM	36	39	20.88	20.80	20.87		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	18.86	19.12	18.94	20	5
15	256QAM	1	37	18.72	18.92	18.86		
15	256QAM	1	74	18.88	18.94	18.96		
15	256QAM	36	0	18.89	19.01	19.02	20	5
15	256QAM	36	20	18.92	18.94	19.04		
15	256QAM	36	39	18.81	18.97	18.85		
15	256QAM	75	0	18.75	18.90	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.95	24.00	24.00	25	0
10	QPSK	1	25	23.76	24.02	23.85		
10	QPSK	1	49	23.82	23.94	23.84		
10	QPSK	25	0	22.85	22.98	22.88	24	1
10	QPSK	25	12	22.81	22.90	22.88		
10	QPSK	25	25	22.94	22.82	22.88		
10	QPSK	50	0	23.00	23.00	22.97		
10	16QAM	1	0	22.92	23.00	23.00	24	1
10	16QAM	1	25	22.81	22.91	22.87		
10	16QAM	1	49	22.78	22.93	22.91		
10	16QAM	25	0	21.87	22.06	21.89	23	2
10	16QAM	25	12	21.81	21.89	21.95		
10	16QAM	25	25	21.81	21.87	21.87		
10	16QAM	50	0	21.90	21.99	22.02		
10	64QAM	1	0	21.85	21.99	21.96	23	2
10	64QAM	1	25	21.80	21.88	22.00		
10	64QAM	1	49	21.75	21.91	21.86		
10	64QAM	25	0	20.87	21.07	20.95	22	3
10	64QAM	25	12	20.81	20.92	20.95		
10	64QAM	25	25	20.82	20.82	20.89		
10	64QAM	50	0	20.92	21.00	20.97		
10	256QAM	1	0	18.85	19.12	18.95	20	5
10	256QAM	1	25	18.76	18.88	18.92		
10	256QAM	1	49	18.96	18.95	18.94		
10	256QAM	25	0	18.92	18.99	19.08	20	5
10	256QAM	25	12	18.97	18.88	19.04		
10	256QAM	25	25	18.81	18.97	18.87		
10	256QAM	50	0	18.70	18.94	18.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.90	24.04	24.01	25	0
5	QPSK	1	12	23.84	23.96	23.90		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.94	23.03	22.91	24	1
5	QPSK	12	7	22.79	22.92	22.88		
5	QPSK	12	13	22.84	22.85	22.96		
5	QPSK	25	0	23.01	22.97	23.02		
5	16QAM	1	0	22.89	22.95	23.00	24	1
5	16QAM	1	12	22.80	22.92	22.88		
5	16QAM	1	24	22.78	22.96	22.90		
5	16QAM	12	0	21.86	22.06	21.88	23	2
5	16QAM	12	7	21.80	21.85	21.90		
5	16QAM	12	13	21.83	21.86	21.82		
5	16QAM	25	0	21.95	21.97	22.01		
5	64QAM	1	0	21.94	21.92	21.92	23	2
5	64QAM	1	12	21.86	21.96	21.99		
5	64QAM	1	24	21.72	21.95	21.82		
5	64QAM	12	0	20.90	21.08	20.95	22	3
5	64QAM	12	7	20.80	20.93	20.99		
5	64QAM	12	13	20.87	20.84	20.92		
5	64QAM	25	0	20.97	21.05	21.07		
5	256QAM	1	0	18.94	19.10	18.90	20	5
5	256QAM	1	12	18.76	18.97	18.91		
5	256QAM	1	24	18.87	18.96	18.98		
5	256QAM	12	0	18.96	18.99	19.10	20	5
5	256QAM	12	7	18.96	18.89	19.00		
5	256QAM	12	13	18.83	18.90	18.95		
5	256QAM	25	0	18.72	18.88	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.02	24.09	24.10	24.06	24.02	25	0
20	QPSK	1	49	23.88	24.05	24.08	23.95	23.96		
20	QPSK	1	99	23.93	23.95	24.04	23.95	23.94		
20	QPSK	50	0	23.02	23.09	23.14	23.06	23.03	24	1
20	QPSK	50	24	22.85	23.05	23.09	23.00	22.95		
20	QPSK	50	50	22.92	22.98	23.06	22.97	22.93		
20	QPSK	100	0	23.08	23.05	23.09	23.08	23.01		
20	16QAM	1	0	23.06	23.12	23.05	23.07	23.06	24	1
20	16QAM	1	49	22.93	23.02	23.07	22.98	23.01		
20	16QAM	1	99	22.90	22.92	23.09	22.98	22.96		
20	16QAM	50	0	22.08	22.03	22.16	22.04	22.05	23	2
20	16QAM	50	24	21.84	22.00	22.06	22.05	21.99		
20	16QAM	50	50	21.88	21.99	22.12	22.02	21.88		
20	16QAM	100	0	22.05	22.00	22.13	22.12	22.05		
20	64QAM	1	0	22.04	22.14	22.02	22.08	22.09	23	2
20	64QAM	1	49	21.90	22.01	22.09	21.95	22.05		
20	64QAM	1	99	21.91	21.95	22.13	21.95	21.94		
20	64QAM	50	0	21.03	21.15	21.19	21.06	21.07	22	3
20	64QAM	50	24	20.90	21.06	21.15	21.04	20.89		
20	64QAM	50	50	20.93	20.95	21.01	21.01	20.99		
20	64QAM	100	0	21.14	21.02	21.10	21.12	20.98		
20	256QAM	1	0	19.07	19.13	19.18	19.05	19.07	20	5
20	256QAM	1	49	18.89	19.05	19.12	19.04	18.95		
20	256QAM	1	99	18.92	19.03	19.03	18.98	18.88		
20	256QAM	50	0	19.09	19.08	19.08	19.08	19.02	20	5
20	256QAM	50	24	19.04	19.11	19.03	19.07	19.10		
20	256QAM	50	50	18.89	19.03	19.04	19.04	19.00		
20	256QAM	100	0	18.93	18.91	19.10	18.99	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.06	24.06	24.04	23.98	25.00	0
15	QPSK	1	37	23.79	23.96	23.97	23.81	23.88		
15	QPSK	1	74	23.86	23.91	24.00	23.83	23.89		
15	QPSK	36	0	22.92	23.02	23.03	22.94	22.97	24	1
15	QPSK	36	20	22.74	22.93	23.00	22.90	22.83		
15	QPSK	36	39	22.89	22.90	22.95	22.93	22.79		
15	QPSK	75	0	22.99	23.02	22.96	23.04	22.87		
15	16QAM	1	0	22.95	23.04	22.92	23.00	22.92	24	1
15	16QAM	1	37	22.84	22.91	22.97	22.92	22.93		
15	16QAM	1	74	22.81	22.86	23.03	22.87	22.88		
15	16QAM	36	0	22.01	21.94	22.09	21.93	21.92	23	2
15	16QAM	36	20	21.71	21.93	21.96	21.92	21.96		
15	16QAM	36	39	21.85	21.94	22.06	21.98	21.85		
15	16QAM	75	0	21.97	21.86	22.10	22.09	21.91		
15	64QAM	1	0	22.00	22.01	21.98	22.01	22.02	23	2
15	64QAM	1	37	21.80	21.94	22.06	21.84	21.95		
15	64QAM	1	74	21.81	21.83	22.06	21.81	21.85		
15	64QAM	36	0	21.00	21.07	21.08	20.93	20.95	22	3
15	64QAM	36	20	20.80	20.95	21.01	20.93	20.80		
15	64QAM	36	39	20.84	20.91	20.92	20.88	20.88		
15	64QAM	75	0	21.05	20.88	21.00	21.04	20.87		
15	256QAM	1	0	19.00	19.03	19.07	18.93	19.00	20	5
15	256QAM	1	37	18.87	19.00	19.08	18.93	18.88		
15	256QAM	1	74	18.88	19.00	18.95	18.90	18.79		
15	256QAM	36	0	19.05	19.02	19.02	18.96	18.99	20	5
15	256QAM	36	20	19.02	18.99	18.92	18.94	19.06		
15	256QAM	36	39	18.80	18.97	18.94	19.00	18.89		
15	256QAM	75	0	18.82	18.89	18.97	18.85	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.99	24.06	23.99	23.91	25.00	0
10	QPSK	1	25	23.82	23.91	23.95	23.90	23.86		
10	QPSK	1	49	23.84	23.91	23.98	23.92	23.83		
10	QPSK	25	0	22.91	23.02	23.04	22.92	22.96	24	1
10	QPSK	25	12	22.72	23.01	22.99	22.93	22.88		
10	QPSK	25	25	22.87	22.90	22.98	22.84	22.89		
10	QPSK	50	0	23.04	22.92	23.00	22.95	22.95		
10	16QAM	1	0	22.93	23.04	22.95	23.04	23.00	24	1
10	16QAM	1	25	22.83	22.90	23.03	22.88	22.97		
10	16QAM	1	49	22.87	22.87	23.02	22.86	22.84		
10	16QAM	25	0	22.05	21.93	22.09	21.90	21.91	23	2
10	16QAM	25	12	21.80	21.88	21.99	21.99	21.95		
10	16QAM	25	25	21.85	21.90	22.02	21.98	21.79		
10	16QAM	50	0	21.93	21.88	22.09	22.09	21.97		
10	64QAM	1	0	21.99	22.01	21.89	21.98	22.00	23	2
10	64QAM	1	25	21.79	21.92	22.06	21.83	21.97		
10	64QAM	1	49	21.77	21.89	22.03	21.92	21.92		
10	64QAM	25	0	20.91	21.06	21.16	21.03	21.00	22	3
10	64QAM	25	12	20.79	21.03	21.11	20.93	20.84		
10	64QAM	25	25	20.84	20.93	20.89	20.98	20.92		
10	64QAM	50	0	21.11	20.89	21.03	21.05	20.90		
10	256QAM	1	0	18.93	19.00	19.14	19.03	18.95	20	5
10	256QAM	1	25	18.85	18.98	19.03	18.92	18.93		
10	256QAM	1	49	18.81	18.95	18.90	18.96	18.84		
10	256QAM	25	0	19.02	19.00	19.02	19.05	18.97	20	5
10	256QAM	25	12	18.92	18.98	18.95	19.05	19.02		
10	256QAM	25	25	18.85	18.97	18.95	18.91	18.90		
10	256QAM	50	0	18.84	18.87	19.02	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	23.96	24.06	23.95	23.94	25.00	0
5	QPSK	1	12	23.75	23.91	24.05	23.84	23.86		
5	QPSK	1	24	23.88	23.85	23.97	23.88	23.83		
5	QPSK	12	0	22.94	23.01	23.06	22.93	22.99	24	1
5	QPSK	12	7	22.76	22.92	23.02	22.93	22.91		
5	QPSK	12	13	22.82	22.95	22.95	22.84	22.85		
5	QPSK	25	0	23.05	22.94	22.99	22.97	22.95		
5	16QAM	1	0	23.04	23.03	22.91	22.94	23.01	24	1
5	16QAM	1	12	22.83	22.88	22.98	22.86	22.91		
5	16QAM	1	24	22.87	22.85	23.01	22.87	22.91		
5	16QAM	12	0	22.05	21.99	22.13	21.96	22.02	23	2
5	16QAM	12	7	21.75	21.95	21.93	21.92	21.86		
5	16QAM	12	13	21.84	21.87	22.02	21.97	21.82		
5	16QAM	25	0	21.99	21.95	22.03	22.06	21.94		
5	64QAM	1	0	21.93	22.07	21.95	22.05	22.05	23	2
5	64QAM	1	12	21.83	21.98	21.96	21.91	21.96		
5	64QAM	1	24	21.82	21.83	22.08	21.83	21.86		
5	64QAM	12	0	20.90	21.03	21.09	20.96	20.95	22	3
5	64QAM	12	7	20.85	20.92	21.06	20.99	20.86		
5	64QAM	12	13	20.83	20.89	20.96	20.97	20.93		
5	64QAM	25	0	21.09	20.93	21.07	21.06	20.89		
5	256QAM	1	0	19.00	19.03	19.15	18.95	18.97	20	5
5	256QAM	1	12	18.84	18.93	18.99	18.99	18.87		
5	256QAM	1	24	18.79	18.98	18.94	18.90	18.86		
5	256QAM	12	0	18.98	19.01	19.03	18.96	18.92	20	5
5	256QAM	12	7	18.94	19.02	18.98	18.94	19.07		
5	256QAM	12	13	18.87	18.95	18.96	18.92	18.96		
5	256QAM	25	0	18.83	18.87	19.06	18.96	18.85		

GSM1900 Ant4 DSI4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.99	30.10	30.08	31.50	20.99	21.10	21.08	22.50
GPRS 1 Tx slot	29.91	30.05	30.01	31.50	20.91	21.05	21.01	22.50
GPRS 2 Tx slots	26.92	27.04	27.02	28.50	20.92	21.04	21.02	22.50
GPRS 3 Tx slots	24.98	25.12	25.06	26.70	20.72	20.86	20.80	22.44
GPRS 4 Tx slots	23.87	23.92	23.89	25.50	20.87	20.92	20.89	22.50
EDGE 1 Tx slot	25.90	25.95	25.88	27.00	16.90	16.95	16.88	18.00
EDGE 2 Tx slots	22.68	22.71	22.64	24.00	16.68	16.71	16.64	18.00
EDGE 3 Tx slots	21.08	21.18	21.15	22.20	16.82	16.92	16.89	17.94
EDGE 4 Tx slots	19.28	19.33	19.32	21.00	16.28	16.33	16.32	18.00

WCDMA II Ant4 DSI4 / WCDMA IV Ant4 DSI4

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.98	24.01	24.03	25.00	24.00	24.01	24.01	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.15	24.13	25.00	24.05	24.11	24.03	25.00
3GPP Rel 6	HSDPA Subtest-1	23.02	23.20	23.15	24.00	22.95	23.12	23.14	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.18	23.13	24.00	23.09	23.12	23.16	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.59	22.65	23.50	22.44	22.57	22.62	23.50
3GPP Rel 6	HSDPA Subtest-4	22.53	22.64	22.62	23.50	22.56	22.65	22.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.10	23.10	24.00	23.05	23.03	23.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.08	23.12	23.09	24.00	23.09	23.05	23.12	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.54	22.63	22.66	23.50	22.54	22.61	22.58	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.68	22.68	23.50	22.58	22.60	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	23.08	23.11	23.11	24.00	23.05	23.09	23.10	24.00
3GPP Rel 6	HSUPA Subtest-2	21.01	21.11	21.14	22.00	20.95	21.13	21.15	22.00
3GPP Rel 6	HSUPA Subtest-3	22.06	22.13	22.10	23.00	22.04	22.13	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	21.00	21.14	21.08	22.00	20.98	21.11	21.05	22.00
3GPP Rel 6	HSUPA Subtest-5	23.00	23.18	23.14	24.00	22.95	23.22	23.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.51	20.65	20.61	21.50	20.41	20.68	20.53	21.50

Band 2 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.90	23.93	23.88	25	0
20	QPSK	1	49	23.76	23.90	23.81		
20	QPSK	1	99	23.78	23.89	23.79		
20	QPSK	50	0	22.96	22.97	22.86	24	1
20	QPSK	50	24	22.79	22.94	22.85		
20	QPSK	50	50	22.83	22.86	22.75		
20	QPSK	100	0	22.85	22.92	22.83		
20	16QAM	1	0	22.94	22.88	22.86	24	1
20	16QAM	1	49	22.79	22.91	22.77		
20	16QAM	1	99	22.83	22.87	22.79		
20	16QAM	50	0	21.94	22.02	21.82	23	2
20	16QAM	50	24	21.75	21.91	21.85		
20	16QAM	50	50	21.89	21.83	21.77		
20	16QAM	100	0	21.85	21.95	21.80		
20	64QAM	1	0	21.89	21.91	21.90	23	2
20	64QAM	1	49	21.74	21.92	21.77		
20	64QAM	1	99	21.84	21.83	21.75		
20	64QAM	50	0	20.92	20.93	20.83	22	3
20	64QAM	50	24	20.80	20.94	20.89		
20	64QAM	50	50	20.79	20.88	20.70		
20	64QAM	100	0	20.91	20.89	20.78		
20	256QAM	1	0	18.98	18.93	18.85	20	5
20	256QAM	1	49	18.78	18.89	18.84		
20	256QAM	1	99	18.88	18.87	18.78		
20	256QAM	50	0	18.81	18.90	18.88	20	5
20	256QAM	50	24	18.96	18.94	18.91		
20	256QAM	50	50	18.74	18.95	18.75		
20	256QAM	100	0	18.79	18.93	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.76	23.89	23.81	25	0
15	QPSK	1	37	23.72	23.87	23.68		
15	QPSK	1	74	23.72	23.76	23.76		
15	QPSK	36	0	22.94	22.87	22.77	24	1
15	QPSK	36	20	22.71	22.91	22.79		
15	QPSK	36	39	22.72	22.84	22.63		
15	QPSK	75	0	22.78	22.87	22.77		
15	16QAM	1	0	22.81	22.83	22.75	24	1
15	16QAM	1	37	22.67	22.85	22.71		
15	16QAM	1	74	22.71	22.74	22.72		
15	16QAM	36	0	21.87	21.91	21.70	23	2
15	16QAM	36	20	21.69	21.79	21.78		
15	16QAM	36	39	21.76	21.73	21.75		
15	16QAM	75	0	21.74	21.91	21.78		
15	64QAM	1	0	21.79	21.83	21.81	23	2
15	64QAM	1	37	21.66	21.81	21.64		
15	64QAM	1	74	21.78	21.77	21.62		
15	64QAM	36	0	20.88	20.90	20.81	22	3
15	64QAM	36	20	20.69	20.82	20.82		
15	64QAM	36	39	20.72	20.82	20.61		
15	64QAM	75	0	20.80	20.78	20.65		
15	256QAM	1	0	18.85	18.79	18.71	20	5
15	256QAM	1	37	18.72	18.87	18.78		
15	256QAM	1	74	18.85	18.84	18.73		
15	256QAM	36	0	18.72	18.85	18.76	20	5
15	256QAM	36	20	18.90	18.86	18.87		
15	256QAM	36	39	18.62	18.93	18.63		
15	256QAM	75	0	18.75	18.80	18.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.86	23.86	23.80	25	0
10	QPSK	1	25	23.72	23.87	23.79		
10	QPSK	1	49	23.68	23.80	23.65		
10	QPSK	25	0	22.90	22.85	22.72	24	1
10	QPSK	25	12	22.74	22.83	22.77		
10	QPSK	25	25	22.80	22.75	22.71		
10	QPSK	50	0	22.74	22.88	22.79		
10	16QAM	1	0	22.88	22.80	22.81	24	1
10	16QAM	1	25	22.74	22.83	22.65		
10	16QAM	1	49	22.78	22.75	22.69		
10	16QAM	25	0	21.80	21.94	21.70	23	2
10	16QAM	25	12	21.64	21.78	21.82		
10	16QAM	25	25	21.80	21.76	21.67		
10	16QAM	50	0	21.75	21.93	21.77		
10	64QAM	1	0	21.81	21.86	21.87	23	2
10	64QAM	1	25	21.62	21.85	21.74		
10	64QAM	1	49	21.73	21.79	21.66		
10	64QAM	25	0	20.86	20.81	20.75	22	3
10	64QAM	25	12	20.69	20.81	20.77		
10	64QAM	25	25	20.73	20.85	20.63		
10	64QAM	50	0	20.78	20.75	20.66		
10	256QAM	1	0	18.89	18.89	18.77	20	5
10	256QAM	1	25	18.75	18.80	18.75		
10	256QAM	1	49	18.79	18.76	18.68		
10	256QAM	25	0	18.68	18.85	18.84	20	5
10	256QAM	25	12	18.89	18.89	18.84		
10	256QAM	25	25	18.65	18.86	18.63		
10	256QAM	50	0	18.77	18.88	18.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.85	23.81	25	0
5	QPSK	1	12	23.69	23.84	23.71		
5	QPSK	1	24	23.73	23.81	23.74		
5	QPSK	12	0	22.87	22.85	22.82	24	1
5	QPSK	12	7	22.67	22.91	22.82		
5	QPSK	12	13	22.73	22.77	22.68		
5	QPSK	25	0	22.79	22.86	22.71		
5	16QAM	1	0	22.88	22.80	22.79	24	1
5	16QAM	1	12	22.69	22.86	22.68		
5	16QAM	1	24	22.76	22.81	22.67		
5	16QAM	12	0	21.88	21.99	21.70	23	2
5	16QAM	12	7	21.67	21.83	21.81		
5	16QAM	12	13	21.86	21.70	21.66		
5	16QAM	25	0	21.79	21.84	21.74		
5	64QAM	1	0	21.84	21.79	21.83	23	2
5	64QAM	1	12	21.70	21.82	21.72		
5	64QAM	1	24	21.75	21.79	21.67		
5	64QAM	12	0	20.84	20.83	20.73	22	3
5	64QAM	12	7	20.70	20.89	20.80		
5	64QAM	12	13	20.73	20.83	20.64		
5	64QAM	25	0	20.83	20.86	20.72		
5	256QAM	1	0	18.95	18.89	18.75	20	5
5	256QAM	1	12	18.65	18.82	18.71		
5	256QAM	1	24	18.81	18.77	18.71		
5	256QAM	12	0	18.69	18.81	18.79	20	5
5	256QAM	12	7	18.85	18.91	18.81		
5	256QAM	12	13	18.67	18.84	18.70		
5	256QAM	25	0	18.66	18.81	18.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.81	23.86	23.80	25	0
3	QPSK	1	8	23.66	23.87	23.76		
3	QPSK	1	14	23.76	23.82	23.65		
3	QPSK	8	0	22.84	22.88	22.78	24	1
3	QPSK	8	4	22.71	22.82	22.83		
3	QPSK	8	7	22.77	22.78	22.63		
3	QPSK	15	0	22.74	22.80	22.81		
3	16QAM	1	0	22.91	22.79	22.77	24	1
3	16QAM	1	8	22.72	22.88	22.71		
3	16QAM	1	14	22.70	22.83	22.69		
3	16QAM	8	0	21.84	21.92	21.78	23	2
3	16QAM	8	4	21.61	21.89	21.76		
3	16QAM	8	7	21.83	21.72	21.63		
3	16QAM	15	0	21.79	21.91	21.70		
3	64QAM	1	0	21.77	21.82	21.81	23	2
3	64QAM	1	8	21.64	21.87	21.66		
3	64QAM	1	14	21.75	21.77	21.72		
3	64QAM	8	0	20.88	20.88	20.81	22	3
3	64QAM	8	4	20.71	20.81	20.82		
3	64QAM	8	7	20.73	20.86	20.57		
3	64QAM	15	0	20.85	20.78	20.66		
3	256QAM	1	0	18.94	18.91	18.77	20	5
3	256QAM	1	8	18.69	18.80	18.73		
3	256QAM	1	14	18.76	18.73	18.65		
3	256QAM	8	0	18.67	18.80	18.81	20	5
3	256QAM	8	4	18.83	18.92	18.79		
3	256QAM	8	7	18.70	18.84	18.69		
3	256QAM	15	0	18.65	18.83	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.85	23.82	23.74	25	0
1.4	QPSK	1	3	23.67	23.83	23.72		
1.4	QPSK	1	5	23.75	23.78	23.69		
1.4	QPSK	3	0	23.81	23.72	23.72		
1.4	QPSK	3	1	23.58	23.78	23.69		
1.4	QPSK	3	3	23.62	23.70	23.63		
1.4	QPSK	6	0	22.78	22.88	22.70	24	1
1.4	16QAM	1	0	22.82	22.75	22.83	24	1
1.4	16QAM	1	3	22.77	22.85	22.72		
1.4	16QAM	1	5	22.70	22.77	22.74		
1.4	16QAM	3	0	22.72	22.78	22.62		
1.4	16QAM	3	1	22.73	22.69	22.72		
1.4	16QAM	3	3	22.69	22.81	22.70		
1.4	16QAM	6	0	21.72	21.84	21.73	23	2
1.4	64QAM	1	0	21.84	21.85	21.88	23	2
1.4	64QAM	1	3	21.61	21.86	21.68		
1.4	64QAM	1	5	21.70	21.73	21.64		
1.4	64QAM	3	0	21.62	21.74	21.68		
1.4	64QAM	3	1	21.70	21.79	21.74		
1.4	64QAM	3	3	21.54	21.80	21.61		
1.4	64QAM	6	0	20.83	20.78	20.76	22	3
1.4	256QAM	1	0	18.85	18.83	18.82	20	5
1.4	256QAM	1	3	18.75	18.84	18.80		
1.4	256QAM	1	5	18.75	18.76	18.71		
1.4	256QAM	3	0	18.73	18.80	18.75		
1.4	256QAM	3	1	18.86	18.81	18.83		
1.4	256QAM	3	3	18.71	18.84	18.71		
1.4	256QAM	6	0	18.66	18.89	18.64	20	5

Band 4 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.83	24.89	24.85	25.7	0
20	QPSK	1	49	24.79	24.84	24.81		
20	QPSK	1	99	24.70	24.80	24.79		
20	QPSK	50	0	23.80	23.91	23.88	24.7	1
20	QPSK	50	24	23.78	23.83	23.78		
20	QPSK	50	50	23.65	23.85	23.84		
20	QPSK	100	0	23.81	23.85	23.83		
20	16QAM	1	0	23.81	23.83	23.83	24.7	1
20	16QAM	1	49	23.76	23.86	23.83		
20	16QAM	1	99	23.71	23.77	23.84		
20	16QAM	50	0	22.76	22.90	22.83	23.7	2
20	16QAM	50	24	22.84	22.86	22.82		
20	16QAM	50	50	22.59	22.89	22.78		
20	16QAM	100	0	22.83	22.90	22.86		
20	64QAM	1	0	22.77	22.85	22.86	23.7	2
20	64QAM	1	49	22.77	22.89	22.81		
20	64QAM	1	99	22.65	22.73	22.83		
20	64QAM	50	0	21.77	21.90	21.84	22.7	3
20	64QAM	50	24	21.83	21.79	21.79		
20	64QAM	50	50	21.68	21.87	21.81		
20	64QAM	100	0	21.87	21.84	21.81		
20	256QAM	1	0	19.85	19.85	19.92	20.7	5
20	256QAM	1	49	19.76	19.83	19.77		
20	256QAM	1	99	19.61	19.80	19.89		
20	256QAM	50	0	19.84	19.81	19.85	20.7	5
20	256QAM	50	24	19.75	19.78	19.87		
20	256QAM	50	50	19.81	19.89	19.82		
20	256QAM	100	0	19.74	19.82	19.79		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.69	24.81	24.81	25.7	0
15	QPSK	1	37	24.65	24.77	24.71		
15	QPSK	1	74	24.67	24.69	24.66		
15	QPSK	36	0	23.69	23.79	23.84	24.7	1
15	QPSK	36	20	23.71	23.73	23.65		
15	QPSK	36	39	23.63	23.77	23.77		
15	QPSK	75	0	23.79	23.72	23.74		
15	16QAM	1	0	23.73	23.71	23.75	24.7	1
15	16QAM	1	37	23.74	23.81	23.80		
15	16QAM	1	74	23.65	23.68	23.78		
15	16QAM	36	0	22.72	22.87	22.79	23.7	2
15	16QAM	36	20	22.79	22.75	22.78		
15	16QAM	36	39	22.49	22.78	22.70		
15	16QAM	75	0	22.73	22.77	22.83		
15	64QAM	1	0	22.73	22.75	22.82	23.7	2
15	64QAM	1	37	22.66	22.81	22.74		
15	64QAM	1	74	22.57	22.66	22.71		
15	64QAM	36	0	21.68	21.83	21.73	22.7	3
15	64QAM	36	20	21.75	21.68	21.68		
15	64QAM	36	39	21.63	21.84	21.74		
15	64QAM	75	0	21.84	21.78	21.77		
15	256QAM	1	0	19.75	19.77	19.88	20.7	5
15	256QAM	1	37	19.74	19.78	19.72		
15	256QAM	1	74	19.50	19.71	19.87		
15	256QAM	36	0	19.74	19.75	19.76	20.7	5
15	256QAM	36	20	19.65	19.74	19.79		
15	256QAM	36	39	19.73	19.79	19.79		
15	256QAM	75	0	19.63	19.69	19.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.74	24.81	24.72	25.7	0
10	QPSK	1	25	24.75	24.71	24.70		
10	QPSK	1	49	24.58	24.67	24.68		
10	QPSK	25	0	23.68	23.87	23.76	24.7	1
10	QPSK	25	12	23.73	23.80	23.72		
10	QPSK	25	25	23.52	23.78	23.75		
10	QPSK	50	0	23.82	23.74	23.77		
10	16QAM	1	0	23.69	23.75	23.78	24.7	1
10	16QAM	1	25	23.71	23.77	23.71		
10	16QAM	1	49	23.59	23.66	23.75		
10	16QAM	25	0	22.66	22.84	22.72	23.7	2
10	16QAM	25	12	22.74	22.79	22.70		
10	16QAM	25	25	22.51	22.83	22.65		
10	16QAM	50	0	22.78	22.80	22.81		
10	64QAM	1	0	22.71	22.80	22.80	23.7	2
10	64QAM	1	25	22.63	22.79	22.70		
10	64QAM	1	49	22.60	22.62	22.74		
10	64QAM	25	0	21.74	21.86	21.72	22.7	3
10	64QAM	25	12	21.79	21.72	21.72		
10	64QAM	25	25	21.58	21.75	21.74		
10	64QAM	50	0	21.75	21.80	21.70		
10	256QAM	1	0	19.79	19.76	19.90	20.7	5
10	256QAM	1	25	19.69	19.71	19.71		
10	256QAM	1	49	19.51	19.77	19.80		
10	256QAM	25	0	19.72	19.73	19.78	20.7	5
10	256QAM	25	12	19.65	19.75	19.79		
10	256QAM	25	25	19.69	19.85	19.74		
10	256QAM	50	0	19.65	19.75	19.75		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.71	24.79	24.72	25.7	0
5	QPSK	1	12	24.72	24.78	24.71		
5	QPSK	1	24	24.68	24.75	24.75		
5	QPSK	12	0	23.66	23.82	23.78	24.7	1
5	QPSK	12	7	23.71	23.69	23.65		
5	QPSK	12	13	23.62	23.83	23.75		
5	QPSK	25	0	23.82	23.82	23.76		
5	16QAM	1	0	23.71	23.80	23.72	24.7	1
5	16QAM	1	12	23.62	23.80	23.72		
5	16QAM	1	24	23.59	23.71	23.75		
5	16QAM	12	0	22.71	22.80	22.74	23.7	2
5	16QAM	12	7	22.74	22.83	22.74		
5	16QAM	12	13	22.54	22.84	22.73		
5	16QAM	25	0	22.77	22.78	22.78		
5	64QAM	1	0	22.64	22.73	22.81	23.7	2
5	64QAM	1	12	22.67	22.86	22.73		
5	64QAM	1	24	22.59	22.62	22.78		
5	64QAM	12	0	21.69	21.86	21.72	22.7	3
5	64QAM	12	7	21.73	21.76	21.68		
5	64QAM	12	13	21.66	21.82	21.74		
5	64QAM	25	0	21.83	21.72	21.79		
5	256QAM	1	0	19.79	19.83	19.81	20.7	5
5	256QAM	1	12	19.67	19.75	19.72		
5	256QAM	1	24	19.55	19.74	19.78		
5	256QAM	12	0	19.79	19.69	19.77	20.7	5
5	256QAM	12	7	19.65	19.68	19.75		
5	256QAM	12	13	19.70	19.86	19.71		
5	256QAM	25	0	19.63	19.72	19.72		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.77	24.79	24.79	25.7	0
3	QPSK	1	8	24.73	24.73	24.76		
3	QPSK	1	14	24.59	24.73	24.77		
3	QPSK	8	0	23.67	23.88	23.86	24.7	1
3	QPSK	8	4	23.65	23.71	23.76		
3	QPSK	8	7	23.61	23.72	23.78		
3	QPSK	15	0	23.81	23.75	23.72		
3	16QAM	1	0	23.77	23.77	23.79	24.7	1
3	16QAM	1	8	23.66	23.77	23.74		
3	16QAM	1	14	23.64	23.73	23.74		
3	16QAM	8	0	22.69	22.78	22.72	23.7	2
3	16QAM	8	4	22.76	22.82	22.77		
3	16QAM	8	7	22.54	22.78	22.65		
3	16QAM	15	0	22.74	22.87	22.72		
3	64QAM	1	0	22.74	22.73	22.76	23.7	2
3	64QAM	1	8	22.71	22.77	22.69		
3	64QAM	1	14	22.55	22.65	22.74		
3	64QAM	8	0	21.73	21.85	21.77	22.7	3
3	64QAM	8	4	21.79	21.76	21.71		
3	64QAM	8	7	21.65	21.75	21.79		
3	64QAM	15	0	21.85	21.79	21.71		
3	256QAM	1	0	19.71	19.78	19.85	20.7	5
3	256QAM	1	8	19.73	19.75	19.63		
3	256QAM	1	14	19.56	19.74	19.75		
3	256QAM	8	0	19.81	19.73	19.81	20.7	5
3	256QAM	8	4	19.71	19.67	19.80		
3	256QAM	8	7	19.74	19.83	19.76		
3	256QAM	15	0	19.63	19.73	19.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.72	24.87	24.78	25.7	0
1.4	QPSK	1	3	24.67	24.79	24.71		
1.4	QPSK	1	5	24.59	24.72	24.74		
1.4	QPSK	3	0	24.67	24.73	24.74		
1.4	QPSK	3	1	24.56	24.73	24.59		
1.4	QPSK	3	3	24.54	24.59	24.70		
1.4	QPSK	6	0	23.76	23.76	23.80	24.7	1
1.4	16QAM	1	0	23.70	23.70	23.73	24.7	1
1.4	16QAM	1	3	23.73	23.83	23.75		
1.4	16QAM	1	5	23.58	23.74	23.74		
1.4	16QAM	3	0	23.71	23.65	23.75		
1.4	16QAM	3	1	23.57	23.63	23.70		
1.4	16QAM	3	3	23.67	23.73	23.71		
1.4	16QAM	6	0	22.73	22.77	22.75	23.7	2
1.4	64QAM	1	0	22.69	22.82	22.79	23.7	2
1.4	64QAM	1	3	22.68	22.82	22.67		
1.4	64QAM	1	5	22.56	22.68	22.79		
1.4	64QAM	3	0	22.67	22.65	22.68		
1.4	64QAM	3	1	22.56	22.70	22.70		
1.4	64QAM	3	3	22.62	22.78	22.58		
1.4	64QAM	6	0	21.78	21.76	21.73	22.7	3
1.4	256QAM	1	0	19.75	19.75	19.82	20.7	5
1.4	256QAM	1	3	19.64	19.74	19.64		
1.4	256QAM	1	5	19.57	19.67	19.80		
1.4	256QAM	3	0	19.72	19.75	19.80		
1.4	256QAM	3	1	19.61	19.67	19.82		
1.4	256QAM	3	3	19.78	19.76	19.68		
1.4	256QAM	6	0	19.64	19.69	19.66	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.99	25.03	24.95	25.7	0
20	QPSK	1	49	24.92	24.95	24.90		
20	QPSK	1	99	24.86	24.93	24.88		
20	QPSK	50	0	23.94	24.03	23.92	24.7	1
20	QPSK	50	24	23.91	23.92	23.92		
20	QPSK	50	50	23.85	23.88	23.92		
20	QPSK	100	0	23.93	23.99	23.91		
20	16QAM	1	0	23.98	23.97	23.94	24.7	1
20	16QAM	1	49	23.91	23.89	23.95		
20	16QAM	1	99	23.83	23.91	23.84		
20	16QAM	50	0	22.88	23.03	22.87	23.7	2
20	16QAM	50	24	22.86	22.92	22.87		
20	16QAM	50	50	22.88	22.85	22.91		
20	16QAM	100	0	22.91	23.03	22.89		
20	64QAM	1	0	23.03	22.96	22.89	23.7	2
20	64QAM	1	49	22.89	22.87	22.96		
20	64QAM	1	99	22.89	22.97	22.85		
20	64QAM	50	0	21.93	21.99	21.92	22.7	3
20	64QAM	50	24	21.89	21.94	21.95		
20	64QAM	50	50	21.87	21.94	21.92		
20	64QAM	100	0	21.88	22.03	21.96		
20	256QAM	1	0	19.98	19.98	19.91	20.7	5
20	256QAM	1	49	19.89	19.87	19.97		
20	256QAM	1	99	19.79	19.83	19.95		
20	256QAM	50	0	19.91	19.95	19.94	20.7	5
20	256QAM	50	24	20.02	19.97	19.95		
20	256QAM	50	50	19.89	19.85	19.93		
20	256QAM	100	0	19.86	19.94	19.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.91	24.99	24.86	25.7	0
15	QPSK	1	37	24.84	24.87	24.76		
15	QPSK	1	74	24.77	24.82	24.85		
15	QPSK	36	0	23.83	23.94	23.86	24.7	1
15	QPSK	36	20	23.89	23.82	23.79		
15	QPSK	36	39	23.80	23.83	23.79		
15	QPSK	75	0	23.91	23.86	23.80		
15	16QAM	1	0	23.93	23.91	23.86	24.7	1
15	16QAM	1	37	23.88	23.75	23.83		
15	16QAM	1	74	23.73	23.86	23.72		
15	16QAM	36	0	22.79	22.98	22.79	23.7	2
15	16QAM	36	20	22.83	22.79	22.79		
15	16QAM	36	39	22.79	22.76	22.88		
15	16QAM	75	0	22.78	22.93	22.75		
15	64QAM	1	0	22.90	22.92	22.85	23.7	2
15	64QAM	1	37	22.79	22.76	22.84		
15	64QAM	1	74	22.85	22.88	22.71		
15	64QAM	36	0	21.85	21.90	21.84	22.7	3
15	64QAM	36	20	21.80	21.91	21.83		
15	64QAM	36	39	21.78	21.89	21.86		
15	64QAM	75	0	21.80	21.97	21.90		
15	256QAM	1	0	19.85	19.87	19.77	20.7	5
15	256QAM	1	37	19.79	19.83	19.83		
15	256QAM	1	74	19.73	19.76	19.90		
15	256QAM	36	0	19.78	19.85	19.83	20.7	5
15	256QAM	36	20	20.00	19.89	19.90		
15	256QAM	36	39	19.82	19.75	19.87		
15	256QAM	75	0	19.84	19.90	19.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.86	24.92	24.93	25.7	0
10	QPSK	1	25	24.84	24.88	24.86		
10	QPSK	1	49	24.80	24.89	24.86		
10	QPSK	25	0	23.88	23.92	23.79	24.7	1
10	QPSK	25	12	23.82	23.86	23.86		
10	QPSK	25	25	23.75	23.76	23.84		
10	QPSK	50	0	23.82	23.97	23.88		
10	16QAM	1	0	23.94	23.87	23.89	24.7	1
10	16QAM	1	25	23.87	23.84	23.81		
10	16QAM	1	49	23.72	23.87	23.72		
10	16QAM	25	0	22.82	22.99	22.79	23.7	2
10	16QAM	25	12	22.83	22.78	22.77		
10	16QAM	25	25	22.76	22.74	22.88		
10	16QAM	50	0	22.80	22.99	22.86		
10	64QAM	1	0	22.98	22.89	22.85	23.7	2
10	64QAM	1	25	22.81	22.74	22.89		
10	64QAM	1	49	22.79	22.84	22.79		
10	64QAM	25	0	21.85	21.85	21.81	22.7	3
10	64QAM	25	12	21.86	21.83	21.91		
10	64QAM	25	25	21.75	21.92	21.83		
10	64QAM	50	0	21.79	21.91	21.85		
10	256QAM	1	0	19.92	19.86	19.87	20.7	5
10	256QAM	1	25	19.85	19.77	19.95		
10	256QAM	1	49	19.69	19.73	19.93		
10	256QAM	25	0	19.81	19.92	19.88	20.7	5
10	256QAM	25	12	19.98	19.91	19.85		
10	256QAM	25	25	19.76	19.78	19.80		
10	256QAM	50	0	19.78	19.87	19.77		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.96	24.96	24.88	25.7	0
5	QPSK	1	12	24.79	24.88	24.84		
5	QPSK	1	24	24.78	24.89	24.79		
5	QPSK	12	0	23.90	23.97	23.79	24.7	1
5	QPSK	12	7	23.79	23.78	23.85		
5	QPSK	12	13	23.82	23.82	23.83		
5	QPSK	25	0	23.84	23.91	23.88		
5	16QAM	1	0	23.92	23.90	23.84	24.7	1
5	16QAM	1	12	23.86	23.76	23.81		
5	16QAM	1	24	23.80	23.80	23.78		
5	16QAM	12	0	22.79	22.92	22.80	23.7	2
5	16QAM	12	7	22.84	22.84	22.78		
5	16QAM	12	13	22.81	22.81	22.88		
5	16QAM	25	0	22.88	22.90	22.77		
5	64QAM	1	0	22.98	22.91	22.76	23.7	2
5	64QAM	1	12	22.81	22.80	22.90		
5	64QAM	1	24	22.82	22.83	22.78		
5	64QAM	12	0	21.86	21.89	21.89	22.7	3
5	64QAM	12	7	21.86	21.90	21.87		
5	64QAM	12	13	21.79	21.88	21.81		
5	64QAM	25	0	21.86	21.98	21.92		
5	256QAM	1	0	19.89	19.91	19.84	20.7	5
5	256QAM	1	12	19.84	19.77	19.94		
5	256QAM	1	24	19.69	19.78	19.90		
5	256QAM	12	0	19.79	19.92	19.85	20.7	5
5	256QAM	12	7	19.89	19.89	19.84		
5	256QAM	12	13	19.76	19.76	19.80		
5	256QAM	25	0	19.73	19.87	19.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.95	24.02	23.93	25	0
20	QPSK	1	49	23.83	23.93	23.93		
20	QPSK	1	99	23.81	23.99	23.85		
20	QPSK	50	0	23.03	23.04	22.96	24	1
20	QPSK	50	24	22.88	23.01	22.95		
20	QPSK	50	50	22.91	22.95	22.83		
20	QPSK	100	0	22.91	22.96	22.92		
20	16QAM	1	0	22.96	23.01	22.97	24	1
20	16QAM	1	49	22.87	22.95	22.84		
20	16QAM	1	99	22.86	23.01	22.84		
20	16QAM	50	0	22.02	22.04	21.90	23	2
20	16QAM	50	24	21.79	22.05	21.88		
20	16QAM	50	50	21.91	21.86	21.91		
20	16QAM	100	0	21.88	21.98	21.89		
20	64QAM	1	0	22.03	21.94	21.99	23	2
20	64QAM	1	49	21.77	21.95	21.81		
20	64QAM	1	99	21.93	21.88	21.81		
20	64QAM	50	0	21.01	21.00	20.92	22	3
20	64QAM	50	24	20.84	20.99	20.98		
20	64QAM	50	50	20.85	20.93	20.77		
20	64QAM	100	0	21.04	21.03	20.92		
20	256QAM	1	0	19.04	19.04	18.92	20	5
20	256QAM	1	49	18.83	19.02	18.89		
20	256QAM	1	99	18.91	18.93	18.90		
20	256QAM	50	0	18.94	18.98	18.92	20	5
20	256QAM	50	24	19.06	19.04	18.99		
20	256QAM	50	50	18.82	19.01	18.88		
20	256QAM	100	0	18.89	19.03	18.85		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.92	23.95	23.89	25	0
15	QPSK	1	37	23.69	23.91	23.81		
15	QPSK	1	74	23.69	23.92	23.81		
15	QPSK	36	0	22.91	22.99	22.89	24	1
15	QPSK	36	20	22.84	22.94	22.91		
15	QPSK	36	39	22.89	22.82	22.79		
15	QPSK	75	0	22.89	22.88	22.88		
15	16QAM	1	0	22.89	22.87	22.86	24	1
15	16QAM	1	37	22.81	22.92	22.73		
15	16QAM	1	74	22.76	22.91	22.79		
15	16QAM	36	0	21.93	21.97	21.79	23	2
15	16QAM	36	20	21.75	21.95	21.81		
15	16QAM	36	39	21.80	21.82	21.85		
15	16QAM	75	0	21.77	21.88	21.87		
15	64QAM	1	0	21.96	21.84	21.88	23	2
15	64QAM	1	37	21.69	21.84	21.67		
15	64QAM	1	74	21.82	21.74	21.72		
15	64QAM	36	0	20.96	20.88	20.80	22	3
15	64QAM	36	20	20.78	20.86	20.88		
15	64QAM	36	39	20.75	20.87	20.70		
15	64QAM	75	0	21.02	20.94	20.79		
15	256QAM	1	0	18.95	19.00	18.82	20	5
15	256QAM	1	37	18.80	18.99	18.87		
15	256QAM	1	74	18.79	18.86	18.84		
15	256QAM	36	0	18.83	18.92	18.90	20	5
15	256QAM	36	20	18.92	18.97	18.93		
15	256QAM	36	39	18.78	18.89	18.84		
15	256QAM	75	0	18.76	18.93	18.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.92	23.99	23.87	25	0
10	QPSK	1	25	23.76	23.90	23.87		
10	QPSK	1	49	23.72	23.90	23.76		
10	QPSK	25	0	22.95	22.95	22.88	24	1
10	QPSK	25	12	22.75	22.89	22.89		
10	QPSK	25	25	22.83	22.87	22.70		
10	QPSK	50	0	22.92	22.83	22.85		
10	16QAM	1	0	22.91	22.88	22.85	24	1
10	16QAM	1	25	22.80	22.84	22.77		
10	16QAM	1	49	22.79	22.97	22.79		
10	16QAM	25	0	21.99	21.95	21.88	23	2
10	16QAM	25	12	21.65	21.93	21.79		
10	16QAM	25	25	21.77	21.73	21.84		
10	16QAM	50	0	21.84	21.94	21.82		
10	64QAM	1	0	21.91	21.91	21.94	23	2
10	64QAM	1	25	21.70	21.86	21.78		
10	64QAM	1	49	21.84	21.81	21.78		
10	64QAM	25	0	20.88	20.91	20.85	22	3
10	64QAM	25	12	20.79	20.89	20.93		
10	64QAM	25	25	20.75	20.86	20.69		
10	64QAM	50	0	20.96	20.97	20.83		
10	256QAM	1	0	19.01	18.98	18.87	20	5
10	256QAM	1	25	18.72	18.88	18.84		
10	256QAM	1	49	18.78	18.85	18.85		
10	256QAM	25	0	18.91	18.94	18.88	20	5
10	256QAM	25	12	19.00	18.95	18.96		
10	256QAM	25	25	18.77	18.99	18.85		
10	256QAM	50	0	18.87	18.92	18.71		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.89	23.95	23.88	25	0
5	QPSK	1	12	23.73	23.87	23.84		
5	QPSK	1	24	23.67	23.96	23.81		
5	QPSK	12	0	22.96	22.97	22.91	24	1
5	QPSK	12	7	22.78	22.97	22.83		
5	QPSK	12	13	22.81	22.86	22.74		
5	QPSK	25	0	22.89	22.91	22.83		
5	16QAM	1	0	22.88	22.92	22.87	24	1
5	16QAM	1	12	22.82	22.92	22.78		
5	16QAM	1	24	22.79	22.99	22.74		
5	16QAM	12	0	21.90	21.92	21.86	23	2
5	16QAM	12	7	21.71	21.95	21.75		
5	16QAM	12	13	21.88	21.79	21.81		
5	16QAM	25	0	21.81	21.94	21.80		
5	64QAM	1	0	21.91	21.90	21.94	23	2
5	64QAM	1	12	21.74	21.88	21.71		
5	64QAM	1	24	21.88	21.79	21.71		
5	64QAM	12	0	20.88	20.86	20.81	22	3
5	64QAM	12	7	20.79	20.86	20.87		
5	64QAM	12	13	20.78	20.80	20.74		
5	64QAM	25	0	20.97	20.93	20.85		
5	256QAM	1	0	18.96	19.01	18.81	20	5
5	256QAM	1	12	18.74	18.96	18.80		
5	256QAM	1	24	18.84	18.83	18.83		
5	256QAM	12	0	18.85	18.89	18.85	20	5
5	256QAM	12	7	18.92	18.93	18.89		
5	256QAM	12	13	18.75	18.94	18.78		
5	256QAM	25	0	18.80	18.98	18.75		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.90	23.89	23.81	25	0
3	QPSK	1	8	23.74	23.88	23.85		
3	QPSK	1	14	23.73	23.89	23.71		
3	QPSK	8	0	22.91	22.95	22.86	24	1
3	QPSK	8	4	22.84	22.93	22.82		
3	QPSK	8	7	22.89	22.92	22.70		
3	QPSK	15	0	22.85	22.85	22.84		
3	16QAM	1	0	22.85	22.90	22.88	24	1
3	16QAM	1	8	22.75	22.91	22.73		
3	16QAM	1	14	22.79	22.92	22.76		
3	16QAM	8	0	21.89	21.96	21.82	23	2
3	16QAM	8	4	21.70	21.97	21.74		
3	16QAM	8	7	21.77	21.81	21.78		
3	16QAM	15	0	21.82	21.87	21.77		
3	64QAM	1	0	21.93	21.84	21.93	23	2
3	64QAM	1	8	21.67	21.88	21.74		
3	64QAM	1	14	21.88	21.84	21.79		
3	64QAM	8	0	20.91	20.98	20.85	22	3
3	64QAM	8	4	20.71	20.96	20.90		
3	64QAM	8	7	20.72	20.79	20.72		
3	64QAM	15	0	20.94	20.96	20.80		
3	256QAM	1	0	18.91	18.98	18.80	20	5
3	256QAM	1	8	18.76	18.89	18.76		
3	256QAM	1	14	18.81	18.89	18.88		
3	256QAM	8	0	18.92	18.90	18.82	20	5
3	256QAM	8	4	18.94	18.91	18.90		
3	256QAM	8	7	18.72	18.90	18.78		
3	256QAM	15	0	18.79	18.98	18.78		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.90	23.95	23.85	25	0
1.4	QPSK	1	3	23.73	23.86	23.89		
1.4	QPSK	1	5	23.75	23.85	23.78		
1.4	QPSK	3	0	23.88	23.92	23.74		
1.4	QPSK	3	1	23.67	23.72	23.81		
1.4	QPSK	3	3	23.71	23.76	23.67		
1.4	QPSK	6	0	22.89	22.85	22.85	24	1
1.4	16QAM	1	0	22.89	22.88	22.87	24	1
1.4	16QAM	1	3	22.73	22.89	22.74		
1.4	16QAM	1	5	22.75	22.91	22.71		
1.4	16QAM	3	0	22.84	22.75	22.73		
1.4	16QAM	3	1	22.76	22.80	22.79		
1.4	16QAM	3	3	22.69	22.85	22.62		
1.4	16QAM	6	0	21.79	21.92	21.78	23	2
1.4	64QAM	1	0	21.90	21.90	21.95	23	2
1.4	64QAM	1	3	21.74	21.85	21.76		
1.4	64QAM	1	5	21.88	21.81	21.69		
1.4	64QAM	3	0	21.72	21.85	21.64		
1.4	64QAM	3	1	21.85	21.77	21.91		
1.4	64QAM	3	3	21.72	21.80	21.69		
1.4	64QAM	6	0	20.99	20.95	20.89	22	3
1.4	256QAM	1	0	19.00	18.91	18.89	20	5
1.4	256QAM	1	3	18.81	18.90	18.79		
1.4	256QAM	1	5	18.89	18.89	18.86		
1.4	256QAM	3	0	18.85	18.87	18.82		
1.4	256QAM	3	1	18.93	18.90	18.96		
1.4	256QAM	3	3	18.73	18.89	18.85		
1.4	256QAM	6	0	18.76	18.91	18.79	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.92	23.95	23.87	25	0
20	QPSK	1	49	23.86	23.88	23.84		
20	QPSK	1	99	23.84	23.86	23.78		
20	QPSK	50	0	22.88	22.96	22.82	24	1
20	QPSK	50	24	22.84	22.85	22.87		
20	QPSK	50	50	22.83	22.88	22.76		
20	QPSK	100	0	22.87	22.90	22.82		
20	16QAM	1	0	22.89	22.89	22.84	24	1
20	16QAM	1	49	22.84	22.94	22.89		
20	16QAM	1	99	22.87	22.90	22.81		
20	16QAM	50	0	21.84	21.95	21.80	23	2
20	16QAM	50	24	21.79	21.91	21.84		
20	16QAM	50	50	21.86	21.82	21.80		
20	16QAM	100	0	21.91	21.95	21.93		
20	64QAM	1	0	21.93	21.90	21.87	23	2
20	64QAM	1	49	21.86	21.93	21.85		
20	64QAM	1	99	21.87	21.93	21.78		
20	64QAM	50	0	20.88	20.99	20.82	22	3
20	64QAM	50	24	20.85	20.81	20.92		
20	64QAM	50	50	20.88	20.88	20.80		
20	64QAM	100	0	20.89	20.96	20.92		
20	256QAM	1	0	18.88	18.92	18.76	20	5
20	256QAM	1	49	18.79	18.90	18.85		
20	256QAM	1	99	18.86	18.86	18.74		
20	256QAM	50	0	18.95	18.87	18.87	20	5
20	256QAM	50	24	18.94	18.90	18.85		
20	256QAM	50	50	18.84	18.91	18.93		
20	256QAM	100	0	18.90	18.92	18.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	23.91	23.85	25	0
15	QPSK	1	37	23.74	23.86	23.82		
15	QPSK	1	74	23.71	23.82	23.74		
15	QPSK	36	0	22.85	22.92	22.79	24	1
15	QPSK	36	20	22.70	22.73	22.77		
15	QPSK	36	39	22.72	22.75	22.67		
15	QPSK	75	0	22.78	22.86	22.84		
15	16QAM	1	0	22.85	22.78	22.80	24	1
15	16QAM	1	37	22.81	22.90	22.80		
15	16QAM	1	74	22.78	22.88	22.78		
15	16QAM	36	0	21.74	21.88	21.74	23	2
15	16QAM	36	20	21.68	21.88	21.72		
15	16QAM	36	39	21.80	21.78	21.69		
15	16QAM	75	0	21.87	21.89	21.81		
15	64QAM	1	0	21.80	21.79	21.82	23	2
15	64QAM	1	37	21.83	21.79	21.74		
15	64QAM	1	74	21.83	21.89	21.69		
15	64QAM	36	0	20.79	20.89	20.76	22	3
15	64QAM	36	20	20.75	20.67	20.84		
15	64QAM	36	39	20.84	20.79	20.69		
15	64QAM	75	0	20.86	20.85	20.80		
15	256QAM	1	0	18.77	18.88	18.65	20	5
15	256QAM	1	37	18.73	18.85	18.79		
15	256QAM	1	74	18.79	18.80	18.69		
15	256QAM	36	0	18.84	18.79	18.75	20	5
15	256QAM	36	20	18.91	18.85	18.80		
15	256QAM	36	39	18.78	18.80	18.88		
15	256QAM	75	0	18.86	18.81	18.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.88	23.82	23.84	25	0
10	QPSK	1	25	23.74	23.75	23.72		
10	QPSK	1	49	23.76	23.78	23.72		
10	QPSK	25	0	22.78	22.85	22.69	24	1
10	QPSK	25	12	22.76	22.71	22.76		
10	QPSK	25	25	22.80	22.83	22.66		
10	QPSK	50	0	22.81	22.76	22.84		
10	16QAM	1	0	22.78	22.86	22.77	24	1
10	16QAM	1	25	22.78	22.88	22.80		
10	16QAM	1	49	22.83	22.81	22.68		
10	16QAM	25	0	21.74	21.86	21.67	23	2
10	16QAM	25	12	21.69	21.85	21.80		
10	16QAM	25	25	21.75	21.77	21.70		
10	16QAM	50	0	21.84	21.86	21.91		
10	64QAM	1	0	21.90	21.78	21.82	23	2
10	64QAM	1	25	21.72	21.89	21.83		
10	64QAM	1	49	21.83	21.90	21.66		
10	64QAM	25	0	20.77	20.95	20.79	22	3
10	64QAM	25	12	20.78	20.71	20.79		
10	64QAM	25	25	20.79	20.83	20.67		
10	64QAM	50	0	20.78	20.88	20.86		
10	256QAM	1	0	18.77	18.81	18.73	20	5
10	256QAM	1	25	18.67	18.77	18.83		
10	256QAM	1	49	18.78	18.83	18.61		
10	256QAM	25	0	18.89	18.74	18.74	20	5
10	256QAM	25	12	18.84	18.81	18.73		
10	256QAM	25	25	18.79	18.79	18.81		
10	256QAM	50	0	18.87	18.86	18.67		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.85	23.89	23.78	25	0
5	QPSK	1	12	23.80	23.78	23.74		
5	QPSK	1	24	23.80	23.83	23.69		
5	QPSK	12	0	22.75	22.86	22.77	24	1
5	QPSK	12	7	22.78	22.74	22.73		
5	QPSK	12	13	22.80	22.79	22.65		
5	QPSK	25	0	22.83	22.86	22.84		
5	16QAM	1	0	22.83	22.80	22.74	24	1
5	16QAM	1	12	22.74	22.85	22.83		
5	16QAM	1	24	22.77	22.86	22.72		
5	16QAM	12	0	21.81	21.86	21.69	23	2
5	16QAM	12	7	21.70	21.83	21.76		
5	16QAM	12	13	21.75	21.71	21.72		
5	16QAM	25	0	21.88	21.91	21.88		
5	64QAM	1	0	21.91	21.83	21.79	23	2
5	64QAM	1	12	21.83	21.89	21.76		
5	64QAM	1	24	21.81	21.90	21.72		
5	64QAM	12	0	20.80	20.90	20.76	22	3
5	64QAM	12	7	20.79	20.77	20.86		
5	64QAM	12	13	20.85	20.84	20.71		
5	64QAM	25	0	20.84	20.92	20.84		
5	256QAM	1	0	18.82	18.80	18.71	20	5
5	256QAM	1	12	18.71	18.78	18.75		
5	256QAM	1	24	18.80	18.82	18.69		
5	256QAM	12	0	18.82	18.77	18.77	20	5
5	256QAM	12	7	18.84	18.86	18.72		
5	256QAM	12	13	18.73	18.77	18.89		
5	256QAM	25	0	18.78	18.80	18.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.83	23.92	23.84	25	0
3	QPSK	1	8	23.73	23.76	23.80		
3	QPSK	1	14	23.75	23.82	23.75		
3	QPSK	8	0	22.84	22.88	22.78	24	1
3	QPSK	8	4	22.80	22.80	22.73		
3	QPSK	8	7	22.79	22.82	22.68		
3	QPSK	15	0	22.82	22.81	22.88		
3	16QAM	1	0	22.77	22.83	22.75	24	1
3	16QAM	1	8	22.72	22.89	22.81		
3	16QAM	1	14	22.76	22.85	22.77		
3	16QAM	8	0	21.71	21.84	21.76	23	2
3	16QAM	8	4	21.75	21.86	21.78		
3	16QAM	8	7	21.76	21.79	21.72		
3	16QAM	15	0	21.85	21.93	21.86		
3	64QAM	1	0	21.87	21.86	21.80	23	2
3	64QAM	1	8	21.81	21.83	21.72		
3	64QAM	1	14	21.80	21.80	21.66		
3	64QAM	8	0	20.79	20.87	20.79	22	3
3	64QAM	8	4	20.74	20.78	20.79		
3	64QAM	8	7	20.75	20.76	20.68		
3	64QAM	15	0	20.79	20.85	20.90		
3	256QAM	1	0	18.79	18.81	18.64	20	5
3	256QAM	1	8	18.65	18.82	18.73		
3	256QAM	1	14	18.80	18.82	18.70		
3	256QAM	8	0	18.86	18.80	18.74	20	5
3	256QAM	8	4	18.85	18.76	18.73		
3	256QAM	8	7	18.75	18.84	18.82		
3	256QAM	15	0	18.82	18.87	18.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.78	23.91	23.83	25	0
1.4	QPSK	1	3	23.79	23.83	23.77		
1.4	QPSK	1	5	23.76	23.79	23.66		
1.4	QPSK	3	0	23.72	23.82	23.80		
1.4	QPSK	3	1	23.68	23.75	23.69		
1.4	QPSK	3	3	23.68	23.69	23.55		
1.4	QPSK	6	0	22.89	22.77	22.83	24	1
1.4	16QAM	1	0	22.80	22.76	22.81	24	1
1.4	16QAM	1	3	22.80	22.89	22.83		
1.4	16QAM	1	5	22.84	22.77	22.68		
1.4	16QAM	3	0	22.76	22.73	22.75		
1.4	16QAM	3	1	22.69	22.74	22.75		
1.4	16QAM	3	3	22.68	22.86	22.74		
1.4	16QAM	6	0	21.86	21.85	21.85	23	2
1.4	64QAM	1	0	21.81	21.81	21.78	23	2
1.4	64QAM	1	3	21.82	21.83	21.79		
1.4	64QAM	1	5	21.79	21.81	21.72		
1.4	64QAM	3	0	21.72	21.74	21.74		
1.4	64QAM	3	1	21.78	21.74	21.75		
1.4	64QAM	3	3	21.80	21.80	21.67		
1.4	64QAM	6	0	20.83	20.93	20.83	22	3
1.4	256QAM	1	0	18.74	18.80	18.68	20	5
1.4	256QAM	1	3	18.71	18.79	18.81		
1.4	256QAM	1	5	18.77	18.78	18.70		
1.4	256QAM	3	0	18.90	18.82	18.81		
1.4	256QAM	3	1	18.87	18.81	18.71		
1.4	256QAM	3	3	18.77	18.85	18.80		
1.4	256QAM	6	0	18.81	18.83	18.72	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.08	25.11	25.05	25.7	0
20	QPSK	1	49	25.05	25.04	24.97		
20	QPSK	1	99	24.98	24.98	25.02		
20	QPSK	50	0	24.04	24.13	24.05	24.7	1
20	QPSK	50	24	24.09	24.09	23.96		
20	QPSK	50	50	24.01	23.95	24.03		
20	QPSK	100	0	24.08	24.09	24.01		
20	16QAM	1	0	24.08	24.05	24.08	24.7	1
20	16QAM	1	49	24.03	24.07	24.00		
20	16QAM	1	99	23.92	24.00	24.00		
20	16QAM	50	0	23.09	23.14	23.00	23.7	2
20	16QAM	50	24	23.13	23.04	22.99		
20	16QAM	50	50	23.00	22.92	23.02		
20	16QAM	100	0	23.03	23.03	23.00		
20	64QAM	1	0	23.08	23.05	23.03	23.7	2
20	64QAM	1	49	23.02	23.06	22.95		
20	64QAM	1	99	22.89	22.99	23.05		
20	64QAM	50	0	22.06	22.14	22.09	22.7	3
20	64QAM	50	24	22.04	22.15	22.00		
20	64QAM	50	50	21.95	22.00	22.01		
20	64QAM	100	0	22.13	22.06	22.06		
20	256QAM	1	0	20.09	20.08	20.11	20.7	5
20	256QAM	1	49	20.13	20.12	19.93		
20	256QAM	1	99	20.03	19.98	20.02		
20	256QAM	50	0	20.10	20.09	20.04	20.7	5
20	256QAM	50	24	20.09	20.11	20.10		
20	256QAM	50	50	19.98	20.08	19.96		
20	256QAM	100	0	19.89	20.00	20.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.04	25.08	24.96	25.7	0
15	QPSK	1	37	24.94	25.01	24.88		
15	QPSK	1	74	24.88	24.88	24.94		
15	QPSK	36	0	23.98	24.06	24.02	24.7	1
15	QPSK	36	20	24.01	24.01	23.89		
15	QPSK	36	39	23.94	23.83	23.94		
15	QPSK	75	0	24.01	24.05	23.90		
15	16QAM	1	0	24.01	23.93	23.94	24.7	1
15	16QAM	1	37	23.97	23.96	23.98		
15	16QAM	1	74	23.86	23.94	23.97		
15	16QAM	36	0	23.04	23.00	22.96	23.7	2
15	16QAM	36	20	23.09	23.01	22.89		
15	16QAM	36	39	22.92	22.82	22.93		
15	16QAM	75	0	22.93	22.91	22.95		
15	64QAM	1	0	23.00	22.95	22.91	23.7	2
15	64QAM	1	37	22.95	22.98	22.89		
15	64QAM	1	74	22.77	22.87	22.96		
15	64QAM	36	0	21.99	22.07	21.98	22.7	3
15	64QAM	36	20	22.01	22.03	21.91		
15	64QAM	36	39	21.89	21.98	21.93		
15	64QAM	75	0	22.09	21.97	22.02		
15	256QAM	1	0	20.02	19.99	20.00	20.7	5
15	256QAM	1	37	20.09	19.99	19.80		
15	256QAM	1	74	19.99	19.92	19.98		
15	256QAM	36	0	20.04	19.96	19.91	20.7	5
15	256QAM	36	20	19.99	20.02	19.97		
15	256QAM	36	39	19.93	20.05	19.88		
15	256QAM	75	0	19.78	19.89	19.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.05	25.09	24.96	25.7	0
10	QPSK	1	25	25.02	24.92	24.87		
10	QPSK	1	49	24.86	24.95	24.96		
10	QPSK	25	0	23.93	24.01	23.94	24.7	1
10	QPSK	25	12	23.99	23.96	23.85		
10	QPSK	25	25	23.94	23.85	23.99		
10	QPSK	50	0	23.99	24.03	23.98		
10	16QAM	1	0	23.96	23.91	24.01	24.7	1
10	16QAM	1	25	24.01	24.00	23.94		
10	16QAM	1	49	23.88	23.92	23.88		
10	16QAM	25	0	23.07	23.04	22.89	23.7	2
10	16QAM	25	12	23.05	22.94	22.93		
10	16QAM	25	25	22.89	22.86	22.99		
10	16QAM	50	0	22.92	23.00	22.95		
10	64QAM	1	0	22.98	22.94	22.94	23.7	2
10	64QAM	1	25	22.95	22.96	22.89		
10	64QAM	1	49	22.81	22.89	22.98		
10	64QAM	25	0	22.03	22.07	22.01	22.7	3
10	64QAM	25	12	22.02	22.11	21.90		
10	64QAM	25	25	21.87	21.92	21.92		
10	64QAM	50	0	22.07	22.02	22.01		
10	256QAM	1	0	20.04	20.06	20.07	20.7	5
10	256QAM	1	25	20.08	20.07	19.91		
10	256QAM	1	49	19.89	19.85	19.96		
10	256QAM	25	0	19.96	20.02	20.00	20.7	5
10	256QAM	25	12	20.03	20.05	20.07		
10	256QAM	25	25	19.94	19.94	19.92		
10	256QAM	50	0	19.84	19.91	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.02	25.03	25.00	25.7	0
5	QPSK	1	12	25.02	24.94	24.93		
5	QPSK	1	24	24.91	24.91	24.92		
5	QPSK	12	0	24.01	24.00	23.99	24.7	1
5	QPSK	12	7	24.06	24.04	23.91		
5	QPSK	12	13	23.94	23.81	24.01		
5	QPSK	25	0	23.99	23.96	23.92		
5	16QAM	1	0	24.05	23.94	23.95	24.7	1
5	16QAM	1	12	24.00	23.98	23.92		
5	16QAM	1	24	23.84	23.97	23.91		
5	16QAM	12	0	23.01	23.04	22.95	23.7	2
5	16QAM	12	7	23.03	22.99	22.94		
5	16QAM	12	13	22.96	22.86	22.97		
5	16QAM	25	0	22.97	23.00	22.92		
5	64QAM	1	0	22.97	23.02	22.97	23.7	2
5	64QAM	1	12	22.95	22.95	22.84		
5	64QAM	1	24	22.76	22.91	22.94		
5	64QAM	12	0	22.01	22.03	22.02	22.7	3
5	64QAM	12	7	21.98	22.03	21.89		
5	64QAM	12	13	21.90	21.97	21.92		
5	64QAM	25	0	22.11	21.93	21.92		
5	256QAM	1	0	20.02	19.94	19.97	20.7	5
5	256QAM	1	12	20.02	20.09	19.89		
5	256QAM	1	24	19.96	19.85	19.97		
5	256QAM	12	0	19.97	19.97	19.92	20.7	5
5	256QAM	12	7	19.95	20.02	20.02		
5	256QAM	12	13	19.94	20.00	19.90		
5	256QAM	25	0	19.85	19.95	19.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.05	25.14	25.10	25.08	25.7	0
20	QPSK	1	49	25.06	24.93	25.11	25.04	25.00		
20	QPSK	1	99	25.05	24.95	25.08	24.98	25.06		
20	QPSK	50	0	24.08	24.02	24.16	24.07	24.09	24.7	1
20	QPSK	50	24	24.00	23.96	24.11	24.08	23.97		
20	QPSK	50	50	24.06	23.97	24.05	24.00	24.04		
20	QPSK	100	0	24.07	24.04	24.11	24.09	24.10		
20	16QAM	1	0	24.11	24.04	24.09	24.11	24.06	24.7	1
20	16QAM	1	49	24.04	23.95	24.09	24.10	24.04		
20	16QAM	1	99	24.10	23.92	24.13	23.96	24.00		
20	16QAM	50	0	23.12	22.99	23.21	23.10	23.04	23.7	2
20	16QAM	50	24	23.04	23.00	23.13	23.06	22.99		
20	16QAM	50	50	23.11	22.94	23.09	22.94	23.02		
20	16QAM	100	0	23.06	23.08	23.05	23.06	23.14		
20	64QAM	1	0	23.06	23.07	23.13	23.16	23.10	23.7	2
20	64QAM	1	49	23.08	22.91	23.10	23.15	23.00		
20	64QAM	1	99	23.11	22.90	23.09	23.00	22.98		
20	64QAM	50	0	22.07	22.07	22.18	22.08	22.10	22.7	3
20	64QAM	50	24	22.03	21.96	22.08	22.12	21.99		
20	64QAM	50	50	22.12	21.98	22.03	21.95	22.08		
20	64QAM	100	0	22.07	22.05	22.08	22.07	22.17		
20	256QAM	1	0	20.05	20.07	20.13	20.12	20.03	20.7	5
20	256QAM	1	49	19.94	19.97	20.08	20.10	19.93		
20	256QAM	1	99	20.10	19.99	20.01	20.01	20.05		
20	256QAM	50	0	20.10	20.07	20.15	20.13	20.16	20.7	5
20	256QAM	50	24	20.05	20.07	20.12	20.06	20.05		
20	256QAM	50	50	20.06	19.98	20.11	20.11	20.05		
20	256QAM	100	0	20.13	19.95	20.07	19.96	20.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.01	24.91	25.08	24.99	25.03	25.70	0
15	QPSK	1	37	24.94	24.81	24.98	24.96	24.87		
15	QPSK	1	74	24.95	24.85	25.03	24.96	24.99		
15	QPSK	36	0	24.02	23.91	24.14	24.01	23.97	24.7	1
15	QPSK	36	20	23.91	23.83	24.01	23.98	23.88		
15	QPSK	36	39	23.97	23.92	23.96	23.90	23.96		
15	QPSK	75	0	24.03	23.97	23.98	24.03	24.05		
15	16QAM	1	0	24.02	23.99	23.96	24.00	23.96	24.7	1
15	16QAM	1	37	23.96	23.85	23.97	24.04	24.01		
15	16QAM	1	74	23.96	23.80	24.03	23.91	23.94		
15	16QAM	36	0	22.98	22.95	23.16	23.01	22.99	23.7	2
15	16QAM	36	20	22.98	22.92	23.11	22.97	22.94		
15	16QAM	36	39	23.03	22.83	22.96	22.81	22.88		
15	16QAM	75	0	23.00	23.05	22.97	22.99	23.09		
15	64QAM	1	0	23.03	23.05	23.06	23.10	23.03	23.7	2
15	64QAM	1	37	22.98	22.78	23.08	23.08	22.95		
15	64QAM	1	74	23.03	22.87	22.98	22.98	22.92		
15	64QAM	36	0	21.94	21.97	22.09	22.04	22.02	22.7	3
15	64QAM	36	20	21.91	21.86	22.00	22.01	21.92		
15	64QAM	36	39	22.09	21.86	21.90	21.84	22.05		
15	64QAM	75	0	22.01	21.94	22.00	21.98	22.08		
15	256QAM	1	0	19.96	19.99	20.10	20.01	19.92	20.7	5
15	256QAM	1	37	19.84	19.85	20.00	20.08	19.79		
15	256QAM	1	74	20.07	19.93	19.98	19.88	20.02		
15	256QAM	36	0	20.05	20.02	20.08	20.03	20.03	20.7	5
15	256QAM	36	20	19.98	19.98	20.00	20.02	19.91		
15	256QAM	36	39	20.03	19.90	19.98	19.99	19.97		
15	256QAM	75	0	20.03	19.91	19.94	19.89	19.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	25.02	25.12	25.03	24.94	25.70	0
10	QPSK	1	25	24.96	24.90	24.98	24.93	24.94		
10	QPSK	1	49	24.98	24.91	24.99	24.86	24.98		
10	QPSK	25	0	24.05	23.97	24.12	23.94	24.05	24.7	1
10	QPSK	25	12	23.87	23.85	24.04	23.98	23.86		
10	QPSK	25	25	23.99	23.87	23.91	23.93	23.94		
10	QPSK	50	0	23.98	24.01	24.09	23.96	24.02		
10	16QAM	1	0	24.08	23.92	23.98	24.01	23.96	24.7	1
10	16QAM	1	25	24.02	23.88	24.01	24.03	23.90		
10	16QAM	1	49	23.97	23.89	24.04	23.85	23.87		
10	16QAM	25	0	22.99	22.93	23.14	23.00	22.96	23.7	2
10	16QAM	25	12	22.95	22.93	23.07	23.00	22.94		
10	16QAM	25	25	23.06	22.81	23.02	22.84	22.90		
10	16QAM	50	0	22.98	23.04	23.02	22.94	23.06		
10	64QAM	1	0	23.02	23.00	23.10	23.03	23.05	23.7	2
10	64QAM	1	25	22.97	22.78	22.96	23.04	22.93		
10	64QAM	1	49	23.05	22.84	22.99	22.92	22.94		
10	64QAM	25	0	22.01	21.99	22.07	21.95	21.96	22.7	3
10	64QAM	25	12	21.91	21.89	21.98	22.08	21.95		
10	64QAM	25	25	21.99	21.89	21.97	21.87	22.06		
10	64QAM	50	0	22.01	21.95	22.01	22.04	22.12		
10	256QAM	1	0	19.91	20.00	20.05	20.02	19.89	20.7	5
10	256QAM	1	25	19.92	19.89	20.03	20.06	19.89		
10	256QAM	1	49	20.07	19.97	19.93	19.91	20.02		
10	256QAM	25	0	20.04	20.02	20.02	20.10	20.08	20.7	5
10	256QAM	25	12	19.97	19.93	20.05	20.00	19.93		
10	256QAM	25	25	20.01	19.93	20.09	20.00	19.92		
10	256QAM	50	0	20.02	19.84	19.99	19.88	19.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.07	24.98	25.05	24.97	25.00	25.70	0
5	QPSK	1	12	24.99	24.79	25.05	24.94	24.89		
5	QPSK	1	24	24.96	24.89	25.01	24.86	25.00		
5	QPSK	12	0	23.95	23.98	24.07	24.04	24.04	24.7	1
5	QPSK	12	7	23.88	23.85	24.02	24.01	23.92		
5	QPSK	12	13	24.01	23.93	23.98	23.96	23.92		
5	QPSK	25	0	24.01	23.92	23.97	24.03	24.10		
5	16QAM	1	0	24.05	23.91	24.06	24.05	23.99	24.7	1
5	16QAM	1	12	23.95	23.85	23.99	24.01	23.99		
5	16QAM	1	24	24.03	23.89	24.04	23.84	23.92		
5	16QAM	12	0	23.04	22.88	23.09	22.98	22.96	23.7	2
5	16QAM	12	7	23.01	22.89	23.00	22.95	22.97		
5	16QAM	12	13	23.09	22.89	23.00	22.85	22.98		
5	16QAM	25	0	22.97	22.99	23.00	22.96	23.11		
5	64QAM	1	0	22.96	22.93	23.02	23.03	22.98	23.7	2
5	64QAM	1	12	22.96	22.83	23.01	23.07	22.89		
5	64QAM	1	24	23.08	22.82	23.04	22.87	22.94		
5	64QAM	12	0	21.96	22.01	22.05	22.01	22.01	22.7	3
5	64QAM	12	7	21.91	21.92	21.96	22.04	21.91		
5	64QAM	12	13	22.09	21.94	21.98	21.90	22.01		
5	64QAM	25	0	21.94	21.97	22.01	21.94	22.13		
5	256QAM	1	0	19.98	19.94	20.00	20.02	19.92	20.7	5
5	256QAM	1	12	19.91	19.92	20.02	20.00	19.83		
5	256QAM	1	24	20.03	19.94	19.88	19.88	19.93		
5	256QAM	12	0	19.99	20.00	20.11	20.01	20.05	20.7	5
5	256QAM	12	7	20.01	20.03	20.03	20.02	19.95		
5	256QAM	12	13	19.94	19.87	20.00	20.01	19.97		
5	256QAM	25	0	20.05	19.87	20.04	19.90	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.89	24.92	24.85	25.7	0
20	QPSK	1	49	24.83	24.89	24.80		
20	QPSK	1	99	24.81	24.86	24.83		
20	QPSK	50	0	23.83	23.90	23.88	24.7	1
20	QPSK	50	24	23.83	23.87	23.78		
20	QPSK	50	50	23.78	23.86	23.88		
20	QPSK	100	0	23.81	23.89	23.81		
20	16QAM	1	0	23.91	23.88	23.84	24.7	1
20	16QAM	1	49	23.83	23.85	23.78		
20	16QAM	1	99	23.83	23.91	23.81		
20	16QAM	50	0	22.78	22.88	22.84	23.7	2
20	16QAM	50	24	22.87	22.92	22.74		
20	16QAM	50	50	22.82	22.86	22.88		
20	16QAM	100	0	22.96	22.88	22.81		
20	64QAM	1	0	22.97	22.83	22.80	23.7	2
20	64QAM	1	49	22.88	22.89	22.74		
20	64QAM	1	99	22.78	22.97	22.84		
20	64QAM	50	0	21.86	21.91	21.83	22.7	3
20	64QAM	50	24	21.84	21.82	21.76		
20	64QAM	50	50	21.74	21.87	21.92		
20	64QAM	100	0	21.91	21.93	21.83		
20	256QAM	1	0	19.82	19.91	19.85	20.7	5
20	256QAM	1	49	19.80	19.92	19.77		
20	256QAM	1	99	19.75	19.91	19.94		
20	256QAM	50	0	19.93	19.83	19.82	20.7	5
20	256QAM	50	24	19.90	19.90	19.83		
20	256QAM	50	50	19.82	19.83	19.73		
20	256QAM	100	0	19.79	19.97	19.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.84	24.82	24.82	25.7	0
15	QPSK	1	37	24.75	24.78	24.75		
15	QPSK	1	74	24.72	24.74	24.77		
15	QPSK	36	0	23.75	23.81	23.84	24.7	1
15	QPSK	36	20	23.76	23.84	23.73		
15	QPSK	36	39	23.65	23.74	23.79		
15	QPSK	75	0	23.90	23.78	23.71		
15	16QAM	1	0	23.88	23.80	23.81	24.7	1
15	16QAM	1	37	23.79	23.79	23.69		
15	16QAM	1	74	23.70	23.80	23.77		
15	16QAM	36	0	22.75	22.83	22.76	23.7	2
15	16QAM	36	20	22.80	22.83	22.60		
15	16QAM	36	39	22.79	22.73	22.76		
15	16QAM	75	0	22.92	22.82	22.77		
15	64QAM	1	0	22.93	22.75	22.74	23.7	2
15	64QAM	1	37	22.85	22.79	22.69		
15	64QAM	1	74	22.71	22.90	22.77		
15	64QAM	36	0	21.82	21.85	21.74	22.7	3
15	64QAM	36	20	21.79	21.80	21.71		
15	64QAM	36	39	21.67	21.83	21.86		
15	64QAM	75	0	21.80	21.90	21.76		
15	256QAM	1	0	19.73	19.82	19.82	20.7	5
15	256QAM	1	37	19.70	19.87	19.69		
15	256QAM	1	74	19.70	19.79	19.92		
15	256QAM	36	0	19.82	19.80	19.69	20.7	5
15	256QAM	36	20	19.82	19.87	19.76		
15	256QAM	36	39	19.74	19.74	19.65		
15	256QAM	75	0	19.66	19.87	19.66		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.79	24.80	24.81	25.7	0
10	QPSK	1	25	24.73	24.82	24.66		
10	QPSK	1	49	24.68	24.82	24.75		
10	QPSK	25	0	23.69	23.81	23.77	24.7	1
10	QPSK	25	12	23.76	23.74	23.70		
10	QPSK	25	25	23.70	23.74	23.85		
10	QPSK	50	0	23.89	23.76	23.77		
10	16QAM	1	0	23.78	23.85	23.77	24.7	1
10	16QAM	1	25	23.72	23.74	23.75		
10	16QAM	1	49	23.73	23.87	23.71		
10	16QAM	25	0	22.64	22.74	22.73	23.7	2
10	16QAM	25	12	22.83	22.81	22.66		
10	16QAM	25	25	22.74	22.75	22.77		
10	16QAM	50	0	22.91	22.76	22.75		
10	64QAM	1	0	22.93	22.77	22.77	23.7	2
10	64QAM	1	25	22.75	22.80	22.71		
10	64QAM	1	49	22.69	22.89	22.75		
10	64QAM	25	0	21.73	21.88	21.76	22.7	3
10	64QAM	25	12	21.72	21.69	21.72		
10	64QAM	25	25	21.64	21.75	21.85		
10	64QAM	50	0	21.77	21.80	21.79		
10	256QAM	1	0	19.75	19.82	19.74	20.7	5
10	256QAM	1	25	19.70	19.85	19.69		
10	256QAM	1	49	19.61	19.84	19.90		
10	256QAM	25	0	19.80	19.75	19.78	20.7	5
10	256QAM	25	12	19.84	19.84	19.73		
10	256QAM	25	25	19.77	19.77	19.59		
10	256QAM	50	0	19.68	19.89	19.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.80	24.86	24.73	25.7	0
5	QPSK	1	12	24.72	24.78	24.73		
5	QPSK	1	24	24.75	24.79	24.71		
5	QPSK	12	0	23.75	23.80	23.86	24.7	1
5	QPSK	12	7	23.72	23.78	23.65		
5	QPSK	12	13	23.64	23.73	23.75		
5	QPSK	25	0	23.81	23.80	23.76		
5	16QAM	1	0	23.85	23.84	23.78	24.7	1
5	16QAM	1	12	23.74	23.77	23.64		
5	16QAM	1	24	23.75	23.88	23.72		
5	16QAM	12	0	22.66	22.84	22.77	23.7	2
5	16QAM	12	7	22.80	22.87	22.72		
5	16QAM	12	13	22.75	22.84	22.84		
5	16QAM	25	0	22.86	22.75	22.76		
5	64QAM	1	0	22.91	22.77	22.77	23.7	2
5	64QAM	1	12	22.83	22.76	22.70		
5	64QAM	1	24	22.69	22.88	22.79		
5	64QAM	12	0	21.74	21.82	21.70	22.7	3
5	64QAM	12	7	21.77	21.75	21.69		
5	64QAM	12	13	21.64	21.75	21.81		
5	64QAM	25	0	21.79	21.86	21.76		
5	256QAM	1	0	19.71	19.78	19.74	20.7	5
5	256QAM	1	12	19.70	19.82	19.75		
5	256QAM	1	24	19.63	19.87	19.84		
5	256QAM	12	0	19.84	19.74	19.71	20.7	5
5	256QAM	12	7	19.78	19.84	19.79		
5	256QAM	12	13	19.71	19.71	19.69		
5	256QAM	25	0	19.66	19.87	19.64		

Band 48 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.25	23.29	23.17	23.21	24.5	0
20	QPSK	1	49	23.13	23.24	23.14	23.09		
20	QPSK	1	99	23.11	23.21	23.15	23.14		
20	QPSK	50	0	22.25	22.30	22.13	22.18	23.5	1
20	QPSK	50	24	22.15	22.26	22.19	22.09		
20	QPSK	50	50	22.17	22.17	22.19	22.09		
20	QPSK	100	0	22.26	22.28	22.13	22.21		
20	16QAM	1	0	22.26	22.24	22.20	22.27	23.5	1
20	16QAM	1	49	22.12	22.22	22.15	22.07		
20	16QAM	1	99	22.15	22.20	22.12	22.14		
20	16QAM	50	0	21.26	21.33	21.14	21.16	22.5	2
20	16QAM	50	24	21.19	21.23	21.13	21.06		
20	16QAM	50	50	21.21	21.21	21.22	21.05		
20	16QAM	100	0	21.27	21.29	21.18	21.17		
20	64QAM	1	0	21.21	21.29	21.24	21.26	22.5	2
20	64QAM	1	49	21.13	21.21	21.10	21.12		
20	64QAM	1	99	21.15	21.25	21.08	21.15		
20	64QAM	50	0	20.21	20.28	20.18	20.18	21.5	3
20	64QAM	50	24	20.14	20.25	20.16	20.15		
20	64QAM	50	50	20.22	20.19	20.23	20.05		
20	64QAM	100	0	20.29	20.25	20.15	20.21		
20	256QAM	1	0	18.25	18.33	18.17	18.19	19.5	5
20	256QAM	1	49	18.10	18.23	18.24	18.06		
20	256QAM	1	99	18.15	18.15	18.24	18.09		
20	256QAM	50	0	18.29	18.25	18.14	18.26	19.5	5
20	256QAM	50	24	18.21	18.22	18.14	18.23		
20	256QAM	50	50	18.14	18.21	18.09	18.08		
20	256QAM	100	0	18.16	18.18	18.14	18.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.23	23.19	23.05	23.14	24.5	0
15	QPSK	1	37	23.04	23.15	23.03	23.06		
15	QPSK	1	74	22.99	23.08	23.03	23.08		
15	QPSK	36	0	22.15	22.26	22.04	22.10	23.5	1
15	QPSK	36	20	22.09	22.22	22.11	22.05		
15	QPSK	36	39	22.08	22.10	22.16	22.01		
15	QPSK	75	0	22.18	22.17	22.10	22.14		
15	16QAM	1	0	22.21	22.14	22.14	22.16	23.5	1
15	16QAM	1	37	22.07	22.19	22.03	21.94		
15	16QAM	1	74	22.09	22.15	22.00	22.07		
15	16QAM	36	0	21.15	21.26	21.12	21.14	22.5	2
15	16QAM	36	20	21.10	21.14	21.11	20.97		
15	16QAM	36	39	21.15	21.07	21.11	20.95		
15	16QAM	75	0	21.19	21.26	21.09	21.13		
15	64QAM	1	0	21.17	21.23	21.15	21.22	22.5	2
15	64QAM	1	37	21.09	21.12	20.98	21.01		
15	64QAM	1	74	21.13	21.14	20.95	21.11		
15	64QAM	36	0	20.11	20.14	20.05	20.11	21.5	3
15	64QAM	36	20	20.05	20.21	20.10	20.10		
15	64QAM	36	39	20.16	20.05	20.12	19.92		
15	64QAM	75	0	20.22	20.19	20.11	20.15		
15	256QAM	1	0	18.13	18.20	18.05	18.15	19.5	5
15	256QAM	1	37	18.05	18.12	18.18	18.04		
15	256QAM	1	74	18.02	18.10	18.18	18.06		
15	256QAM	36	0	18.21	18.13	18.03	18.23	19.5	5
15	256QAM	36	20	18.08	18.12	18.05	18.12		
15	256QAM	36	39	18.09	18.14	17.99	18.06		
15	256QAM	75	0	18.10	18.06	18.02	18.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.18	23.16	23.09	23.18	24.5	0
10	QPSK	1	25	23.10	23.19	23.01	22.99		
10	QPSK	1	49	23.05	23.16	23.04	23.05		
10	QPSK	25	0	22.18	22.19	22.07	22.07	23.5	1
10	QPSK	25	12	22.01	22.13	22.09	21.97		
10	QPSK	25	25	22.05	22.14	22.14	21.98		
10	QPSK	50	0	22.22	22.17	21.99	22.09		
10	16QAM	1	0	22.21	22.12	22.13	22.21	23.5	1
10	16QAM	1	25	22.00	22.09	22.10	22.00		
10	16QAM	1	49	22.11	22.07	22.04	22.08		
10	16QAM	25	0	21.18	21.29	21.10	21.03	22.5	2
10	16QAM	25	12	21.06	21.18	21.08	21.02		
10	16QAM	25	25	21.12	21.12	21.15	21.02		
10	16QAM	50	0	21.22	21.24	21.06	21.11		
10	64QAM	1	0	21.15	21.17	21.10	21.16	22.5	2
10	64QAM	1	25	21.07	21.07	21.01	21.02		
10	64QAM	1	49	21.12	21.21	20.99	21.12		
10	64QAM	25	0	20.15	20.24	20.04	20.12	21.5	3
10	64QAM	25	12	20.09	20.19	20.05	20.01		
10	64QAM	25	25	20.17	20.10	20.16	19.98		
10	64QAM	50	0	20.16	20.14	20.11	20.12		
10	256QAM	1	0	18.22	18.31	18.12	18.08	19.5	5
10	256QAM	1	25	18.02	18.15	18.12	17.97		
10	256QAM	1	49	18.09	18.12	18.10	18.05		
10	256QAM	25	0	18.20	18.17	18.07	18.21	19.5	5
10	256QAM	25	12	18.17	18.09	18.03	18.15		
10	256QAM	25	25	18.04	18.11	18.03	17.97		
10	256QAM	50	0	18.11	18.10	18.10	18.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.16	23.14	23.12	24.5	0
5	QPSK	1	12	23.08	23.14	23.11	23.04		
5	QPSK	1	24	23.01	23.18	23.06	23.11		
5	QPSK	12	0	22.19	22.17	22.09	22.11	23.5	1
5	QPSK	12	7	22.12	22.15	22.09	21.98		
5	QPSK	12	13	22.04	22.05	22.08	21.97		
5	QPSK	25	0	22.19	22.16	22.07	22.11		
5	16QAM	1	0	22.15	22.11	22.13	22.14	23.5	1
5	16QAM	1	12	22.03	22.15	22.09	22.03		
5	16QAM	1	24	22.08	22.11	22.08	22.05		
5	16QAM	12	0	21.17	21.23	21.06	21.02	22.5	2
5	16QAM	12	7	21.11	21.11	21.00	21.01		
5	16QAM	12	13	21.16	21.17	21.14	21.02		
5	16QAM	25	0	21.14	21.19	21.06	21.12		
5	64QAM	1	0	21.14	21.17	21.16	21.24	22.5	2
5	64QAM	1	12	21.05	21.15	21.05	21.01		
5	64QAM	1	24	21.03	21.13	21.03	21.13		
5	64QAM	12	0	20.07	20.18	20.16	20.04	21.5	3
5	64QAM	12	7	20.07	20.18	20.03	20.07		
5	64QAM	12	13	20.18	20.11	20.15	20.00		
5	64QAM	25	0	20.23	20.13	20.09	20.08		
5	256QAM	1	0	18.19	18.23	18.10	18.11	19.5	5
5	256QAM	1	12	17.96	18.18	18.22	18.00		
5	256QAM	1	24	18.11	18.06	18.14	17.97		
5	256QAM	12	0	18.17	18.22	18.08	18.23	19.5	5
5	256QAM	12	7	18.10	18.16	18.10	18.10		
5	256QAM	12	13	18.10	18.14	18.05	17.96		
5	256QAM	25	0	18.12	18.15	18.04	18.03		

GSM1900 Ant5 DSI4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	30.12	30.08	31.40	21.02	21.12	21.08	22.40
GPRS 1 Tx slot	29.99	30.10	30.05	31.40	20.99	21.10	21.05	22.40
GPRS 2 Tx slots	26.95	27.08	27.03	28.40	20.95	21.08	21.03	22.40
GPRS 3 Tx slots	25.21	25.34	25.26	26.60	20.95	21.08	21.00	22.34
GPRS 4 Tx slots	23.96	24.06	23.99	25.40	20.96	21.06	20.99	22.40
EDGE 1 Tx slot	25.31	25.36	25.30	26.70	16.31	16.36	16.30	17.70
EDGE 2 Tx slots	22.34	22.45	22.40	23.70	16.34	16.45	16.40	17.70
EDGE 3 Tx slots	20.44	20.59	20.53	21.90	16.18	16.33	16.27	17.64
EDGE 4 Tx slots	19.28	19.36	19.35	20.70	16.28	16.36	16.35	17.70

Band		WCDMA II Ant5 DSI4			Tune-up Limit (dBm)	WCDMA IV Ant5 DSI4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.45	21.40	21.38	22.70	21.42	21.47	21.42	22.70
3GPP Rel 99	RMC 12.2Kbps	21.45	21.48	21.34	22.70	21.43	21.52	21.48	22.70
3GPP Rel 6	HSDPA Subtest-1	20.41	20.46	20.30	21.70	20.56	20.51	20.29	21.70
3GPP Rel 6	HSDPA Subtest-2	20.48	20.60	20.40	21.70	20.39	20.47	20.33	21.70
3GPP Rel 6	HSDPA Subtest-3	19.93	20.01	19.84	21.20	19.91	20.07	19.87	21.20
3GPP Rel 6	HSDPA Subtest-4	20.02	19.94	19.79	21.20	19.95	20.10	19.78	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	20.48	20.45	20.40	21.70	20.49	20.57	20.36	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.39	20.47	20.40	21.70	20.54	20.53	20.35	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	19.96	20.05	19.82	21.20	19.99	19.99	19.78	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	20.13	19.89	21.20	19.97	19.98	19.82	21.20
3GPP Rel 6	HSUPA Subtest-1	20.50	20.51	20.37	21.70	20.56	20.58	20.30	21.70
3GPP Rel 6	HSUPA Subtest-2	18.50	18.59	18.43	19.70	18.42	18.52	18.36	19.70
3GPP Rel 6	HSUPA Subtest-3	19.41	19.59	19.38	20.70	19.44	19.44	19.35	20.70
3GPP Rel 6	HSUPA Subtest-4	18.50	18.58	18.36	19.70	18.55	18.50	18.38	19.70
3GPP Rel 6	HSUPA Subtest-5	20.43	20.49	20.42	21.70	20.47	20.40	20.27	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.96	18.00	17.87	19.20	17.97	17.93	17.87	19.20

Band 2 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.51	21.65	21.50	22.6	0
20	QPSK	1	49	21.55	21.63	21.48		
20	QPSK	1	99	21.52	21.55	21.59		
20	QPSK	50	0	21.50	21.61	21.52	22.6	0
20	QPSK	50	24	21.53	21.58	21.49		
20	QPSK	50	50	21.48	21.51	21.47		
20	QPSK	100	0	21.56	21.59	21.58		
20	16QAM	1	0	21.53	21.62	21.53	22.6	0
20	16QAM	1	49	21.53	21.61	21.54		
20	16QAM	1	99	21.56	21.61	21.58		
20	16QAM	50	0	21.55	21.58	21.59	22.6	0
20	16QAM	50	24	21.55	21.57	21.56		
20	16QAM	50	50	21.54	21.60	21.52		
20	16QAM	100	0	21.54	21.60	21.49		
20	64QAM	1	0	21.56	21.62	21.58	22.6	0
20	64QAM	1	49	21.54	21.59	21.56		
20	64QAM	1	99	21.52	21.56	21.48		
20	64QAM	50	0	20.55	20.62	20.59	21.6	1
20	64QAM	50	24	20.53	20.63	20.50		
20	64QAM	50	50	20.48	20.52	20.52		
20	64QAM	100	0	20.57	20.56	20.54		
20	256QAM	1	0	18.51	18.52	18.59	19.6	3
20	256QAM	1	49	18.48	18.61	18.48		
20	256QAM	1	99	18.46	18.54	18.49		
20	256QAM	50	0	18.50	18.58	18.48	19.6	3
20	256QAM	50	24	18.46	18.60	18.52		
20	256QAM	50	50	18.49	18.60	18.58		
20	256QAM	100	0	18.49	18.62	18.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.38	21.45	22.6	0
15	QPSK	1	37	21.50	21.49	21.32		
15	QPSK	1	74	21.37	21.45	21.44		
15	QPSK	36	0	21.43	21.43	21.39	22.6	0
15	QPSK	36	20	21.41	21.52	21.36		
15	QPSK	36	39	21.37	21.37	21.31		
15	QPSK	75	0	21.51	21.47	21.44		
15	16QAM	1	0	21.44	21.52	21.42	22.6	0
15	16QAM	1	37	21.47	21.54	21.47		
15	16QAM	1	74	21.48	21.55	21.50		
15	16QAM	36	0	21.46	21.48	21.50	22.6	0
15	16QAM	36	20	21.47	21.50	21.41		
15	16QAM	36	39	21.40	21.55	21.44		
15	16QAM	75	0	21.45	21.50	21.35		
15	64QAM	1	0	21.42	21.50	21.50	22.6	0
15	64QAM	1	37	21.50	21.53	21.40		
15	64QAM	1	74	21.45	21.52	21.33		
15	64QAM	36	0	20.50	20.49	20.44	21.6	1
15	64QAM	36	20	20.47	20.52	20.36		
15	64QAM	36	39	20.39	20.42	20.45		
15	64QAM	75	0	20.51	20.46	20.48		
15	256QAM	1	0	18.44	18.39	18.48	19.6	3
15	256QAM	1	37	18.41	18.52	18.37		
15	256QAM	1	74	18.36	18.43	18.43		
15	256QAM	36	0	18.45	18.53	18.42	19.6	3
15	256QAM	36	20	18.32	18.48	18.40		
15	256QAM	36	39	18.35	18.45	18.48		
15	256QAM	75	0	18.33	18.47	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.36	21.41	21.39	22.6	0
10	QPSK	1	25	21.40	21.57	21.41		
10	QPSK	1	49	21.40	21.46	21.44		
10	QPSK	25	0	21.46	21.52	21.42	22.6	0
10	QPSK	25	12	21.38	21.53	21.41		
10	QPSK	25	25	21.36	21.47	21.35		
10	QPSK	50	0	21.40	21.39	21.46		
10	16QAM	1	0	21.40	21.54	21.45	22.6	0
10	16QAM	1	25	21.47	21.55	21.44		
10	16QAM	1	49	21.44	21.45	21.53		
10	16QAM	25	0	21.44	21.45	21.43	22.6	0
10	16QAM	25	12	21.49	21.41	21.45		
10	16QAM	25	25	21.38	21.55	21.38		
10	16QAM	50	0	21.49	21.50	21.36		
10	64QAM	1	0	21.42	21.53	21.44	22.6	0
10	64QAM	1	25	21.50	21.46	21.43		
10	64QAM	1	49	21.41	21.44	21.44		
10	64QAM	25	0	20.48	20.46	20.49	21.6	1
10	64QAM	25	12	20.38	20.57	20.43		
10	64QAM	25	25	20.37	20.39	20.40		
10	64QAM	50	0	20.43	20.51	20.47		
10	256QAM	1	0	18.39	18.46	18.54	19.6	3
10	256QAM	1	25	18.35	18.47	18.34		
10	256QAM	1	49	18.30	18.41	18.36		
10	256QAM	25	0	18.42	18.50	18.34	19.6	3
10	256QAM	25	12	18.36	18.51	18.37		
10	256QAM	25	25	18.36	18.56	18.44		
10	256QAM	50	0	18.33	18.46	18.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.44	21.38	21.37	22.6	0
5	QPSK	1	12	21.50	21.52	21.37		
5	QPSK	1	24	21.42	21.48	21.51		
5	QPSK	12	0	21.41	21.43	21.46	22.6	0
5	QPSK	12	7	21.44	21.50	21.40		
5	QPSK	12	13	21.44	21.39	21.42		
5	QPSK	25	0	21.50	21.47	21.45		
5	16QAM	1	0	21.45	21.55	21.39	22.6	0
5	16QAM	1	12	21.42	21.45	21.44		
5	16QAM	1	24	21.41	21.55	21.48		
5	16QAM	12	0	21.40	21.44	21.51	22.6	0
5	16QAM	12	7	21.51	21.42	21.50		
5	16QAM	12	13	21.38	21.54	21.42		
5	16QAM	25	0	21.47	21.52	21.34		
5	64QAM	1	0	21.41	21.57	21.42	22.6	0
5	64QAM	1	12	21.46	21.49	21.43		
5	64QAM	1	24	21.42	21.43	21.33		
5	64QAM	12	0	20.46	20.53	20.48	21.6	1
5	64QAM	12	7	20.40	20.55	20.41		
5	64QAM	12	13	20.39	20.41	20.43		
5	64QAM	25	0	20.51	20.49	20.49		
5	256QAM	1	0	18.36	18.38	18.48	19.6	3
5	256QAM	1	12	18.34	18.47	18.38		
5	256QAM	1	24	18.34	18.41	18.40		
5	256QAM	12	0	18.41	18.46	18.36	19.6	3
5	256QAM	12	7	18.32	18.53	18.46		
5	256QAM	12	13	18.37	18.45	18.45		
5	256QAM	25	0	18.38	18.57	18.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.40	21.48	21.41	22.6	0
3	QPSK	1	8	21.43	21.50	21.38		
3	QPSK	1	14	21.40	21.40	21.48		
3	QPSK	8	0	21.40	21.52	21.43	22.6	0
3	QPSK	8	4	21.47	21.44	21.33		
3	QPSK	8	7	21.33	21.39	21.32		
3	QPSK	15	0	21.47	21.36	21.48		
3	16QAM	1	0	21.47	21.48	21.44	22.6	0
3	16QAM	1	8	21.39	21.47	21.38		
3	16QAM	1	14	21.41	21.56	21.54		
3	16QAM	8	0	21.48	21.45	21.45	22.6	0
3	16QAM	8	4	21.50	21.52	21.50		
3	16QAM	8	7	21.41	21.45	21.47		
3	16QAM	15	0	21.39	21.52	21.38		
3	64QAM	1	0	21.42	21.48	21.48	22.6	0
3	64QAM	1	8	21.49	21.50	21.48		
3	64QAM	1	14	21.46	21.42	21.40		
3	64QAM	8	0	20.40	20.53	20.47	21.6	1
3	64QAM	8	4	20.38	20.51	20.45		
3	64QAM	8	7	20.33	20.36	20.45		
3	64QAM	15	0	20.42	20.42	20.45		
3	256QAM	1	0	18.43	18.38	18.46	19.6	3
3	256QAM	1	8	18.36	18.48	18.41		
3	256QAM	1	14	18.34	18.41	18.44		
3	256QAM	8	0	18.43	18.44	18.34	19.6	3
3	256QAM	8	4	18.42	18.54	18.44		
3	256QAM	8	7	18.34	18.47	18.45		
3	256QAM	15	0	18.38	18.51	18.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.46	21.40	21.36	22.6	0
1.4	QPSK	1	3	21.44	21.55	21.32		
1.4	QPSK	1	5	21.38	21.51	21.43		
1.4	QPSK	3	0	21.39	21.46	21.39		
1.4	QPSK	3	1	21.39	21.53	21.38		
1.4	QPSK	3	3	21.39	21.39	21.36		
1.4	QPSK	6	0	21.45	21.46	21.49	22.6	0
1.4	16QAM	1	0	21.49	21.48	21.48	22.6	0
1.4	16QAM	1	3	21.37	21.56	21.43		
1.4	16QAM	1	5	21.50	21.48	21.50		
1.4	16QAM	3	0	21.49	21.49	21.49		
1.4	16QAM	3	1	21.51	21.53	21.42		
1.4	16QAM	3	3	21.47	21.51	21.38		
1.4	16QAM	6	0	21.46	21.54	21.34	22.6	0
1.4	64QAM	1	0	21.42	21.54	21.43	22.6	0
1.4	64QAM	1	3	21.42	21.54	21.49		
1.4	64QAM	1	5	21.40	21.45	21.43		
1.4	64QAM	3	0	21.44	21.48	21.44		
1.4	64QAM	3	1	21.40	21.48	21.33		
1.4	64QAM	3	3	21.39	21.42	21.49		
1.4	64QAM	6	0	20.47	20.50	20.41	21.6	1
1.4	256QAM	1	0	18.38	18.47	18.48	19.6	3
1.4	256QAM	1	3	18.34	18.52	18.40		
1.4	256QAM	1	5	18.34	18.45	18.40		
1.4	256QAM	3	0	18.39	18.45	18.34		
1.4	256QAM	3	1	18.35	18.50	18.42		
1.4	256QAM	3	3	18.35	18.47	18.48		
1.4	256QAM	6	0	18.43	18.55	18.38	19.6	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.87	23.06	22.82	24	0
20	QPSK	1	49	22.88	22.93	22.91		
20	QPSK	1	99	22.90	22.94	22.82		
20	QPSK	50	0	22.87	22.95	22.89	24	0
20	QPSK	50	24	22.88	22.92	22.88		
20	QPSK	50	50	22.84	22.90	22.81		
20	QPSK	100	0	22.90	22.94	22.81		
20	16QAM	1	0	22.86	22.95	22.86	24	0
20	16QAM	1	49	22.84	22.89	22.89		
20	16QAM	1	99	22.89	22.97	22.89		
20	16QAM	50	0	22.35	22.40	22.36	23.5	0.5
20	16QAM	50	24	22.36	22.37	22.35		
20	16QAM	50	50	22.43	22.42	22.37		
20	16QAM	100	0	22.36	22.45	22.40		
20	64QAM	1	0	22.36	22.39	22.32	23.5	0.5
20	64QAM	1	49	22.37	22.46	22.38		
20	64QAM	1	99	22.38	22.40	22.35		
20	64QAM	50	0	22.33	22.47	22.36	22.5	1.5
20	64QAM	50	24	22.36	22.38	22.37		
20	64QAM	50	50	22.38	22.46	22.37		
20	64QAM	100	0	22.34	22.48	22.31		
20	256QAM	1	0	19.41	19.40	19.35	20.5	3.5
20	256QAM	1	49	19.35	19.46	19.37		
20	256QAM	1	99	19.44	19.43	19.34		
20	256QAM	50	0	19.42	19.42	19.38	20.5	3.5
20	256QAM	50	24	19.44	19.43	19.31		
20	256QAM	50	50	19.38	19.38	19.37		
20	256QAM	100	0	19.36	19.44	19.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.88	22.72	24	0
15	QPSK	1	37	22.72	22.82	22.87		
15	QPSK	1	74	22.85	22.86	22.67		
15	QPSK	36	0	22.78	22.84	22.80	24	0
15	QPSK	36	20	22.72	22.83	22.73		
15	QPSK	36	39	22.74	22.76	22.68		
15	QPSK	75	0	22.83	22.79	22.69		
15	16QAM	1	0	22.70	22.85	22.80	24	0
15	16QAM	1	37	22.79	22.73	22.78		
15	16QAM	1	74	22.84	22.87	22.81		
15	16QAM	36	0	22.27	22.28	22.31	23.5	0.5
15	16QAM	36	20	22.27	22.32	22.28		
15	16QAM	36	39	22.29	22.36	22.23		
15	16QAM	75	0	22.32	22.37	22.34		
15	64QAM	1	0	22.28	22.26	22.21	23.5	0.5
15	64QAM	1	37	22.32	22.41	22.24		
15	64QAM	1	74	22.26	22.29	22.25		
15	64QAM	36	0	22.28	22.38	22.24	22.5	1.5
15	64QAM	36	20	22.27	22.25	22.31		
15	64QAM	36	39	22.32	22.40	22.29		
15	64QAM	75	0	22.28	22.33	22.18		
15	256QAM	1	0	19.27	19.24	19.22	20.5	3.5
15	256QAM	1	37	19.28	19.38	19.29		
15	256QAM	1	74	19.36	19.31	19.26		
15	256QAM	36	0	19.33	19.38	19.24	20.5	3.5
15	256QAM	36	20	19.37	19.37	19.25		
15	256QAM	36	39	19.32	19.29	19.31		
15	256QAM	75	0	19.21	19.31	19.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.88	22.76	24	0
10	QPSK	1	25	22.73	22.80	22.76		
10	QPSK	1	49	22.79	22.81	22.75		
10	QPSK	25	0	22.75	22.76	22.85	24	0
10	QPSK	25	12	22.83	22.81	22.83		
10	QPSK	25	25	22.68	22.86	22.77		
10	QPSK	50	0	22.83	22.84	22.66		
10	16QAM	1	0	22.79	22.86	22.70	24	0
10	16QAM	1	25	22.75	22.77	22.77		
10	16QAM	1	49	22.75	22.87	22.84		
10	16QAM	25	0	22.28	22.30	22.27	23.5	0.5
10	16QAM	25	12	22.30	22.22	22.23		
10	16QAM	25	25	22.34	22.35	22.28		
10	16QAM	50	0	22.26	22.36	22.29		
10	64QAM	1	0	22.32	22.33	22.20	23.5	0.5
10	64QAM	1	25	22.22	22.37	22.26		
10	64QAM	1	49	22.24	22.34	22.28		
10	64QAM	25	0	22.18	22.37	22.28	22.5	1.5
10	64QAM	25	12	22.21	22.25	22.25		
10	64QAM	25	25	22.24	22.38	22.33		
10	64QAM	50	0	22.25	22.44	22.21		
10	256QAM	1	0	19.27	19.26	19.25	20.5	3.5
10	256QAM	1	25	19.28	19.37	19.28		
10	256QAM	1	49	19.40	19.31	19.27		
10	256QAM	25	0	19.36	19.36	19.22	20.5	3.5
10	256QAM	25	12	19.30	19.38	19.18		
10	256QAM	25	25	19.22	19.23	19.23		
10	256QAM	50	0	19.31	19.40	19.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.80	22.86	22.73	24	0
5	QPSK	1	12	22.73	22.80	22.77		
5	QPSK	1	24	22.76	22.82	22.74		
5	QPSK	12	0	22.73	22.76	22.79	24	0
5	QPSK	12	7	22.79	22.79	22.74		
5	QPSK	12	13	22.78	22.78	22.71		
5	QPSK	25	0	22.83	22.81	22.73		
5	16QAM	1	0	22.78	22.90	22.73	24	0
5	16QAM	1	12	22.77	22.80	22.81		
5	16QAM	1	24	22.81	22.93	22.84		
5	16QAM	12	0	22.24	22.26	22.26	23.5	0.5
5	16QAM	12	7	22.31	22.27	22.24		
5	16QAM	12	13	22.36	22.37	22.26		
5	16QAM	25	0	22.25	22.34	22.28		
5	64QAM	1	0	22.25	22.28	22.25	23.5	0.5
5	64QAM	1	12	22.27	22.30	22.27		
5	64QAM	1	24	22.25	22.33	22.30		
5	64QAM	12	0	22.27	22.37	22.22	22.5	1.5
5	64QAM	12	7	22.27	22.24	22.28		
5	64QAM	12	13	22.27	22.40	22.33		
5	64QAM	25	0	22.19	22.35	22.18		
5	256QAM	1	0	19.36	19.29	19.21	20.5	3.5
5	256QAM	1	12	19.20	19.30	19.22		
5	256QAM	1	24	19.37	19.34	19.18		
5	256QAM	12	0	19.33	19.29	19.30	20.5	3.5
5	256QAM	12	7	19.29	19.28	19.16		
5	256QAM	12	13	19.27	19.28	19.30		
5	256QAM	25	0	19.28	19.32	19.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.78	22.82	22.71	24	0
3	QPSK	1	8	22.80	22.81	22.80		
3	QPSK	1	14	22.76	22.87	22.76		
3	QPSK	8	0	22.81	22.85	22.77	24	0
3	QPSK	8	4	22.72	22.83	22.75		
3	QPSK	8	7	22.76	22.82	22.74		
3	QPSK	15	0	22.75	22.82	22.70		
3	16QAM	1	0	22.78	22.80	22.77	24	0
3	16QAM	1	8	22.78	22.75	22.82		
3	16QAM	1	14	22.81	22.91	22.77		
3	16QAM	8	0	22.31	22.33	22.31	23.5	0.5
3	16QAM	8	4	22.31	22.26	22.31		
3	16QAM	8	7	22.36	22.36	22.31		
3	16QAM	15	0	22.25	22.34	22.31		
3	64QAM	1	0	22.26	22.24	22.21	23.5	0.5
3	64QAM	1	8	22.33	22.38	22.26		
3	64QAM	1	14	22.31	22.32	22.21		
3	64QAM	8	0	22.21	22.32	22.28	22.5	1.5
3	64QAM	8	4	22.29	22.32	22.22		
3	64QAM	8	7	22.32	22.35	22.32		
3	64QAM	15	0	22.19	22.38	22.20		
3	256QAM	1	0	19.31	19.34	19.30	20.5	3.5
3	256QAM	1	8	19.25	19.31	19.27		
3	256QAM	1	14	19.39	19.31	19.24		
3	256QAM	8	0	19.28	19.29	19.27	20.5	3.5
3	256QAM	8	4	19.33	19.38	19.24		
3	256QAM	8	7	19.33	19.28	19.21		
3	256QAM	15	0	19.27	19.28	19.20		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.72	22.77	22.69	24	0
1.4	QPSK	1	3	22.80	22.87	22.85		
1.4	QPSK	1	5	22.81	22.86	22.70		
1.4	QPSK	3	0	22.72	22.76	22.76		
1.4	QPSK	3	1	22.81	22.76	22.80		
1.4	QPSK	3	3	22.76	22.81	22.67		
1.4	QPSK	6	0	22.79	22.88	22.76	24	0
1.4	16QAM	1	0	22.71	22.89	22.72	24	0
1.4	16QAM	1	3	22.72	22.85	22.78		
1.4	16QAM	1	5	22.77	22.89	22.74		
1.4	16QAM	3	0	22.28	22.25	22.31		
1.4	16QAM	3	1	22.29	22.27	22.25		
1.4	16QAM	3	3	22.29	22.31	22.27		
1.4	16QAM	6	0	22.24	22.37	22.36	24	0
1.4	64QAM	1	0	22.23	22.30	22.18	24	0
1.4	64QAM	1	3	22.21	22.39	22.26		
1.4	64QAM	1	5	22.28	22.26	22.25		
1.4	64QAM	3	0	22.27	22.36	22.22		
1.4	64QAM	3	1	22.28	22.24	22.31		
1.4	64QAM	3	3	22.34	22.36	22.23		
1.4	64QAM	6	0	22.27	22.39	22.25	23	1
1.4	256QAM	1	0	19.25	19.28	19.22	21	3
1.4	256QAM	1	3	19.29	19.40	19.30		
1.4	256QAM	1	5	19.32	19.29	19.28		
1.4	256QAM	3	0	19.33	19.30	19.29		
1.4	256QAM	3	1	19.36	19.33	19.17		
1.4	256QAM	3	3	19.25	19.29	19.22		
1.4	256QAM	6	0	19.28	19.39	19.18	21	3

Band 7 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.71	18.81	18.72	19.6	0
20	QPSK	1	49	18.60	18.77	18.66		
20	QPSK	1	99	18.60	18.70	18.70		
20	QPSK	50	0	18.61	18.78	18.66	19.6	0
20	QPSK	50	24	18.65	18.71	18.71		
20	QPSK	50	50	18.70	18.77	18.64		
20	QPSK	100	0	18.63	18.75	18.74		
20	16QAM	1	0	18.69	18.75	18.69	19.6	0
20	16QAM	1	49	18.64	18.77	18.69		
20	16QAM	1	99	18.64	18.71	18.69		
20	16QAM	50	0	18.71	18.74	18.66	19.6	0
20	16QAM	50	24	18.64	18.69	18.70		
20	16QAM	50	50	18.67	18.71	18.72		
20	16QAM	100	0	18.62	18.67	18.63		
20	64QAM	1	0	18.66	18.66	18.74	19.6	0
20	64QAM	1	49	18.64	18.74	18.66		
20	64QAM	1	99	18.66	18.78	18.66		
20	64QAM	50	0	18.68	18.70	18.64	19.6	0
20	64QAM	50	24	18.63	18.76	18.66		
20	64QAM	50	50	18.66	18.68	18.73		
20	64QAM	100	0	18.68	18.74	18.67		
20	256QAM	1	0	18.60	18.78	18.67	19.6	0
20	256QAM	1	49	18.62	18.71	18.69		
20	256QAM	1	99	18.66	18.76	18.63		
20	256QAM	50	0	18.65	18.76	18.70	19.6	0
20	256QAM	50	24	18.67	18.70	18.66		
20	256QAM	50	50	18.68	18.76	18.70		
20	256QAM	100	0	18.65	18.76	18.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.61	18.65	18.65	19.6	0
15	QPSK	1	37	18.48	18.63	18.51		
15	QPSK	1	74	18.48	18.64	18.55		
15	QPSK	36	0	18.47	18.68	18.53	19.6	0
15	QPSK	36	20	18.50	18.61	18.62		
15	QPSK	36	39	18.65	18.70	18.50		
15	QPSK	75	0	18.55	18.66	18.69		
15	16QAM	1	0	18.60	18.67	18.55	19.6	0
15	16QAM	1	37	18.54	18.68	18.53		
15	16QAM	1	74	18.49	18.56	18.59		
15	16QAM	36	0	18.63	18.58	18.55	19.6	0
15	16QAM	36	20	18.49	18.59	18.54		
15	16QAM	36	39	18.55	18.58	18.56		
15	16QAM	75	0	18.53	18.62	18.49		
15	64QAM	1	0	18.60	18.60	18.64	19.6	0
15	64QAM	1	37	18.53	18.69	18.56		
15	64QAM	1	74	18.59	18.68	18.59		
15	64QAM	36	0	18.58	18.64	18.57	19.6	0
15	64QAM	36	20	18.58	18.62	18.53		
15	64QAM	36	39	18.58	18.61	18.58		
15	64QAM	75	0	18.55	18.59	18.60		
15	256QAM	1	0	18.48	18.73	18.63	19.6	0
15	256QAM	1	37	18.57	18.63	18.57		
15	256QAM	1	74	18.51	18.62	18.57		
15	256QAM	36	0	18.54	18.63	18.55	19.6	0
15	256QAM	36	20	18.62	18.65	18.61		
15	256QAM	36	39	18.53	18.63	18.56		
15	256QAM	75	0	18.59	18.62	18.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.65	18.60	18.68	19.6	0
10	QPSK	1	25	18.46	18.62	18.56		
10	QPSK	1	49	18.48	18.56	18.57		
10	QPSK	25	0	18.50	18.62	18.61	19.6	0
10	QPSK	25	12	18.49	18.56	18.66		
10	QPSK	25	25	18.55	18.70	18.53		
10	QPSK	50	0	18.50	18.63	18.62		
10	16QAM	1	0	18.55	18.64	18.57	19.6	0
10	16QAM	1	25	18.59	18.68	18.61		
10	16QAM	1	49	18.51	18.66	18.54		
10	16QAM	25	0	18.59	18.68	18.55	19.6	0
10	16QAM	25	12	18.54	18.59	18.64		
10	16QAM	25	25	18.60	18.56	18.66		
10	16QAM	50	0	18.58	18.61	18.50		
10	64QAM	1	0	18.50	18.53	18.68	19.6	0
10	64QAM	1	25	18.55	18.66	18.57		
10	64QAM	1	49	18.56	18.73	18.62		
10	64QAM	25	0	18.64	18.57	18.58	19.6	0
10	64QAM	25	12	18.47	18.66	18.59		
10	64QAM	25	25	18.52	18.62	18.63		
10	64QAM	50	0	18.58	18.67	18.62		
10	256QAM	1	0	18.47	18.69	18.57	19.6	0
10	256QAM	1	25	18.51	18.56	18.58		
10	256QAM	1	49	18.54	18.69	18.51		
10	256QAM	25	0	18.54	18.72	18.60	19.6	0
10	256QAM	25	12	18.54	18.55	18.57		
10	256QAM	25	25	18.64	18.68	18.65		
10	256QAM	50	0	18.55	18.68	18.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.63	18.57	18.57	19.6	0
5	QPSK	1	12	18.48	18.66	18.52		
5	QPSK	1	24	18.51	18.57	18.60		
5	QPSK	12	0	18.51	18.65	18.58	19.6	0
5	QPSK	12	7	18.61	18.63	18.61		
5	QPSK	12	13	18.62	18.64	18.50		
5	QPSK	25	0	18.57	18.59	18.66		
5	16QAM	1	0	18.59	18.63	18.63	19.6	0
5	16QAM	1	12	18.51	18.65	18.61		
5	16QAM	1	24	18.55	18.59	18.62		
5	16QAM	12	0	18.60	18.58	18.58	19.6	0
5	16QAM	12	7	18.51	18.60	18.64		
5	16QAM	12	13	18.56	18.61	18.57		
5	16QAM	25	0	18.56	18.57	18.53		
5	64QAM	1	0	18.51	18.57	18.60	19.6	0
5	64QAM	1	12	18.58	18.58	18.53		
5	64QAM	1	24	18.62	18.72	18.53		
5	64QAM	12	0	18.62	18.62	18.50	19.6	0
5	64QAM	12	7	18.54	18.67	18.57		
5	64QAM	12	13	18.61	18.55	18.65		
5	64QAM	25	0	18.54	18.59	18.56		
5	256QAM	1	0	18.47	18.73	18.59	19.6	0
5	256QAM	1	12	18.54	18.66	18.59		
5	256QAM	1	24	18.59	18.62	18.56		
5	256QAM	12	0	18.58	18.64	18.55	19.6	0
5	256QAM	12	7	18.55	18.65	18.52		
5	256QAM	12	13	18.55	18.60	18.59		
5	256QAM	25	0	18.54	18.70	18.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.98	20.21	20.07	21.2	0
20	QPSK	1	49	20.04	20.07	20.09		
20	QPSK	1	99	19.98	20.14	20.09		
20	QPSK	50	0	20.02	20.15	20.03	21.2	0
20	QPSK	50	24	20.02	20.07	20.06		
20	QPSK	50	50	20.07	20.09	20.12		
20	QPSK	100	0	20.05	20.08	20.07		
20	16QAM	1	0	19.98	20.08	20.11	21.2	0
20	16QAM	1	49	20.02	20.03	20.01		
20	16QAM	1	99	20.07	20.13	20.03		
20	16QAM	50	0	19.99	20.05	20.05	21.2	0
20	16QAM	50	24	19.97	20.12	20.07		
20	16QAM	50	50	19.98	20.06	20.03		
20	16QAM	100	0	20.04	20.14	20.02		
20	64QAM	1	0	20.08	20.13	20.10	21.2	0
20	64QAM	1	49	19.98	20.05	20.12		
20	64QAM	1	99	19.96	20.09	20.06		
20	64QAM	50	0	20.00	20.06	20.05	21.2	0
20	64QAM	50	24	20.06	20.08	20.01		
20	64QAM	50	50	20.01	20.11	20.05		
20	64QAM	100	0	20.08	20.04	20.02		
20	256QAM	1	0	18.58	18.62	18.52	19.7	1.5
20	256QAM	1	49	18.50	18.53	18.55		
20	256QAM	1	99	18.50	18.64	18.53		
20	256QAM	50	0	18.57	18.56	18.58	19.7	1.5
20	256QAM	50	24	18.51	18.53	18.55		
20	256QAM	50	50	18.56	18.61	18.59		
20	256QAM	100	0	18.55	18.54	18.57		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.83	20.00	19.93	21.2	0
15	QPSK	1	37	19.96	19.96	20.03		
15	QPSK	1	74	19.86	20.06	20.00		
15	QPSK	36	0	19.97	19.96	19.95	21.2	0
15	QPSK	36	20	19.96	19.94	19.91		
15	QPSK	36	39	20.00	19.94	20.05		
15	QPSK	75	0	19.98	19.95	19.95		
15	16QAM	1	0	19.85	20.03	19.98	21.2	0
15	16QAM	1	37	19.93	19.94	19.95		
15	16QAM	1	74	19.96	20.04	19.94		
15	16QAM	36	0	19.95	19.90	19.90	21.2	0
15	16QAM	36	20	19.90	19.98	19.91		
15	16QAM	36	39	19.93	19.92	19.94		
15	16QAM	75	0	20.00	20.06	19.92		
15	64QAM	1	0	19.94	19.98	20.01	21.2	0
15	64QAM	1	37	19.86	19.94	20.02		
15	64QAM	1	74	19.81	19.97	19.95		
15	64QAM	36	0	19.92	19.92	19.93	21.2	0
15	64QAM	36	20	19.96	19.95	19.97		
15	64QAM	36	39	19.86	20.06	19.97		
15	64QAM	75	0	19.96	19.90	19.94		
15	256QAM	1	0	18.43	18.56	18.38	19.7	1.5
15	256QAM	1	37	18.39	18.40	18.45		
15	256QAM	1	74	18.40	18.50	18.43		
15	256QAM	36	0	18.47	18.50	18.42	19.7	1.5
15	256QAM	36	20	18.36	18.47	18.40		
15	256QAM	36	39	18.42	18.55	18.51		
15	256QAM	75	0	18.50	18.44	18.45		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.82	19.96	19.96	21.2	0
10	QPSK	1	25	19.98	19.97	20.01		
10	QPSK	1	49	19.85	20.02	19.94		
10	QPSK	25	0	19.94	19.94	19.96	21.2	0
10	QPSK	25	12	19.89	19.93	19.92		
10	QPSK	25	25	19.94	20.03	19.99		
10	QPSK	50	0	19.97	19.93	20.01		
10	16QAM	1	0	19.84	20.00	19.97	21.2	0
10	16QAM	1	25	19.91	19.96	19.90		
10	16QAM	1	49	19.96	20.01	19.88		
10	16QAM	25	0	19.95	19.99	19.94	21.2	0
10	16QAM	25	12	19.93	19.97	20.02		
10	16QAM	25	25	19.86	19.90	19.96		
10	16QAM	50	0	19.93	20.01	19.88		
10	64QAM	1	0	20.02	20.06	20.04	21.2	0
10	64QAM	1	25	19.86	19.98	20.04		
10	64QAM	1	49	19.89	19.93	20.02		
10	64QAM	25	0	19.93	19.96	19.93	21.2	0
10	64QAM	25	12	19.92	20.02	19.88		
10	64QAM	25	25	19.93	20.02	19.97		
10	64QAM	50	0	20.03	19.94	19.95		
10	256QAM	1	0	18.47	18.52	18.42	19.7	1.5
10	256QAM	1	25	18.45	18.46	18.42		
10	256QAM	1	49	18.34	18.54	18.47		
10	256QAM	25	0	18.49	18.45	18.52	19.7	1.5
10	256QAM	25	12	18.43	18.38	18.44		
10	256QAM	25	25	18.50	18.51	18.54		
10	256QAM	50	0	18.39	18.46	18.52		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.86	20.05	19.96	21.2	0
5	QPSK	1	12	19.93	19.96	19.99		
5	QPSK	1	24	19.85	20.05	19.99		
5	QPSK	12	0	19.95	19.98	19.97	21.2	0
5	QPSK	12	7	19.96	19.92	19.91		
5	QPSK	12	13	20.03	19.95	20.03		
5	QPSK	25	0	19.93	20.01	19.91		
5	16QAM	1	0	19.91	20.03	19.99	21.2	0
5	16QAM	1	12	19.92	19.96	19.94		
5	16QAM	1	24	20.00	20.07	19.96		
5	16QAM	12	0	19.86	19.94	20.00	21.2	0
5	16QAM	12	7	19.92	20.06	20.00		
5	16QAM	12	13	19.94	20.01	19.94		
5	16QAM	25	0	19.89	20.08	19.87		
5	64QAM	1	0	19.99	19.99	20.03	21.2	0
5	64QAM	1	12	19.87	19.96	20.06		
5	64QAM	1	24	19.86	19.94	19.99		
5	64QAM	12	0	19.89	19.93	19.97	21.2	0
5	64QAM	12	7	19.93	19.96	19.95		
5	64QAM	12	13	19.85	20.06	19.95		
5	64QAM	25	0	20.02	19.98	19.93		
5	256QAM	1	0	18.49	18.52	18.47	19.7	1.5
5	256QAM	1	12	18.37	18.40	18.45		
5	256QAM	1	24	18.36	18.58	18.40		
5	256QAM	12	0	18.41	18.45	18.53	19.7	1.5
5	256QAM	12	7	18.36	18.39	18.45		
5	256QAM	12	13	18.48	18.56	18.43		
5	256QAM	25	0	18.44	18.41	18.45		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.91	20.05	19.97	21.2	0
3	QPSK	1	8	19.92	19.91	19.97		
3	QPSK	1	14	19.88	20.00	20.01		
3	QPSK	8	0	19.97	19.96	19.97	21.2	0
3	QPSK	8	4	19.94	19.94	19.97		
3	QPSK	8	7	19.99	19.99	19.97		
3	QPSK	15	0	19.99	19.95	19.92		
3	16QAM	1	0	19.82	20.03	20.04	21.2	0
3	16QAM	1	8	19.94	19.87	19.86		
3	16QAM	1	14	19.97	19.98	19.98		
3	16QAM	8	0	19.84	19.96	20.00	21.2	0
3	16QAM	8	4	19.84	20.01	20.03		
3	16QAM	8	7	19.89	19.99	19.91		
3	16QAM	15	0	19.89	20.05	19.88		
3	64QAM	1	0	20.03	19.99	19.95	21.2	0
3	64QAM	1	8	19.88	20.01	20.05		
3	64QAM	1	14	19.84	19.94	19.94		
3	64QAM	8	0	19.85	19.96	19.90	21.2	0
3	64QAM	8	4	19.91	19.94	19.92		
3	64QAM	8	7	19.85	19.95	19.98		
3	64QAM	15	0	20.03	19.96	19.92		
3	256QAM	1	0	18.46	18.47	18.41	19.7	1.5
3	256QAM	1	8	18.45	18.39	18.46		
3	256QAM	1	14	18.45	18.50	18.41		
3	256QAM	8	0	18.43	18.49	18.52	19.7	1.5
3	256QAM	8	4	18.46	18.41	18.48		
3	256QAM	8	7	18.48	18.47	18.46		
3	256QAM	15	0	18.40	18.43	18.49		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.82	19.96	20.00	21.2	0
1.4	QPSK	1	3	19.99	19.99	19.95		
1.4	QPSK	1	5	19.91	20.07	19.98		
1.4	QPSK	3	0	19.95	20.01	19.93		
1.4	QPSK	3	1	19.88	20.00	20.00		
1.4	QPSK	3	3	19.95	19.95	20.04		
1.4	QPSK	6	0	19.93	19.96	19.91	21.2	0
1.4	16QAM	1	0	19.82	19.93	20.04	21.2	0
1.4	16QAM	1	3	19.96	19.96	19.94		
1.4	16QAM	1	5	20.02	20.00	19.93		
1.4	16QAM	3	0	19.94	19.93	19.89		
1.4	16QAM	3	1	19.87	19.96	20.00		
1.4	16QAM	3	3	19.88	19.96	19.93		
1.4	16QAM	6	0	19.99	20.10	19.89	21.2	0
1.4	64QAM	1	0	19.96	19.97	20.00	21.2	0
1.4	64QAM	1	3	19.91	19.94	20.00		
1.4	64QAM	1	5	19.81	19.94	19.91		
1.4	64QAM	3	0	19.90	19.95	19.97		
1.4	64QAM	3	1	19.98	19.99	19.90		
1.4	64QAM	3	3	19.87	20.01	19.96		
1.4	64QAM	6	0	19.96	19.99	19.87	21.2	0
1.4	256QAM	1	0	18.44	18.57	18.46	19.7	1.5
1.4	256QAM	1	3	18.38	18.46	18.46		
1.4	256QAM	1	5	18.36	18.57	18.40		
1.4	256QAM	3	0	18.46	18.46	18.51		
1.4	256QAM	3	1	18.47	18.38	18.49		
1.4	256QAM	3	3	18.43	18.45	18.55		
1.4	256QAM	6	0	18.47	18.46	18.49	19.7	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.98	22.16	22.06	23	0
20	QPSK	1	49	22.06	22.05	22.01		
20	QPSK	1	99	22.02	22.11	22.03		
20	QPSK	50	0	22.08	22.07	22.08	23	0
20	QPSK	50	24	22.02	22.06	21.99		
20	QPSK	50	50	22.08	22.05	22.03		
20	QPSK	100	0	22.06	22.05	22.01		
20	16QAM	1	0	21.99	22.07	21.99	23	0
20	16QAM	1	49	22.08	22.05	22.11		
20	16QAM	1	99	22.03	22.06	22.02		
20	16QAM	50	0	21.55	21.64	21.50	22.5	0.5
20	16QAM	50	24	21.51	21.55	21.55		
20	16QAM	50	50	21.50	21.55	21.52		
20	16QAM	100	0	21.55	21.63	21.59		
20	64QAM	1	0	21.51	21.65	21.53	22.5	0.5
20	64QAM	1	49	21.58	21.55	21.58		
20	64QAM	1	99	21.47	21.58	21.57		
20	64QAM	50	0	20.49	20.60	20.55	21.5	1.5
20	64QAM	50	24	20.48	20.57	20.61		
20	64QAM	50	50	20.49	20.58	20.49		
20	64QAM	100	0	20.55	20.64	20.52		
20	256QAM	1	0	18.50	18.64	18.51	19.5	3.5
20	256QAM	1	49	18.48	18.55	18.57		
20	256QAM	1	99	18.52	18.57	18.49		
20	256QAM	50	0	18.56	18.61	18.58	19.5	3.5
20	256QAM	50	24	18.58	18.57	18.51		
20	256QAM	50	50	18.49	18.58	18.60		
20	256QAM	100	0	18.47	18.62	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.93	22.00	21.93	23	0
15	QPSK	1	37	21.95	22.08	21.93		
15	QPSK	1	74	21.86	22.01	21.98		
15	QPSK	36	0	21.92	22.01	22.04	23	0
15	QPSK	36	20	21.93	22.00	21.87		
15	QPSK	36	39	21.95	21.98	21.94		
15	QPSK	75	0	21.97	21.97	21.90		
15	16QAM	1	0	21.86	22.01	21.88	23	0
15	16QAM	1	37	22.00	21.95	22.05		
15	16QAM	1	74	21.88	22.00	21.96		
15	16QAM	36	0	21.41	21.56	21.41	22.5	0.5
15	16QAM	36	20	21.39	21.50	21.49		
15	16QAM	36	39	21.34	21.49	21.40		
15	16QAM	75	0	21.46	21.56	21.50		
15	64QAM	1	0	21.40	21.57	21.42	22.5	0.5
15	64QAM	1	37	21.49	21.44	21.43		
15	64QAM	1	74	21.34	21.48	21.45		
15	64QAM	36	0	20.38	20.53	20.50	21.5	1.5
15	64QAM	36	20	20.36	20.45	20.49		
15	64QAM	36	39	20.43	20.45	20.39		
15	64QAM	75	0	20.40	20.50	20.39		
15	256QAM	1	0	18.36	18.55	18.36	19.5	3.5
15	256QAM	1	37	18.36	18.48	18.50		
15	256QAM	1	74	18.39	18.46	18.38		
15	256QAM	36	0	18.44	18.48	18.49	19.5	3.5
15	256QAM	36	20	18.42	18.42	18.43		
15	256QAM	36	39	18.40	18.50	18.48		
15	256QAM	75	0	18.43	18.53	18.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.92	21.93	21.96	23	0
10	QPSK	1	25	21.91	22.01	21.95		
10	QPSK	1	49	21.90	21.98	21.98		
10	QPSK	25	0	21.93	21.98	21.93	23	0
10	QPSK	25	12	21.96	22.00	21.89		
10	QPSK	25	25	21.93	21.97	21.97		
10	QPSK	50	0	21.91	21.97	21.91		
10	16QAM	1	0	21.94	22.11	21.94	23	0
10	16QAM	1	25	21.99	21.90	22.05		
10	16QAM	1	49	21.93	21.92	21.97		
10	16QAM	25	0	21.47	21.50	21.38	22.5	0.5
10	16QAM	25	12	21.40	21.47	21.42		
10	16QAM	25	25	21.43	21.44	21.38		
10	16QAM	50	0	21.42	21.59	21.55		
10	64QAM	1	0	21.37	21.50	21.49	22.5	0.5
10	64QAM	1	25	21.42	21.47	21.44		
10	64QAM	1	49	21.31	21.48	21.42		
10	64QAM	25	0	20.42	20.53	20.50	21.5	1.5
10	64QAM	25	12	20.33	20.48	20.51		
10	64QAM	25	25	20.39	20.52	20.34		
10	64QAM	50	0	20.45	20.58	20.43		
10	256QAM	1	0	18.38	18.58	18.42	19.5	3.5
10	256QAM	1	25	18.35	18.39	18.47		
10	256QAM	1	49	18.42	18.46	18.34		
10	256QAM	25	0	18.44	18.46	18.51	19.5	3.5
10	256QAM	25	12	18.47	18.53	18.43		
10	256QAM	25	25	18.34	18.53	18.55		
10	256QAM	50	0	18.35	18.57	18.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.83	21.94	21.91	23	0
5	QPSK	1	12	21.97	22.11	21.86		
5	QPSK	1	24	21.89	21.96	21.89		
5	QPSK	12	0	21.93	21.92	21.99	23	0
5	QPSK	12	7	21.88	21.97	21.94		
5	QPSK	12	13	21.93	22.01	21.88		
5	QPSK	25	0	22.01	21.93	21.95		
5	16QAM	1	0	21.88	22.08	21.90	23	0
5	16QAM	1	12	22.01	21.92	22.06		
5	16QAM	1	24	21.88	21.97	21.95		
5	16QAM	12	0	21.46	21.51	21.41	22.5	0.5
5	16QAM	12	7	21.36	21.44	21.41		
5	16QAM	12	13	21.35	21.45	21.48		
5	16QAM	25	0	21.41	21.56	21.50		
5	64QAM	1	0	21.39	21.50	21.47	22.5	0.5
5	64QAM	1	12	21.43	21.48	21.44		
5	64QAM	1	24	21.40	21.53	21.45		
5	64QAM	12	0	20.41	20.50	20.50	21.5	1.5
5	64QAM	12	7	20.34	20.48	20.48		
5	64QAM	12	13	20.38	20.43	20.38		
5	64QAM	25	0	20.45	20.54	20.45		
5	256QAM	1	0	18.42	18.56	18.35	19.5	3.5
5	256QAM	1	12	18.42	18.48	18.53		
5	256QAM	1	24	18.40	18.52	18.40		
5	256QAM	12	0	18.42	18.48	18.47	19.5	3.5
5	256QAM	12	7	18.47	18.49	18.35		
5	256QAM	12	13	18.43	18.44	18.51		
5	256QAM	25	0	18.35	18.53	18.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.92	21.98	21.90	23	0
3	QPSK	1	8	21.97	22.02	21.96		
3	QPSK	1	14	21.93	22.02	21.91		
3	QPSK	8	0	22.01	22.03	21.93	23	0
3	QPSK	8	4	21.90	21.96	21.84		
3	QPSK	8	7	22.00	21.98	21.96		
3	QPSK	15	0	22.01	21.93	21.89		
3	16QAM	1	0	21.92	22.06	21.94	23	0
3	16QAM	1	8	21.95	21.98	22.00		
3	16QAM	1	14	21.92	21.97	21.95		
3	16QAM	8	0	21.50	21.51	21.42	22.5	0.5
3	16QAM	8	4	21.40	21.49	21.39		
3	16QAM	8	7	21.35	21.41	21.48		
3	16QAM	15	0	21.46	21.56	21.48		
3	64QAM	1	0	21.45	21.57	21.38	22.5	0.5
3	64QAM	1	8	21.43	21.50	21.51		
3	64QAM	1	14	21.42	21.53	21.45		
3	64QAM	8	0	20.36	20.49	20.44	21.5	1.5
3	64QAM	8	4	20.40	20.50	20.54		
3	64QAM	8	7	20.34	20.49	20.39		
3	64QAM	15	0	20.47	20.54	20.48		
3	256QAM	1	0	18.39	18.53	18.41	19.5	3.5
3	256QAM	1	8	18.35	18.50	18.41		
3	256QAM	1	14	18.40	18.47	18.43		
3	256QAM	8	0	18.49	18.46	18.44	19.5	3.5
3	256QAM	8	4	18.49	18.51	18.46		
3	256QAM	8	7	18.36	18.53	18.45		
3	256QAM	15	0	18.36	18.51	18.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.94	21.94	21.90	23	0
1.4	QPSK	1	3	21.95	22.05	21.86		
1.4	QPSK	1	5	21.93	22.05	21.94		
1.4	QPSK	3	0	21.98	21.92	22.03		
1.4	QPSK	3	1	21.88	21.97	21.86		
1.4	QPSK	3	3	22.03	22.01	21.96		
1.4	QPSK	6	0	21.97	21.97	21.97	23	0
1.4	16QAM	1	0	21.90	22.07	21.86	23	0
1.4	16QAM	1	3	22.03	21.91	22.06		
1.4	16QAM	1	5	21.90	21.98	21.96		
1.4	16QAM	3	0	21.47	21.56	21.42		
1.4	16QAM	3	1	21.39	21.51	21.42		
1.4	16QAM	3	3	21.43	21.41	21.44		
1.4	16QAM	6	0	21.49	21.55	21.52	23	0
1.4	64QAM	1	0	21.41	21.50	21.45	23	0
1.4	64QAM	1	3	21.53	21.44	21.44		
1.4	64QAM	1	5	21.38	21.50	21.52		
1.4	64QAM	3	0	21.92	21.95	21.98		
1.4	64QAM	3	1	21.97	22.06	21.91		
1.4	64QAM	3	3	21.91	22.06	21.93		
1.4	64QAM	6	0	20.46	20.56	20.44	22	1
1.4	256QAM	1	0	18.39	18.53	18.46	20	3
1.4	256QAM	1	3	18.36	18.41	18.45		
1.4	256QAM	1	5	18.40	18.50	18.34		
1.4	256QAM	3	0	18.50	18.50	18.44		
1.4	256QAM	3	1	18.53	18.44	18.42		
1.4	256QAM	3	3	18.44	18.43	18.52		
1.4	256QAM	6	0	18.33	18.56	18.39	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.55	20.75	20.49	21.5	0
20	QPSK	1	49	20.54	20.60	20.56		
20	QPSK	1	99	20.57	20.68	20.61		
20	QPSK	50	0	20.53	20.67	20.57	21.5	0
20	QPSK	50	24	20.65	20.63	20.56		
20	QPSK	50	50	20.59	20.67	20.56		
20	QPSK	100	0	20.62	20.63	20.58		
20	16QAM	1	0	20.57	20.60	20.55	21.5	0
20	16QAM	1	49	20.55	20.69	20.54		
20	16QAM	1	99	20.59	20.64	20.52		
20	16QAM	50	0	20.58	20.62	20.61	21.5	0
20	16QAM	50	24	20.57	20.61	20.60		
20	16QAM	50	50	20.56	20.67	20.52		
20	16QAM	100	0	20.57	20.71	20.57		
20	64QAM	1	0	20.61	20.67	20.55	21.5	0
20	64QAM	1	49	20.63	20.64	20.51		
20	64QAM	1	99	20.59	20.71	20.60		
20	64QAM	50	0	20.55	20.61	20.52	21.5	0
20	64QAM	50	24	20.62	20.62	20.51		
20	64QAM	50	50	20.62	20.67	20.53		
20	64QAM	100	0	20.56	20.62	20.58		
20	256QAM	1	0	19.63	19.65	19.52	20.5	1
20	256QAM	1	49	19.53	19.69	19.61		
20	256QAM	1	99	19.55	19.62	19.54		
20	256QAM	50	0	19.54	19.64	19.58	20.5	1
20	256QAM	50	24	19.65	19.71	19.56		
20	256QAM	50	50	19.63	19.67	19.52		
20	256QAM	100	0	19.60	19.70	19.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.57	20.36	21.5	0
15	QPSK	1	37	20.45	20.51	20.50		
15	QPSK	1	74	20.46	20.58	20.54		
15	QPSK	36	0	20.39	20.51	20.47	21.5	0
15	QPSK	36	20	20.58	20.51	20.40		
15	QPSK	36	39	20.55	20.52	20.44		
15	QPSK	75	0	20.51	20.49	20.49		
15	16QAM	1	0	20.44	20.46	20.49	21.5	0
15	16QAM	1	37	20.41	20.60	20.42		
15	16QAM	1	74	20.54	20.51	20.48		
15	16QAM	36	0	20.46	20.58	20.54	21.5	0
15	16QAM	36	20	20.44	20.56	20.54		
15	16QAM	36	39	20.49	20.62	20.40		
15	16QAM	75	0	20.42	20.58	20.44		
15	64QAM	1	0	20.53	20.51	20.46	21.5	0
15	64QAM	1	37	20.53	20.58	20.47		
15	64QAM	1	74	20.52	20.57	20.47		
15	64QAM	36	0	20.51	20.50	20.38	21.5	0
15	64QAM	36	20	20.56	20.50	20.46		
15	64QAM	36	39	20.50	20.57	20.47		
15	64QAM	75	0	20.51	20.48	20.45		
15	256QAM	1	0	19.51	19.50	19.36	20.5	1
15	256QAM	1	37	19.39	19.62	19.52		
15	256QAM	1	74	19.40	19.50	19.48		
15	256QAM	36	0	19.40	19.52	19.48	20.5	1
15	256QAM	36	20	19.49	19.64	19.47		
15	256QAM	36	39	19.55	19.62	19.47		
15	256QAM	75	0	19.50	19.54	19.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.40	20.59	20.38	21.5	0
10	QPSK	1	25	20.45	20.51	20.45		
10	QPSK	1	49	20.50	20.53	20.53		
10	QPSK	25	0	20.48	20.56	20.51	21.5	0
10	QPSK	25	12	20.53	20.55	20.44		
10	QPSK	25	25	20.52	20.59	20.51		
10	QPSK	50	0	20.55	20.49	20.53		
10	16QAM	1	0	20.53	20.55	20.48	21.5	0
10	16QAM	1	25	20.45	20.64	20.43		
10	16QAM	1	49	20.48	20.54	20.36		
10	16QAM	25	0	20.52	20.51	20.50	21.5	0
10	16QAM	25	12	20.41	20.53	20.50		
10	16QAM	25	25	20.48	20.54	20.46		
10	16QAM	50	0	20.50	20.65	20.52		
10	64QAM	1	0	20.51	20.62	20.42	21.5	0
10	64QAM	1	25	20.48	20.55	20.41		
10	64QAM	1	49	20.48	20.65	20.54		
10	64QAM	25	0	20.42	20.57	20.40	21.5	0
10	64QAM	25	12	20.50	20.53	20.40		
10	64QAM	25	25	20.51	20.51	20.41		
10	64QAM	50	0	20.43	20.47	20.44		
10	256QAM	1	0	19.58	19.52	19.41	20.5	1
10	256QAM	1	25	19.39	19.61	19.45		
10	256QAM	1	49	19.44	19.51	19.46		
10	256QAM	25	0	19.44	19.51	19.47	20.5	1
10	256QAM	25	12	19.52	19.66	19.44		
10	256QAM	25	25	19.49	19.56	19.43		
10	256QAM	50	0	19.45	19.60	19.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.41	20.57	20.40	21.5	0
5	QPSK	1	12	20.38	20.50	20.45		
5	QPSK	1	24	20.41	20.57	20.47		
5	QPSK	12	0	20.38	20.55	20.49	21.5	0
5	QPSK	12	7	20.51	20.52	20.42		
5	QPSK	12	13	20.46	20.61	20.43		
5	QPSK	25	0	20.49	20.47	20.51		
5	16QAM	1	0	20.51	20.44	20.46	21.5	0
5	16QAM	1	12	20.40	20.59	20.49		
5	16QAM	1	24	20.47	20.53	20.39		
5	16QAM	12	0	20.46	20.50	20.52	21.5	0
5	16QAM	12	7	20.44	20.45	20.47		
5	16QAM	12	13	20.42	20.56	20.42		
5	16QAM	25	0	20.43	20.55	20.42		
5	64QAM	1	0	20.47	20.58	20.49	21.5	0
5	64QAM	1	12	20.57	20.58	20.39		
5	64QAM	1	24	20.49	20.58	20.45		
5	64QAM	12	0	20.41	20.52	20.38	21.5	0
5	64QAM	12	7	20.50	20.47	20.38		
5	64QAM	12	13	20.53	20.57	20.38		
5	64QAM	25	0	20.51	20.54	20.48		
5	256QAM	1	0	19.50	19.55	19.37	20.5	1
5	256QAM	1	12	19.42	19.58	19.50		
5	256QAM	1	24	19.49	19.48	19.42		
5	256QAM	12	0	19.38	19.54	19.53	20.5	1
5	256QAM	12	7	19.59	19.64	19.44		
5	256QAM	12	13	19.58	19.57	19.42		
5	256QAM	25	0	19.51	19.65	19.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.25	20.44	20.49	20.27	20.27	21.4	0
20	QPSK	1	49	20.33	20.41	20.47	20.26	20.29		
20	QPSK	1	99	20.25	20.43	20.37	20.29	20.31		
20	QPSK	50	0	20.33	20.35	20.46	20.31	20.28	21.4	0
20	QPSK	50	24	20.26	20.42	20.45	20.32	20.28		
20	QPSK	50	50	20.32	20.35	20.42	20.29	20.23		
20	QPSK	100	0	20.25	20.43	20.48	20.27	20.27		
20	16QAM	1	0	20.32	20.43	20.36	20.31	20.27	21.4	0
20	16QAM	1	49	20.31	20.33	20.47	20.29	20.21		
20	16QAM	1	99	20.35	20.33	20.44	20.28	20.26		
20	16QAM	50	0	20.35	20.37	20.42	20.35	20.22	21.4	0
20	16QAM	50	24	20.25	20.41	20.47	20.28	20.27		
20	16QAM	50	50	20.37	20.40	20.44	20.31	20.23		
20	16QAM	100	0	20.25	20.43	20.41	20.30	20.25		
20	64QAM	1	0	20.30	20.42	20.38	20.26	20.27	21.4	0
20	64QAM	1	49	20.37	20.41	20.41	20.36	20.31		
20	64QAM	1	99	20.27	20.37	20.37	20.27	20.29		
20	64QAM	50	0	20.29	20.32	20.43	20.37	20.19	21.4	0
20	64QAM	50	24	20.36	20.37	20.36	20.26	20.26		
20	64QAM	50	50	20.30	20.40	20.45	20.27	20.28		
20	64QAM	100	0	20.27	20.33	20.39	20.32	20.21		
20	256QAM	1	0	19.25	19.34	19.42	19.31	19.22	20.4	1
20	256QAM	1	49	19.32	19.40	19.40	19.31	19.31		
20	256QAM	1	99	19.34	19.34	19.46	19.33	19.30		
20	256QAM	50	0	19.32	19.40	19.42	19.37	19.29	20.4	1
20	256QAM	50	24	19.35	19.38	19.39	19.33	19.31		
20	256QAM	50	50	19.31	19.39	19.40	19.27	19.19		
20	256QAM	100	0	19.31	19.37	19.38	19.27	19.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.39	20.32	20.12	20.13	21.40	0
15	QPSK	1	37	20.23	20.27	20.36	20.14	20.21		
15	QPSK	1	74	20.11	20.31	20.22	20.13	20.17		
15	QPSK	36	0	20.23	20.29	20.34	20.21	20.19	21.4	0
15	QPSK	36	20	20.11	20.29	20.35	20.25	20.22		
15	QPSK	36	39	20.25	20.27	20.35	20.19	20.18		
15	QPSK	75	0	20.18	20.37	20.43	20.16	20.16		
15	16QAM	1	0	20.18	20.34	20.22	20.22	20.13	21.4	0
15	16QAM	1	37	20.22	20.22	20.41	20.21	20.09		
15	16QAM	1	74	20.21	20.23	20.32	20.16	20.16		
15	16QAM	36	0	20.22	20.33	20.26	20.27	20.12	21.4	0
15	16QAM	36	20	20.17	20.36	20.33	20.18	20.16		
15	16QAM	36	39	20.29	20.26	20.28	20.22	20.10		
15	16QAM	75	0	20.10	20.35	20.29	20.21	20.13		
15	64QAM	1	0	20.23	20.30	20.24	20.11	20.12	21.4	0
15	64QAM	1	37	20.27	20.32	20.28	20.26	20.24		
15	64QAM	1	74	20.14	20.26	20.27	20.21	20.22		
15	64QAM	36	0	20.19	20.20	20.29	20.33	20.14	21.4	0
15	64QAM	36	20	20.26	20.30	20.23	20.19	20.17		
15	64QAM	36	39	20.26	20.25	20.29	20.12	20.18		
15	64QAM	75	0	20.18	20.24	20.27	20.19	20.14		
15	256QAM	1	0	19.16	19.19	19.32	19.17	19.15	20.4	1
15	256QAM	1	37	19.26	19.32	19.25	19.26	19.18		
15	256QAM	1	74	19.25	19.22	19.36	19.21	19.24		
15	256QAM	36	0	19.23	19.33	19.30	19.30	19.15	20.4	1
15	256QAM	36	20	19.27	19.31	19.30	19.22	19.23		
15	256QAM	36	39	19.23	19.30	19.32	19.15	19.05		
15	256QAM	75	0	19.21	19.31	19.30	19.17	19.14		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.14	20.31	20.34	20.15	20.17	21.40	0
10	QPSK	1	25	20.19	20.29	20.36	20.15	20.14		
10	QPSK	1	49	20.10	20.30	20.29	20.21	20.18		
10	QPSK	25	0	20.25	20.27	20.29	20.18	20.19	21.4	0
10	QPSK	25	12	20.14	20.31	20.38	20.25	20.21		
10	QPSK	25	25	20.20	20.23	20.26	20.24	20.10		
10	QPSK	50	0	20.12	20.31	20.35	20.16	20.15		
10	16QAM	1	0	20.18	20.35	20.26	20.19	20.18	21.4	0
10	16QAM	1	25	20.17	20.21	20.33	20.21	20.05		
10	16QAM	1	49	20.21	20.20	20.29	20.12	20.14		
10	16QAM	25	0	20.29	20.27	20.28	20.23	20.11	21.4	0
10	16QAM	25	12	20.19	20.28	20.38	20.16	20.15		
10	16QAM	25	25	20.32	20.35	20.33	20.19	20.16		
10	16QAM	50	0	20.15	20.34	20.32	20.15	20.10		
10	64QAM	1	0	20.23	20.28	20.24	20.13	20.22	21.4	0
10	64QAM	1	25	20.32	20.27	20.29	20.21	20.24		
10	64QAM	1	49	20.16	20.22	20.32	20.12	20.17		
10	64QAM	25	0	20.17	20.27	20.34	20.29	20.07	21.4	0
10	64QAM	25	12	20.27	20.33	20.27	20.14	20.13		
10	64QAM	25	25	20.17	20.28	20.36	20.19	20.16		
10	64QAM	50	0	20.18	20.26	20.29	20.26	20.14		
10	256QAM	1	0	19.14	19.22	19.37	19.26	19.13	20.4	1
10	256QAM	1	25	19.26	19.25	19.26	19.24	19.19		
10	256QAM	1	49	19.25	19.27	19.36	19.21	19.15		
10	256QAM	25	0	19.21	19.28	19.29	19.28	19.18	20.4	1
10	256QAM	25	12	19.19	19.23	19.34	19.28	19.24		
10	256QAM	25	25	19.23	19.34	19.30	19.12	19.03		
10	256QAM	50	0	19.18	19.25	19.28	19.13	19.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.10	20.33	20.33	20.12	20.22	21.40	0
5	QPSK	1	12	20.19	20.29	20.42	20.19	20.16		
5	QPSK	1	24	20.21	20.36	20.24	20.15	20.21		
5	QPSK	12	0	20.21	20.26	20.30	20.24	20.20	21.4	0
5	QPSK	12	7	20.16	20.35	20.35	20.19	20.16		
5	QPSK	12	13	20.26	20.31	20.34	20.16	20.14		
5	QPSK	25	0	20.19	20.34	20.41	20.19	20.17		
5	16QAM	1	0	20.17	20.28	20.26	20.21	20.11	21.4	0
5	16QAM	1	12	20.27	20.22	20.42	20.14	20.10		
5	16QAM	1	24	20.30	20.26	20.35	20.14	20.15		
5	16QAM	12	0	20.28	20.27	20.37	20.25	20.08	21.4	0
5	16QAM	12	7	20.10	20.27	20.33	20.16	20.16		
5	16QAM	12	13	20.27	20.34	20.38	20.27	20.17		
5	16QAM	25	0	20.19	20.35	20.27	20.17	20.19		
5	64QAM	1	0	20.19	20.26	20.24	20.13	20.15	21.4	0
5	64QAM	1	12	20.26	20.26	20.35	20.30	20.24		
5	64QAM	1	24	20.13	20.21	20.22	20.22	20.16		
5	64QAM	12	0	20.14	20.19	20.30	20.27	20.07	21.4	0
5	64QAM	12	7	20.30	20.33	20.31	20.18	20.21		
5	64QAM	12	13	20.15	20.35	20.30	20.14	20.13		
5	64QAM	25	0	20.14	20.27	20.27	20.26	20.16		
5	256QAM	1	0	19.12	19.24	19.27	19.25	19.08	20.4	1
5	256QAM	1	12	19.25	19.33	19.34	19.16	19.24		
5	256QAM	1	24	19.24	19.26	19.41	19.28	19.15		
5	256QAM	12	0	19.20	19.36	19.36	19.28	19.21	20.4	1
5	256QAM	12	7	19.23	19.33	19.30	19.18	19.17		
5	256QAM	12	13	19.24	19.26	19.30	19.18	19.11		
5	256QAM	25	0	19.19	19.24	19.28	19.15	19.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.73	20.88	20.74	21.5	0
20	QPSK	1	49	20.66	20.83	20.79		
20	QPSK	1	99	20.76	20.79	20.72		
20	QPSK	50	0	20.70	20.83	20.71	21.5	0
20	QPSK	50	24	20.67	20.78	20.79		
20	QPSK	50	50	20.76	20.80	20.75		
20	QPSK	100	0	20.76	20.80	20.74		
20	16QAM	1	0	20.65	20.79	20.70	21.5	0
20	16QAM	1	49	20.76	20.73	20.70		
20	16QAM	1	99	20.70	20.84	20.69		
20	16QAM	50	0	20.75	20.84	20.76	21.5	0
20	16QAM	50	24	20.69	20.81	20.72		
20	16QAM	50	50	20.70	20.83	20.78		
20	16QAM	100	0	20.74	20.77	20.76		
20	64QAM	1	0	20.67	20.85	20.78	21.5	0
20	64QAM	1	49	20.76	20.75	20.76		
20	64QAM	1	99	20.75	20.74	20.77		
20	64QAM	50	0	20.74	20.79	20.75	21.5	0
20	64QAM	50	24	20.68	20.78	20.78		
20	64QAM	50	50	20.72	20.81	20.72		
20	64QAM	100	0	20.71	20.82	20.69		
20	256QAM	1	0	19.69	19.84	19.79	20.5	1
20	256QAM	1	49	19.73	19.75	19.70		
20	256QAM	1	99	19.73	19.74	19.76		
20	256QAM	50	0	19.73	19.84	19.79	20.5	1
20	256QAM	50	24	19.70	19.81	19.77		
20	256QAM	50	50	19.76	19.84	19.72		
20	256QAM	100	0	19.72	19.76	19.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.60	20.64	20.65	21.5	0
15	QPSK	1	37	20.55	20.73	20.64		
15	QPSK	1	74	20.65	20.68	20.63		
15	QPSK	36	0	20.62	20.78	20.56	21.5	0
15	QPSK	36	20	20.55	20.73	20.74		
15	QPSK	36	39	20.65	20.69	20.69		
15	QPSK	75	0	20.68	20.75	20.60		
15	16QAM	1	0	20.57	20.67	20.60	21.5	0
15	16QAM	1	37	20.71	20.67	20.66		
15	16QAM	1	74	20.54	20.72	20.59		
15	16QAM	36	0	20.60	20.71	20.63	21.5	0
15	16QAM	36	20	20.65	20.71	20.57		
15	16QAM	36	39	20.58	20.74	20.71		
15	16QAM	75	0	20.58	20.68	20.62		
15	64QAM	1	0	20.51	20.76	20.69	21.5	0
15	64QAM	1	37	20.61	20.62	20.70		
15	64QAM	1	74	20.70	20.65	20.65		
15	64QAM	36	0	20.69	20.69	20.66	21.5	0
15	64QAM	36	20	20.53	20.65	20.70		
15	64QAM	36	39	20.67	20.76	20.66		
15	64QAM	75	0	20.59	20.68	20.63		
15	256QAM	1	0	19.56	19.73	19.70	20.5	1
15	256QAM	1	37	19.67	19.64	19.54		
15	256QAM	1	74	19.67	19.70	19.71		
15	256QAM	36	0	19.62	19.72	19.64	20.5	1
15	256QAM	36	20	19.56	19.67	19.61		
15	256QAM	36	39	19.64	19.77	19.65		
15	256QAM	75	0	19.59	19.63	19.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.63	20.61	20.68	21.5	0
10	QPSK	1	25	20.59	20.77	20.70		
10	QPSK	1	49	20.69	20.73	20.66		
10	QPSK	25	0	20.61	20.70	20.57	21.5	0
10	QPSK	25	12	20.61	20.63	20.64		
10	QPSK	25	25	20.64	20.69	20.67		
10	QPSK	50	0	20.61	20.67	20.68		
10	16QAM	1	0	20.51	20.65	20.54	21.5	0
10	16QAM	1	25	20.70	20.67	20.63		
10	16QAM	1	49	20.60	20.68	20.61		
10	16QAM	25	0	20.68	20.75	20.61	21.5	0
10	16QAM	25	12	20.57	20.69	20.63		
10	16QAM	25	25	20.54	20.68	20.67		
10	16QAM	50	0	20.69	20.67	20.63		
10	64QAM	1	0	20.53	20.72	20.68	21.5	0
10	64QAM	1	25	20.69	20.70	20.68		
10	64QAM	1	49	20.66	20.68	20.72		
10	64QAM	25	0	20.65	20.65	20.70	21.5	0
10	64QAM	25	12	20.52	20.65	20.66		
10	64QAM	25	25	20.60	20.76	20.65		
10	64QAM	50	0	20.60	20.73	20.64		
10	256QAM	1	0	19.58	19.70	19.63	20.5	1
10	256QAM	1	25	19.58	19.66	19.66		
10	256QAM	1	49	19.60	19.63	19.65		
10	256QAM	25	0	19.61	19.71	19.64	20.5	1
10	256QAM	25	12	19.66	19.70	19.63		
10	256QAM	25	25	19.65	19.71	19.67		
10	256QAM	50	0	19.56	19.71	19.65		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.61	20.60	20.61	21.5	0
5	QPSK	1	12	20.58	20.78	20.66		
5	QPSK	1	24	20.70	20.69	20.62		
5	QPSK	12	0	20.62	20.69	20.66	21.5	0
5	QPSK	12	7	20.56	20.70	20.71		
5	QPSK	12	13	20.70	20.67	20.63		
5	QPSK	25	0	20.64	20.65	20.68		
5	16QAM	1	0	20.52	20.64	20.55	21.5	0
5	16QAM	1	12	20.67	20.61	20.55		
5	16QAM	1	24	20.61	20.74	20.63		
5	16QAM	12	0	20.68	20.72	20.66	21.5	0
5	16QAM	12	7	20.54	20.71	20.64		
5	16QAM	12	13	20.60	20.70	20.67		
5	16QAM	25	0	20.66	20.67	20.63		
5	64QAM	1	0	20.62	20.74	20.65	21.5	0
5	64QAM	1	12	20.70	20.63	20.62		
5	64QAM	1	24	20.60	20.67	20.67		
5	64QAM	12	0	20.62	20.73	20.69	21.5	0
5	64QAM	12	7	20.59	20.63	20.70		
5	64QAM	12	13	20.57	20.67	20.64		
5	64QAM	25	0	20.63	20.76	20.53		
5	256QAM	1	0	19.60	19.78	19.68	20.5	1
5	256QAM	1	12	19.68	19.67	19.65		
5	256QAM	1	24	19.63	19.63	19.64		
5	256QAM	12	0	19.62	19.70	19.74	20.5	1
5	256QAM	12	7	19.55	19.72	19.73		
5	256QAM	12	13	19.62	19.69	19.61		
5	256QAM	25	0	19.67	19.66	19.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.88	18.98	18.73	18.78	19.9	0
20	QPSK	1	49	18.91	18.89	18.76	18.81		
20	QPSK	1	99	18.89	18.82	18.74	18.83		
20	QPSK	50	0	18.89	18.93	18.81	18.81	19.9	0
20	QPSK	50	24	18.83	18.84	18.73	18.84		
20	QPSK	50	50	18.81	18.90	18.80	18.79		
20	QPSK	100	0	18.87	18.88	18.73	18.77		
20	16QAM	1	0	18.88	18.83	18.81	18.80	19.9	0
20	16QAM	1	49	18.80	18.85	18.72	18.80		
20	16QAM	1	99	18.89	18.90	18.74	18.78		
20	16QAM	50	0	18.90	18.84	18.73	18.85	19.9	0
20	16QAM	50	24	18.90	18.80	18.78	18.84		
20	16QAM	50	50	18.80	18.84	18.82	18.84		
20	16QAM	100	0	18.79	18.84	18.76	18.85		
20	64QAM	1	0	18.81	18.84	18.74	18.85	19.9	0
20	64QAM	1	49	18.88	18.81	18.84	18.81		
20	64QAM	1	99	18.89	18.88	18.83	18.85		
20	64QAM	50	0	18.85	18.84	18.72	18.84	19.9	0
20	64QAM	50	24	18.85	18.84	18.78	18.75		
20	64QAM	50	50	18.86	18.85	18.77	18.80		
20	64QAM	100	0	18.84	18.84	18.80	18.85		
20	256QAM	1	0	18.36	18.34	18.28	18.32	19.4	0.5
20	256QAM	1	49	18.32	18.39	18.25	18.30		
20	256QAM	1	99	18.34	18.35	18.31	18.33		
20	256QAM	50	0	18.39	18.32	18.28	18.29	19.4	0.5
20	256QAM	50	24	18.31	18.33	18.33	18.28		
20	256QAM	50	50	18.35	18.31	18.23	18.29		
20	256QAM	100	0	18.33	18.33	18.28	18.24		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.77	18.84	18.68	18.69	19.9	0
15	QPSK	1	37	18.84	18.81	18.68	18.68		
15	QPSK	1	74	18.79	18.75	18.66	18.68		
15	QPSK	36	0	18.74	18.69	18.74	18.68	19.9	0
15	QPSK	36	20	18.74	18.70	18.66	18.69		
15	QPSK	36	39	18.67	18.83	18.70	18.67		
15	QPSK	75	0	18.79	18.80	18.66	18.67		
15	16QAM	1	0	18.81	18.71	18.67	18.68	19.9	0
15	16QAM	1	37	18.67	18.74	18.57	18.72		
15	16QAM	1	74	18.80	18.78	18.64	18.64		
15	16QAM	36	0	18.82	18.70	18.66	18.76	19.9	0
15	16QAM	36	20	18.74	18.76	18.65	18.78		
15	16QAM	36	39	18.71	18.74	18.68	18.73		
15	16QAM	75	0	18.72	18.72	18.60	18.71		
15	64QAM	1	0	18.66	18.76	18.68	18.69	19.9	0
15	64QAM	1	37	18.84	18.71	18.70	18.69		
15	64QAM	1	74	18.78	18.72	18.77	18.80		
15	64QAM	36	0	18.74	18.74	18.68	18.73	19.9	0
15	64QAM	36	20	18.75	18.74	18.64	18.69		
15	64QAM	36	39	18.79	18.78	18.72	18.66		
15	64QAM	75	0	18.75	18.76	18.65	18.73		
15	256QAM	1	0	18.20	18.24	18.21	18.21	19.4	0.5
15	256QAM	1	37	18.27	18.27	18.09	18.22		
15	256QAM	1	74	18.23	18.26	18.16	18.20		
15	256QAM	36	0	18.35	18.22	18.21	18.21	19.4	0.5
15	256QAM	36	20	18.18	18.18	18.28	18.16		
15	256QAM	36	39	18.24	18.25	18.16	18.22		
15	256QAM	75	0	18.23	18.25	18.20	18.15		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.78	18.82	18.69	18.73	19.9	0
10	QPSK	1	25	18.80	18.84	18.61	18.71		
10	QPSK	1	49	18.76	18.67	18.67	18.73		
10	QPSK	25	0	18.79	18.70	18.69	18.69	19.9	0
10	QPSK	25	12	18.69	18.77	18.66	18.68		
10	QPSK	25	25	18.68	18.80	18.71	18.68		
10	QPSK	50	0	18.76	18.78	18.63	18.67		
10	16QAM	1	0	18.80	18.73	18.68	18.71	19.9	0
10	16QAM	1	25	18.65	18.78	18.67	18.73		
10	16QAM	1	49	18.73	18.84	18.66	18.69		
10	16QAM	25	0	18.75	18.69	18.62	18.78	19.9	0
10	16QAM	25	12	18.86	18.64	18.71	18.74		
10	16QAM	25	25	18.69	18.71	18.71	18.69		
10	16QAM	50	0	18.67	18.72	18.70	18.72		
10	64QAM	1	0	18.67	18.79	18.69	18.78	19.9	0
10	64QAM	1	25	18.79	18.74	18.71	18.73		
10	64QAM	1	49	18.78	18.80	18.74	18.81		
10	64QAM	25	0	18.74	18.75	18.62	18.76	19.9	0
10	64QAM	25	12	18.78	18.72	18.68	18.60		
10	64QAM	25	25	18.76	18.78	18.67	18.72		
10	64QAM	50	0	18.75	18.76	18.68	18.76		
10	256QAM	1	0	18.29	18.28	18.23	18.22	19.4	0.5
10	256QAM	1	25	18.18	18.26	18.11	18.15		
10	256QAM	1	49	18.24	18.29	18.24	18.26		
10	256QAM	25	0	18.25	18.21	18.19	18.25	19.4	0.5
10	256QAM	25	12	18.17	18.23	18.26	18.14		
10	256QAM	25	25	18.27	18.22	18.19	18.21		
10	256QAM	50	0	18.24	18.17	18.22	18.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.75	18.88	18.58	18.67	19.9	0
5	QPSK	1	12	18.83	18.80	18.64	18.72		
5	QPSK	1	24	18.83	18.69	18.66	18.72		
5	QPSK	12	0	18.80	18.76	18.77	18.67	19.9	0
5	QPSK	12	7	18.76	18.73	18.63	18.71		
5	QPSK	12	13	18.76	18.76	18.64	18.69		
5	QPSK	25	0	18.80	18.72	18.59	18.64		
5	16QAM	1	0	18.80	18.70	18.74	18.73	19.9	0
5	16QAM	1	12	18.69	18.70	18.60	18.68		
5	16QAM	1	24	18.81	18.80	18.60	18.64		
5	16QAM	12	0	18.84	18.69	18.63	18.76	19.9	0
5	16QAM	12	7	18.76	18.72	18.66	18.69		
5	16QAM	12	13	18.68	18.77	18.77	18.74		
5	16QAM	25	0	18.75	18.76	18.61	18.70		
5	64QAM	1	0	18.76	18.79	18.66	18.72	19.9	0
5	64QAM	1	12	18.83	18.68	18.71	18.70		
5	64QAM	1	24	18.84	18.83	18.78	18.78		
5	64QAM	12	0	18.78	18.69	18.60	18.68	19.9	0
5	64QAM	12	7	18.77	18.69	18.64	18.60		
5	64QAM	12	13	18.78	18.79	18.67	18.70		
5	64QAM	25	0	18.69	18.69	18.69	18.74		
5	256QAM	1	0	18.29	18.29	18.22	18.20	19.4	0.5
5	256QAM	1	12	18.18	18.29	18.14	18.18		
5	256QAM	1	24	18.27	18.25	18.24	18.27		
5	256QAM	12	0	18.26	18.16	18.20	18.21	19.4	0.5
5	256QAM	12	7	18.16	18.28	18.19	18.19		
5	256QAM	12	13	18.21	18.21	18.07	18.24		
5	256QAM	25	0	18.22	18.19	18.13	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.70	20.93	20.78	22	0
20	QPSK	1	49	20.74	20.77	20.66		
20	QPSK	1	99	20.67	20.77	20.63		
20	QPSK	50	0	20.78	20.91	20.75	22	0
20	QPSK	50	24	20.76	20.76	20.72		
20	QPSK	50	50	20.77	20.90	20.69		
20	QPSK	100	0	20.69	20.83	20.66		
20	16QAM	1	0	20.63	20.75	20.76	22	0
20	16QAM	1	49	20.76	20.85	20.74		
20	16QAM	1	99	20.78	20.81	20.77		
20	16QAM	50	0	20.76	20.87	20.67	22	0
20	16QAM	50	24	20.79	20.77	20.65		
20	16QAM	50	50	20.77	20.80	20.72		
20	16QAM	100	0	20.65	20.76	20.76		
20	64QAM	1	0	20.63	20.87	20.68	22	0
20	64QAM	1	49	20.71	20.77	20.78		
20	64QAM	1	99	20.75	20.76	20.71		
20	64QAM	50	0	20.14	20.29	20.25	21.5	0.5
20	64QAM	50	24	20.20	20.30	20.13		
20	64QAM	50	50	20.20	20.32	20.20		
20	64QAM	100	0	20.18	20.32	20.27		
20	256QAM	1	0	18.15	18.26	18.16	19.5	2.5
20	256QAM	1	49	18.27	18.31	18.22		
20	256QAM	1	99	18.28	18.36	18.15		
20	256QAM	50	0	18.16	18.35	18.25	19.5	2.5
20	256QAM	50	24	18.14	18.28	18.25		
20	256QAM	50	50	18.23	18.39	18.13		
20	256QAM	100	0	18.26	18.31	18.19		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.57	20.76	20.67	22	0
15	QPSK	1	37	20.62	20.67	20.57		
15	QPSK	1	74	20.60	20.62	20.61		
15	QPSK	36	0	20.60	20.81	20.70	22	0
15	QPSK	36	20	20.72	20.61	20.56		
15	QPSK	36	39	20.73	20.84	20.52		
15	QPSK	75	0	20.64	20.79	20.63		
15	16QAM	1	0	20.54	20.58	20.61	22	0
15	16QAM	1	37	20.58	20.70	20.64		
15	16QAM	1	74	20.65	20.71	20.71		
15	16QAM	36	0	20.72	20.76	20.54	22	0
15	16QAM	36	20	20.73	20.61	20.60		
15	16QAM	36	39	20.67	20.62	20.60		
15	16QAM	75	0	20.61	20.73	20.68		
15	64QAM	1	0	20.58	20.70	20.62	22	0
15	64QAM	1	37	20.63	20.74	20.73		
15	64QAM	1	74	20.64	20.59	20.61		
15	64QAM	36	0	19.99	20.24	20.10	21.5	0.5
15	64QAM	36	20	20.11	20.17	20.05		
15	64QAM	36	39	20.15	20.18	20.08		
15	64QAM	75	0	20.02	20.15	20.25		
15	256QAM	1	0	18.05	18.17	18.08	19.5	2.5
15	256QAM	1	37	18.12	18.27	18.09		
15	256QAM	1	74	18.17	18.20	18.13		
15	256QAM	36	0	18.05	18.28	18.15	19.5	2.5
15	256QAM	36	20	18.08	18.20	18.20		
15	256QAM	36	39	18.13	18.36	18.09		
15	256QAM	75	0	18.22	18.27	18.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.62	20.75	20.66	22	0
10	QPSK	1	25	20.70	20.68	20.51		
10	QPSK	1	49	20.58	20.60	20.59		
10	QPSK	25	0	20.70	20.69	20.72	22	0
10	QPSK	25	12	20.68	20.65	20.66		
10	QPSK	25	25	20.73	20.80	20.52		
10	QPSK	50	0	20.62	20.77	20.63		
10	16QAM	1	0	20.59	20.59	20.61	22	0
10	16QAM	1	25	20.65	20.67	20.58		
10	16QAM	1	49	20.67	20.68	20.65		
10	16QAM	25	0	20.60	20.69	20.59	22	0
10	16QAM	25	12	20.65	20.66	20.58		
10	16QAM	25	25	20.63	20.66	20.69		
10	16QAM	50	0	20.53	20.63	20.58		
10	64QAM	1	0	20.47	20.69	20.58	22	0
10	64QAM	1	25	20.56	20.61	20.73		
10	64QAM	1	49	20.69	20.66	20.63		
10	64QAM	25	0	20.07	20.13	20.14	21.5	0.5
10	64QAM	25	12	20.12	20.21	19.99		
10	64QAM	25	25	20.04	20.30	20.04		
10	64QAM	50	0	20.06	20.16	20.12		
10	256QAM	1	0	17.97	18.19	18.03	19.5	2.5
10	256QAM	1	25	18.12	18.24	18.16		
10	256QAM	1	49	18.21	18.32	18.01		
10	256QAM	25	0	18.06	18.19	18.16	19.5	2.5
10	256QAM	25	12	18.00	18.22	18.16		
10	256QAM	25	25	18.19	18.30	17.95		
10	256QAM	50	0	18.22	18.15	18.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.55	20.80	20.67	22	0
5	QPSK	1	12	20.69	20.64	20.51		
5	QPSK	1	24	20.50	20.67	20.54		
5	QPSK	12	0	20.72	20.73	20.60	22	0
5	QPSK	12	7	20.71	20.67	20.57		
5	QPSK	12	13	20.62	20.77	20.66		
5	QPSK	25	0	20.59	20.76	20.57		
5	16QAM	1	0	20.55	20.73	20.73	22	0
5	16QAM	1	12	20.62	20.81	20.68		
5	16QAM	1	24	20.65	20.63	20.70		
5	16QAM	12	0	20.71	20.80	20.49	22	0
5	16QAM	12	7	20.62	20.73	20.56		
5	16QAM	12	13	20.64	20.69	20.63		
5	16QAM	25	0	20.52	20.64	20.71		
5	64QAM	1	0	20.61	20.73	20.63	22	0
5	64QAM	1	12	20.57	20.72	20.75		
5	64QAM	1	24	20.62	20.71	20.59		
5	64QAM	12	0	20.08	20.16	20.09	21.5	0.5
5	64QAM	12	7	20.10	20.17	20.03		
5	64QAM	12	13	20.06	20.16	20.06		
5	64QAM	25	0	20.02	20.15	20.20		
5	256QAM	1	0	17.97	18.15	18.07	19.5	2.5
5	256QAM	1	12	18.12	18.16	18.14		
5	256QAM	1	24	18.19	18.29	18.09		
5	256QAM	12	0	18.02	18.32	18.17	19.5	2.5
5	256QAM	12	7	18.12	18.23	18.09		
5	256QAM	12	13	18.05	18.36	17.99		
5	256QAM	25	0	18.24	18.14	18.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.62	20.80	20.72	22	0
3	QPSK	1	8	20.61	20.70	20.63		
3	QPSK	1	14	20.61	20.59	20.46		
3	QPSK	8	0	20.75	20.67	20.62	22	0
3	QPSK	8	4	20.61	20.59	20.55		
3	QPSK	8	7	20.74	20.72	20.63		
3	QPSK	15	0	20.54	20.75	20.58		
3	16QAM	1	0	20.56	20.60	20.59	22	0
3	16QAM	1	8	20.72	20.76	20.60		
3	16QAM	1	14	20.60	20.70	20.61		
3	16QAM	8	0	20.61	20.79	20.56	22	0
3	16QAM	8	4	20.64	20.65	20.53		
3	16QAM	8	7	20.65	20.67	20.68		
3	16QAM	15	0	20.54	20.59	20.63		
3	64QAM	1	0	20.56	20.80	20.58	22	0
3	64QAM	1	8	20.60	20.67	20.64		
3	64QAM	1	14	20.70	20.60	20.68		
3	64QAM	8	0	20.03	20.26	20.20	21.5	0.5
3	64QAM	8	4	20.11	20.19	19.99		
3	64QAM	8	7	20.16	20.28	20.15		
3	64QAM	15	0	20.12	20.15	20.10		
3	256QAM	1	0	17.99	18.11	18.09	19.5	2.5
3	256QAM	1	8	18.16	18.25	18.09		
3	256QAM	1	14	18.25	18.20	18.08		
3	256QAM	8	0	18.12	18.21	18.11	19.5	2.5
3	256QAM	8	4	18.01	18.13	18.13		
3	256QAM	8	7	18.05	18.25	18.10		
3	256QAM	15	0	18.23	18.20	18.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.61	20.76	20.61	22	0
1.4	QPSK	1	3	20.57	20.71	20.59		
1.4	QPSK	1	5	20.55	20.59	20.55		
1.4	QPSK	3	0	20.61	20.72	20.68		
1.4	QPSK	3	1	20.73	20.59	20.61		
1.4	QPSK	3	3	20.63	20.78	20.55		
1.4	QPSK	6	0	20.65	20.67	20.48	22	0
1.4	16QAM	1	0	20.50	20.69	20.68	22	0
1.4	16QAM	1	3	20.67	20.83	20.62		
1.4	16QAM	1	5	20.71	20.73	20.62		
1.4	16QAM	3	0	20.59	20.69	20.61		
1.4	16QAM	3	1	20.71	20.73	20.47		
1.4	16QAM	3	3	20.72	20.64	20.67		
1.4	16QAM	6	0	20.60	20.73	20.64	22	0
1.4	64QAM	1	0	20.54	20.74	20.58	22	0
1.4	64QAM	1	3	20.67	20.67	20.76		
1.4	64QAM	1	5	20.68	20.64	20.66		
1.4	64QAM	3	0	20.03	20.23	20.20		
1.4	64QAM	3	1	20.17	20.19	20.05		
1.4	64QAM	3	3	20.10	20.17	20.06		
1.4	64QAM	6	0	19.68	19.81	19.71	21.5	0.5
1.4	256QAM	1	0	18.00	18.09	18.13	19.5	2.5
1.4	256QAM	1	3	18.17	18.19	18.18		
1.4	256QAM	1	5	18.24	18.32	18.09		
1.4	256QAM	3	0	18.13	18.30	18.20		
1.4	256QAM	3	1	18.03	18.12	18.17		
1.4	256QAM	3	3	18.19	18.23	18.03		
1.4	256QAM	6	0	18.18	18.16	18.06	19.5	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.38	19.61	19.37	20.3	0
20	QPSK	1	49	19.52	19.47	19.43		
20	QPSK	1	99	19.37	19.54	19.42		
20	QPSK	50	0	19.43	19.55	19.46	20.3	0
20	QPSK	50	24	19.51	19.43	19.46		
20	QPSK	50	50	19.41	19.53	19.35		
20	QPSK	100	0	19.42	19.50	19.42		
20	16QAM	1	0	19.48	19.53	19.34	20.3	0
20	16QAM	1	49	19.38	19.56	19.43		
20	16QAM	1	99	19.39	19.54	19.39		
20	16QAM	50	0	19.44	19.45	19.48	20.3	0
20	16QAM	50	24	19.48	19.58	19.42		
20	16QAM	50	50	19.46	19.56	19.33		
20	16QAM	100	0	19.50	19.42	19.44		
20	64QAM	1	0	19.51	19.58	19.41	20.3	0
20	64QAM	1	49	19.52	19.49	19.35		
20	64QAM	1	99	19.42	19.54	19.33		
20	64QAM	50	0	19.39	19.46	19.42	20.3	0
20	64QAM	50	24	19.50	19.57	19.39		
20	64QAM	50	50	19.48	19.48	19.43		
20	64QAM	100	0	19.51	19.49	19.37		
20	256QAM	1	0	17.93	18.06	17.93	18.8	1.5
20	256QAM	1	49	18.00	17.92	17.83		
20	256QAM	1	99	17.98	18.08	17.88		
20	256QAM	50	0	17.91	17.93	17.98	18.8	1.5
20	256QAM	50	24	17.87	17.96	17.89		
20	256QAM	50	50	17.94	18.07	17.97		
20	256QAM	100	0	18.00	18.02	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.26	19.33	19.28	20.3	0
15	QPSK	1	37	19.44	19.32	19.41		
15	QPSK	1	74	19.25	19.46	19.34		
15	QPSK	36	0	19.25	19.31	19.43	20.3	0
15	QPSK	36	20	19.34	19.29	19.35		
15	QPSK	36	39	19.38	19.40	19.24		
15	QPSK	75	0	19.29	19.37	19.26		
15	16QAM	1	0	19.42	19.35	19.20	20.3	0
15	16QAM	1	37	19.24	19.43	19.28		
15	16QAM	1	74	19.23	19.44	19.29		
15	16QAM	36	0	19.26	19.28	19.40	20.3	0
15	16QAM	36	20	19.30	19.49	19.32		
15	16QAM	36	39	19.42	19.51	19.25		
15	16QAM	75	0	19.46	19.29	19.37		
15	64QAM	1	0	19.48	19.44	19.31	20.3	0
15	64QAM	1	37	19.37	19.36	19.32		
15	64QAM	1	74	19.27	19.38	19.21		
15	64QAM	36	0	19.28	19.37	19.35	20.3	0
15	64QAM	36	20	19.47	19.45	19.27		
15	64QAM	36	39	19.40	19.37	19.39		
15	64QAM	75	0	19.41	19.45	19.30		
15	256QAM	1	0	17.76	17.95	17.78	18.8	1.5
15	256QAM	1	37	17.95	17.75	17.72		
15	256QAM	1	74	17.85	18.05	17.71		
15	256QAM	36	0	17.86	17.89	17.86	18.8	1.5
15	256QAM	36	20	17.83	17.80	17.78		
15	256QAM	36	39	17.88	17.96	17.92		
15	256QAM	75	0	17.96	17.91	17.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.22	19.42	19.24	20.3	0
10	QPSK	1	25	19.47	19.35	19.40		
10	QPSK	1	49	19.33	19.44	19.36		
10	QPSK	25	0	19.38	19.34	19.29	20.3	0
10	QPSK	25	12	19.47	19.26	19.32		
10	QPSK	25	25	19.38	19.38	19.29		
10	QPSK	50	0	19.35	19.42	19.28		
10	16QAM	1	0	19.42	19.48	19.31	20.3	0
10	16QAM	1	25	19.28	19.53	19.33		
10	16QAM	1	49	19.30	19.38	19.33		
10	16QAM	25	0	19.27	19.35	19.43	20.3	0
10	16QAM	25	12	19.45	19.45	19.38		
10	16QAM	25	25	19.40	19.40	19.29		
10	16QAM	50	0	19.42	19.35	19.30		
10	64QAM	1	0	19.46	19.54	19.27	20.3	0
10	64QAM	1	25	19.35	19.31	19.19		
10	64QAM	1	49	19.30	19.38	19.16		
10	64QAM	25	0	19.22	19.33	19.36	20.3	0
10	64QAM	25	12	19.44	19.54	19.29		
10	64QAM	25	25	19.34	19.43	19.28		
10	64QAM	50	0	19.45	19.33	19.33		
10	256QAM	1	0	17.91	17.98	17.81	18.8	1.5
10	256QAM	1	25	17.87	17.85	17.69		
10	256QAM	1	49	17.90	17.95	17.75		
10	256QAM	25	0	17.80	17.83	17.90	18.8	1.5
10	256QAM	25	12	17.80	17.79	17.79		
10	256QAM	25	25	17.88	17.97	17.80		
10	256QAM	50	0	17.96	17.85	17.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.24	19.28	19.28	20.3	0
5	QPSK	1	12	19.48	19.37	19.36		
5	QPSK	1	24	19.30	19.44	19.28		
5	QPSK	12	0	19.33	19.40	19.33	20.3	0
5	QPSK	12	7	19.46	19.27	19.42		
5	QPSK	12	13	19.30	19.49	19.20		
5	QPSK	25	0	19.33	19.34	19.35		
5	16QAM	1	0	19.45	19.50	19.29	20.3	0
5	16QAM	1	12	19.27	19.41	19.30		
5	16QAM	1	24	19.36	19.51	19.30		
5	16QAM	12	0	19.32	19.38	19.34	20.3	0
5	16QAM	12	7	19.40	19.56	19.27		
5	16QAM	12	13	19.31	19.44	19.18		
5	16QAM	25	0	19.34	19.39	19.40		
5	64QAM	1	0	19.36	19.43	19.35	20.3	0
5	64QAM	1	12	19.41	19.33	19.24		
5	64QAM	1	24	19.28	19.50	19.27		
5	64QAM	12	0	19.36	19.30	19.26	20.3	0
5	64QAM	12	7	19.37	19.45	19.26		
5	64QAM	12	13	19.40	19.39	19.31		
5	64QAM	25	0	19.36	19.37	19.31		
5	256QAM	1	0	17.89	17.90	17.83	18.8	1.5
5	256QAM	1	12	17.90	17.83	17.69		
5	256QAM	1	24	17.81	17.96	17.71		
5	256QAM	12	0	17.80	17.82	17.94	18.8	1.5
5	256QAM	12	7	17.77	17.82	17.80		
5	256QAM	12	13	17.79	17.92	17.95		
5	256QAM	25	0	17.89	17.95	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.81	21.97	21.81	23	0
20	QPSK	1	49	21.92	21.90	21.82		
20	QPSK	1	99	21.83	21.91	21.87		
20	QPSK	50	0	21.90	21.96	21.88	23	0
20	QPSK	50	24	21.83	21.84	21.95		
20	QPSK	50	50	21.93	21.85	21.89		
20	QPSK	100	0	21.82	21.91	21.90		
20	16QAM	1	0	21.90	21.95	21.96	23	0
20	16QAM	1	49	21.88	21.89	21.91		
20	16QAM	1	99	21.82	21.91	21.93		
20	16QAM	50	0	21.35	21.45	21.35	22.5	0.5
20	16QAM	50	24	21.30	21.44	21.24		
20	16QAM	50	50	21.25	21.43	21.31		
20	16QAM	100	0	21.29	21.52	21.25		
20	64QAM	1	0	21.35	21.41	21.28	22.5	0.5
20	64QAM	1	49	21.34	21.52	21.27		
20	64QAM	1	99	21.24	21.51	21.38		
20	64QAM	50	0	20.25	20.42	20.28	21.5	1.5
20	64QAM	50	24	20.37	20.53	20.30		
20	64QAM	50	50	20.27	20.43	20.29		
20	64QAM	100	0	20.38	20.48	20.29		
20	256QAM	1	0	18.27	18.47	18.32	19.5	3.5
20	256QAM	1	49	18.31	18.49	18.37		
20	256QAM	1	99	18.37	18.39	18.26		
20	256QAM	50	0	18.30	18.47	18.24	19.5	3.5
20	256QAM	50	24	18.28	18.54	18.29		
20	256QAM	50	50	18.34	18.48	18.33		
20	256QAM	100	0	18.33	18.55	18.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.71	21.90	21.68	23	0
15	QPSK	1	37	21.78	21.87	21.75		
15	QPSK	1	74	21.65	21.81	21.75		
15	QPSK	36	0	21.81	21.85	21.84	23	0
15	QPSK	36	20	21.70	21.73	21.77		
15	QPSK	36	39	21.76	21.67	21.78		
15	QPSK	75	0	21.72	21.86	21.82		
15	16QAM	1	0	21.81	21.78	21.79	23	0
15	16QAM	1	37	21.81	21.76	21.76		
15	16QAM	1	74	21.76	21.73	21.81		
15	16QAM	36	0	21.27	21.34	21.26	22.5	0.5
15	16QAM	36	20	21.20	21.31	21.14		
15	16QAM	36	39	21.13	21.27	21.27		
15	16QAM	75	0	21.19	21.49	21.22		
15	64QAM	1	0	21.23	21.37	21.23	22.5	0.5
15	64QAM	1	37	21.28	21.42	21.20		
15	64QAM	1	74	21.20	21.42	21.35		
15	64QAM	36	0	20.10	20.24	20.21	21.5	1.5
15	64QAM	36	20	20.21	20.43	20.20		
15	64QAM	36	39	20.22	20.36	20.22		
15	64QAM	75	0	20.34	20.31	20.15		
15	256QAM	1	0	18.10	18.44	18.23	19.5	3.5
15	256QAM	1	37	18.24	18.37	18.22		
15	256QAM	1	74	18.34	18.25	18.20		
15	256QAM	36	0	18.26	18.41	18.21	19.5	3.5
15	256QAM	36	20	18.11	18.47	18.17		
15	256QAM	36	39	18.29	18.43	18.26		
15	256QAM	75	0	18.30	18.42	18.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.71	21.80	21.72	23	0
10	QPSK	1	25	21.89	21.82	21.67		
10	QPSK	1	49	21.66	21.82	21.80		
10	QPSK	25	0	21.87	21.81	21.80	23	0
10	QPSK	25	12	21.72	21.77	21.84		
10	QPSK	25	25	21.76	21.80	21.76		
10	QPSK	50	0	21.70	21.77	21.79		
10	16QAM	1	0	21.86	21.89	21.79	23	0
10	16QAM	1	25	21.78	21.87	21.80		
10	16QAM	1	49	21.79	21.81	21.76		
10	16QAM	25	0	21.29	21.35	21.30	22.5	0.5
10	16QAM	25	12	21.16	21.32	21.09		
10	16QAM	25	25	21.20	21.34	21.22		
10	16QAM	50	0	21.27	21.46	21.11		
10	64QAM	1	0	21.27	21.30	21.14	22.5	0.5
10	64QAM	1	25	21.27	21.46	21.19		
10	64QAM	1	49	21.09	21.47	21.33		
10	64QAM	25	0	20.10	20.33	20.16	21.5	1.5
10	64QAM	25	12	20.23	20.46	20.15		
10	64QAM	25	25	20.21	20.32	20.25		
10	64QAM	50	0	20.21	20.32	20.21		
10	256QAM	1	0	18.21	18.32	18.20	19.5	3.5
10	256QAM	1	25	18.28	18.33	18.20		
10	256QAM	1	49	18.22	18.30	18.11		
10	256QAM	25	0	18.21	18.40	18.14	19.5	3.5
10	256QAM	25	12	18.11	18.48	18.15		
10	256QAM	25	25	18.25	18.43	18.16		
10	256QAM	50	0	18.17	18.38	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.64	21.90	21.78	23	0
5	QPSK	1	12	21.84	21.80	21.76		
5	QPSK	1	24	21.75	21.79	21.75		
5	QPSK	12	0	21.80	21.94	21.74	23	0
5	QPSK	12	7	21.72	21.68	21.87		
5	QPSK	12	13	21.88	21.68	21.75		
5	QPSK	25	0	21.67	21.75	21.79		
5	16QAM	1	0	21.88	21.85	21.93	23	0
5	16QAM	1	12	21.79	21.79	21.73		
5	16QAM	1	24	21.74	21.77	21.89		
5	16QAM	12	0	21.28	21.28	21.28	22.5	0.5
5	16QAM	12	7	21.18	21.41	21.20		
5	16QAM	12	13	21.22	21.28	21.16		
5	16QAM	25	0	21.25	21.46	21.17		
5	64QAM	1	0	21.27	21.29	21.15	22.5	0.5
5	64QAM	1	12	21.29	21.39	21.21		
5	64QAM	1	24	21.09	21.35	21.22		
5	64QAM	12	0	20.12	20.33	20.22	21.5	1.5
5	64QAM	12	7	20.26	20.44	20.13		
5	64QAM	12	13	20.10	20.32	20.17		
5	64QAM	25	0	20.32	20.38	20.14		
5	256QAM	1	0	18.12	18.40	18.27	19.5	3.5
5	256QAM	1	12	18.28	18.47	18.32		
5	256QAM	1	24	18.34	18.23	18.09		
5	256QAM	12	0	18.22	18.31	18.19	19.5	3.5
5	256QAM	12	7	18.18	18.39	18.26		
5	256QAM	12	13	18.22	18.42	18.19		
5	256QAM	25	0	18.25	18.49	18.08		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.69	21.95	21.70	23	0
3	QPSK	1	8	21.76	21.74	21.75		
3	QPSK	1	14	21.75	21.78	21.80		
3	QPSK	8	0	21.75	21.89	21.83	23	0
3	QPSK	8	4	21.76	21.67	21.91		
3	QPSK	8	7	21.79	21.72	21.76		
3	QPSK	15	0	21.68	21.82	21.79		
3	16QAM	1	0	21.75	21.93	21.86	23	0
3	16QAM	1	8	21.76	21.77	21.79		
3	16QAM	1	14	21.76	21.77	21.87		
3	16QAM	8	0	21.24	21.42	21.31	22.5	0.5
3	16QAM	8	4	21.18	21.40	21.21		
3	16QAM	8	7	21.20	21.40	21.21		
3	16QAM	15	0	21.12	21.44	21.10		
3	64QAM	1	0	21.29	21.29	21.17	22.5	0.5
3	64QAM	1	8	21.19	21.40	21.13		
3	64QAM	1	14	21.21	21.40	21.21		
3	64QAM	8	0	20.13	20.32	20.20	21.5	1.5
3	64QAM	8	4	20.32	20.41	20.20		
3	64QAM	8	7	20.17	20.38	20.15		
3	64QAM	15	0	20.25	20.42	20.22		
3	256QAM	1	0	18.20	18.34	18.24	19.5	3.5
3	256QAM	1	8	18.15	18.44	18.35		
3	256QAM	1	14	18.31	18.29	18.10		
3	256QAM	8	0	18.18	18.43	18.07	19.5	3.5
3	256QAM	8	4	18.12	18.40	18.23		
3	256QAM	8	7	18.28	18.34	18.28		
3	256QAM	15	0	18.23	18.41	18.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.68	21.81	21.72	23	0
1.4	QPSK	1	3	21.88	21.84	21.74		
1.4	QPSK	1	5	21.67	21.81	21.79		
1.4	QPSK	3	0	21.88	21.88	21.74		
1.4	QPSK	3	1	21.66	21.81	21.84		
1.4	QPSK	3	3	21.77	21.68	21.80		
1.4	QPSK	6	0	21.78	21.83	21.86	23	0
1.4	16QAM	1	0	21.80	21.81	21.83	23	0
1.4	16QAM	1	3	21.74	21.80	21.82		
1.4	16QAM	1	5	21.79	21.88	21.76		
1.4	16QAM	3	0	21.26	21.33	21.33		
1.4	16QAM	3	1	21.25	21.34	21.13		
1.4	16QAM	3	3	21.20	21.38	21.27		
1.4	16QAM	6	0	21.20	21.29	21.17	22.5	0.5
1.4	64QAM	1	0	21.22	21.35	21.17	22.5	0.5
1.4	64QAM	1	3	21.25	21.37	21.14		
1.4	64QAM	1	5	21.25	21.23	21.20		
1.4	64QAM	3	0	21.17	21.26	21.19		
1.4	64QAM	3	1	21.19	21.23	21.21		
1.4	64QAM	3	3	21.26	21.37	21.29		
1.4	64QAM	6	0	20.18	20.26	20.15	21.5	1.5
1.4	256QAM	1	0	18.23	18.29	18.26	19.5	3.5
1.4	256QAM	1	3	18.27	18.43	18.22		
1.4	256QAM	1	5	18.30	18.29	18.09		
1.4	256QAM	3	0	18.18	18.36	18.22		
1.4	256QAM	3	1	18.18	18.44	18.24		
1.4	256QAM	3	3	18.25	18.31	18.21		
1.4	256QAM	6	0	18.22	18.50	18.17	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.40	22.38	23.4	0
20	QPSK	1	49	22.27	22.30	22.28		
20	QPSK	1	99	22.35	22.32	22.36		
20	QPSK	50	0	22.30	22.36	22.33	23.4	0
20	QPSK	50	24	22.17	22.27	22.24		
20	QPSK	50	50	22.25	22.24	22.30		
20	QPSK	100	0	22.32	22.33	22.26		
20	16QAM	1	0	22.19	22.30	22.29	23.4	0
20	16QAM	1	49	22.06	22.24	22.16		
20	16QAM	1	99	22.19	22.17	22.21		
20	16QAM	50	0	21.26	21.38	21.36	22.4	1
20	16QAM	50	24	21.17	21.26	21.25		
20	16QAM	50	50	21.29	21.19	21.32		
20	16QAM	100	0	21.29	21.37	21.30		
20	64QAM	1	0	21.15	21.31	21.27	22.4	1
20	64QAM	1	49	21.11	21.27	21.10		
20	64QAM	1	99	21.14	21.21	21.24		
20	64QAM	50	0	20.24	20.33	20.29	21.4	2
20	64QAM	50	24	20.11	20.28	20.27		
20	64QAM	50	50	20.19	20.25	20.24		
20	64QAM	100	0	20.27	20.33	20.29		
20	256QAM	1	0	18.25	18.36	18.32	19.4	4
20	256QAM	1	49	18.17	18.22	18.24		
20	256QAM	1	99	18.20	18.19	18.34		
20	256QAM	50	0	18.37	18.36	18.24	19.4	4
20	256QAM	50	24	18.20	18.25	18.31		
20	256QAM	50	50	18.08	18.27	18.13		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.33	22.38	22.28	23.4	0
15	QPSK	1	37	22.25	22.17	22.24		
15	QPSK	1	74	22.29	22.19	22.28		
15	QPSK	36	0	22.17	22.29	22.21	23.4	0
15	QPSK	36	20	22.07	22.21	22.14		
15	QPSK	36	39	22.15	22.14	22.26		
15	QPSK	75	0	22.19	22.21	22.16		
15	16QAM	1	0	22.15	22.20	22.25	23.4	0
15	16QAM	1	37	21.95	22.11	22.03		
15	16QAM	1	74	22.12	22.13	22.10		
15	16QAM	36	0	21.15	21.29	21.25	22.4	1
15	16QAM	36	20	21.06	21.15	21.15		
15	16QAM	36	39	21.22	21.16	21.26		
15	16QAM	75	0	21.26	21.26	21.20		
15	64QAM	1	0	21.05	21.26	21.15	22.4	1
15	64QAM	1	37	21.00	21.16	21.05		
15	64QAM	1	74	21.09	21.11	21.13		
15	64QAM	36	0	20.15	20.31	20.16	21.4	2
15	64QAM	36	20	20.05	20.23	20.16		
15	64QAM	36	39	20.12	20.14	20.22		
15	64QAM	75	0	20.25	20.28	20.17		
15	256QAM	1	0	18.13	18.31	18.24	19.4	4
15	256QAM	1	37	18.05	18.13	18.11		
15	256QAM	1	74	18.07	18.10	18.32		
15	256QAM	36	0	18.24	18.28	18.20	19.4	4
15	256QAM	36	20	18.09	18.14	18.25		
15	256QAM	36	39	17.98	18.20	18.05		
15	256QAM	75	0	18.07	18.09	18.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.27	22.32	22.29	23.4	0
10	QPSK	1	25	22.21	22.28	22.23		
10	QPSK	1	49	22.27	22.20	22.22		
10	QPSK	25	0	22.21	22.29	22.21	23.4	0
10	QPSK	25	12	22.07	22.22	22.14		
10	QPSK	25	25	22.13	22.20	22.17		
10	QPSK	50	0	22.24	22.25	22.16		
10	16QAM	1	0	22.06	22.21	22.17	23.4	0
10	16QAM	1	25	21.99	22.11	22.11		
10	16QAM	1	49	22.08	22.09	22.13		
10	16QAM	25	0	21.20	21.29	21.25	22.4	1
10	16QAM	25	12	21.13	21.18	21.22		
10	16QAM	25	25	21.26	21.10	21.26		
10	16QAM	50	0	21.21	21.29	21.22		
10	64QAM	1	0	21.03	21.21	21.22	22.4	1
10	64QAM	1	25	21.01	21.17	21.08		
10	64QAM	1	49	21.11	21.11	21.20		
10	64QAM	25	0	20.18	20.26	20.24	21.4	2
10	64QAM	25	12	20.05	20.23	20.21		
10	64QAM	25	25	20.11	20.19	20.18		
10	64QAM	50	0	20.16	20.24	20.17		
10	256QAM	1	0	18.22	18.26	18.30	19.4	4
10	256QAM	1	25	18.15	18.10	18.14		
10	256QAM	1	49	18.08	18.13	18.28		
10	256QAM	25	0	18.32	18.32	18.18	19.4	4
10	256QAM	25	12	18.14	18.16	18.25		
10	256QAM	25	25	17.99	18.18	18.00		
10	256QAM	50	0	18.09	18.13	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.31	22.28	22.27	23.4	0
5	QPSK	1	12	22.25	22.27	22.23		
5	QPSK	1	24	22.25	22.19	22.28		
5	QPSK	12	0	22.19	22.28	22.24	23.4	0
5	QPSK	12	7	22.13	22.13	22.16		
5	QPSK	12	13	22.17	22.18	22.24		
5	QPSK	25	0	22.28	22.20	22.20		
5	16QAM	1	0	22.10	22.25	22.26	23.4	0
5	16QAM	1	12	21.96	22.18	22.07		
5	16QAM	1	24	22.07	22.09	22.16		
5	16QAM	12	0	21.15	21.33	21.27	22.4	1
5	16QAM	12	7	21.10	21.20	21.20		
5	16QAM	12	13	21.25	21.14	21.24		
5	16QAM	25	0	21.25	21.23	21.20		
5	64QAM	1	0	21.08	21.28	21.18	22.4	1
5	64QAM	1	12	21.01	21.16	21.05		
5	64QAM	1	24	21.10	21.11	21.17		
5	64QAM	12	0	20.17	20.29	20.23	21.4	2
5	64QAM	12	7	20.00	20.22	20.15		
5	64QAM	12	13	20.11	20.17	20.11		
5	64QAM	25	0	20.16	20.30	20.16		
5	256QAM	1	0	18.14	18.29	18.24	19.4	4
5	256QAM	1	12	18.06	18.10	18.20		
5	256QAM	1	24	18.06	18.14	18.31		
5	256QAM	12	0	18.30	18.25	18.20	19.4	4
5	256QAM	12	7	18.11	18.19	18.18		
5	256QAM	12	13	18.04	18.19	18.00		
5	256QAM	25	0	18.03	18.07	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.44	22.45	22.53	22.40	22.47	23.4	0
20	QPSK	1	49	22.48	22.37	22.41	22.42	22.31		
20	QPSK	1	99	22.33	22.34	22.36	22.28	22.42		
20	QPSK	50	0	22.40	22.37	22.48	22.38	22.44	23.4	0
20	QPSK	50	24	22.37	22.32	22.35	22.39	22.25		
20	QPSK	50	50	22.22	22.28	22.29	22.14	22.29		
20	QPSK	100	0	22.35	22.41	22.43	22.29	22.37		
20	16QAM	1	0	22.34	22.38	22.40	22.32	22.34	23.4	0
20	16QAM	1	49	22.35	22.31	22.31	22.38	22.19		
20	16QAM	1	99	22.24	22.28	22.27	22.15	22.30		
20	16QAM	50	0	21.44	21.35	21.53	21.38	21.44	22.4	1
20	16QAM	50	24	21.36	21.37	21.36	21.36	21.29		
20	16QAM	50	50	21.17	21.34	21.30	21.16	21.31		
20	16QAM	100	0	21.36	21.39	21.46	21.31	21.33		
20	64QAM	1	0	21.35	21.35	21.43	21.26	21.32	22.4	1
20	64QAM	1	49	21.31	21.37	21.35	21.32	21.21		
20	64QAM	1	99	21.23	21.30	21.26	21.10	21.28		
20	64QAM	50	0	20.45	20.36	20.50	20.34	20.49	21.4	2
20	64QAM	50	24	20.40	20.28	20.34	20.41	20.26		
20	64QAM	50	50	20.18	20.31	20.27	20.15	20.25		
20	64QAM	100	0	20.34	20.39	20.45	20.28	20.33		
20	256QAM	1	0	18.46	18.32	18.51	18.33	18.48	19.4	4
20	256QAM	1	49	18.37	18.27	18.35	18.34	18.25		
20	256QAM	1	99	18.17	18.28	18.33	18.15	18.27		
20	256QAM	50	0	18.37	18.46	18.40	18.34	18.34	19.4	4
20	256QAM	50	24	18.33	18.42	18.44	18.34	18.37		
20	256QAM	50	50	18.40	18.36	18.28	18.36	18.15		
20	256QAM	100	0	18.21	18.27	18.30	18.13	18.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.39	22.36	22.47	22.28	22.34	23.40	0
15	QPSK	1	37	22.35	22.30	22.34	22.32	22.18		
15	QPSK	1	74	22.28	22.22	22.28	22.19	22.35		
15	QPSK	36	0	22.29	22.29	22.37	22.29	22.38	23.4	0
15	QPSK	36	20	22.23	22.28	22.24	22.37	22.12		
15	QPSK	36	39	22.10	22.20	22.17	22.05	22.21		
15	QPSK	75	0	22.31	22.34	22.29	22.15	22.33		
15	16QAM	1	0	22.32	22.29	22.33	22.20	22.22	23.4	0
15	16QAM	1	37	22.30	22.26	22.20	22.24	22.12		
15	16QAM	1	74	22.21	22.24	22.16	22.08	22.21		
15	16QAM	36	0	21.36	21.28	21.42	21.31	21.35	22.4	1
15	16QAM	36	20	21.29	21.28	21.33	21.31	21.22		
15	16QAM	36	39	21.14	21.28	21.20	21.12	21.28		
15	16QAM	75	0	21.24	21.35	21.39	21.17	21.25		
15	64QAM	1	0	21.22	21.24	21.36	21.23	21.29	22.4	1
15	64QAM	1	37	21.26	21.28	21.28	21.23	21.19		
15	64QAM	1	74	21.12	21.21	21.14	21.04	21.18		
15	64QAM	36	0	20.39	20.24	20.44	20.25	20.41	21.4	2
15	64QAM	36	20	20.30	20.20	20.30	20.38	20.23		
15	64QAM	36	39	20.08	20.27	20.16	20.09	20.19		
15	64QAM	75	0	20.21	20.29	20.36	20.20	20.21		
15	256QAM	1	0	18.36	18.25	18.45	18.27	18.37	19.4	4
15	256QAM	1	37	18.29	18.22	18.32	18.31	18.22		
15	256QAM	1	74	18.15	18.22	18.22	18.10	18.25		
15	256QAM	36	0	18.27	18.38	18.28	18.28	18.23	19.4	4
15	256QAM	36	20	18.19	18.35	18.32	18.22	18.33		
15	256QAM	36	39	18.37	18.26	18.19	18.28	18.01		
15	256QAM	75	0	18.10	18.20	18.22	17.99	18.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.38	22.45	22.34	22.37	23.40	0
10	QPSK	1	25	22.37	22.34	22.36	22.31	22.23		
10	QPSK	1	49	22.19	22.23	22.32	22.24	22.29		
10	QPSK	25	0	22.31	22.32	22.39	22.35	22.35	23.4	0
10	QPSK	25	12	22.27	22.23	22.31	22.31	22.17		
10	QPSK	25	25	22.19	22.20	22.21	22.02	22.25		
10	QPSK	50	0	22.32	22.38	22.31	22.22	22.28		
10	16QAM	1	0	22.22	22.28	22.38	22.21	22.22	23.4	0
10	16QAM	1	25	22.27	22.23	22.22	22.32	22.06		
10	16QAM	1	49	22.14	22.23	22.18	22.09	22.27		
10	16QAM	25	0	21.36	21.31	21.46	21.32	21.35	22.4	1
10	16QAM	25	12	21.29	21.25	21.26	21.32	21.23		
10	16QAM	25	25	21.05	21.29	21.28	21.04	21.22		
10	16QAM	50	0	21.28	21.35	21.44	21.19	21.28		
10	64QAM	1	0	21.28	21.26	21.36	21.20	21.22	22.4	1
10	64QAM	1	25	21.19	21.30	21.29	21.29	21.16		
10	64QAM	1	49	21.11	21.18	21.22	21.04	21.24		
10	64QAM	25	0	20.33	20.24	20.38	20.27	20.37	21.4	2
10	64QAM	25	12	20.33	20.24	20.29	20.36	20.21		
10	64QAM	25	25	20.09	20.17	20.19	20.08	20.23		
10	64QAM	50	0	20.23	20.32	20.43	20.15	20.20		
10	256QAM	1	0	18.38	18.26	18.47	18.30	18.42	19.4	4
10	256QAM	1	25	18.28	18.14	18.26	18.27	18.18		
10	256QAM	1	49	18.09	18.14	18.19	18.02	18.18		
10	256QAM	25	0	18.24	18.32	18.29	18.27	18.21	19.4	4
10	256QAM	25	12	18.23	18.30	18.39	18.32	18.24		
10	256QAM	25	25	18.32	18.30	18.16	18.32	18.08		
10	256QAM	50	0	18.09	18.16	18.16	18.02	18.15		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.35	22.33	22.43	22.31	22.42	23.40	0
5	QPSK	1	12	22.45	22.26	22.33	22.36	22.18		
5	QPSK	1	24	22.22	22.25	22.29	22.26	22.30		
5	QPSK	12	0	22.34	22.24	22.38	22.25	22.32	23.4	0
5	QPSK	12	7	22.30	22.25	22.24	22.28	22.14		
5	QPSK	12	13	22.17	22.19	22.16	22.04	22.22		
5	QPSK	25	0	22.24	22.31	22.40	22.15	22.29		
5	16QAM	1	0	22.28	22.27	22.31	22.27	22.29	23.4	0
5	16QAM	1	12	22.24	22.26	22.23	22.32	22.12		
5	16QAM	1	24	22.19	22.21	22.23	22.07	22.24		
5	16QAM	12	0	21.41	21.33	21.40	21.27	21.31	22.4	1
5	16QAM	12	7	21.24	21.26	21.25	21.25	21.15		
5	16QAM	12	13	21.14	21.30	21.23	21.11	21.20		
5	16QAM	25	0	21.24	21.37	21.36	21.19	21.24		
5	64QAM	1	0	21.22	21.25	21.35	21.16	21.20	22.4	1
5	64QAM	1	12	21.23	21.30	21.32	21.28	21.08		
5	64QAM	1	24	21.11	21.27	21.21	20.98	21.20		
5	64QAM	12	0	20.43	20.23	20.43	20.30	20.46	21.4	2
5	64QAM	12	7	20.27	20.22	20.22	20.34	20.23		
5	64QAM	12	13	20.08	20.24	20.14	20.04	20.14		
5	64QAM	25	0	20.31	20.32	20.36	20.19	20.26		
5	256QAM	1	0	18.40	18.21	18.47	18.26	18.36	19.4	4
5	256QAM	1	12	18.29	18.24	18.30	18.22	18.14		
5	256QAM	1	24	18.08	18.14	18.23	18.12	18.18		
5	256QAM	12	0	18.30	18.41	18.35	18.31	18.30	19.4	4
5	256QAM	12	7	18.25	18.35	18.41	18.32	18.33		
5	256QAM	12	13	18.32	18.25	18.18	18.23	18.12		
5	256QAM	25	0	18.08	18.24	18.27	18.07	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.51	20.68	20.50	21.6	0
20	QPSK	1	49	20.52	20.64	20.50		
20	QPSK	1	99	20.50	20.53	20.53		
20	QPSK	50	0	19.99	20.12	20.04	21.1	0.5
20	QPSK	50	24	20.01	20.11	19.97		
20	QPSK	50	50	20.04	20.10	20.02		
20	QPSK	100	0	20.01	20.11	20.05		
20	16QAM	1	0	20.02	20.04	19.96	21.1	0.5
20	16QAM	1	49	20.06	20.03	19.95		
20	16QAM	1	99	20.04	20.02	20.01		
20	16QAM	50	0	19.02	19.08	19.06	20.1	1.5
20	16QAM	50	24	19.00	19.05	18.99		
20	16QAM	50	50	19.07	19.06	19.02		
20	16QAM	100	0	18.98	19.08	19.00		
20	64QAM	1	0	18.97	19.04	19.02	20.1	1.5
20	64QAM	1	49	19.05	19.11	19.02		
20	64QAM	1	99	19.05	19.04	18.99		
20	64QAM	50	0	18.01	18.01	17.95	19.1	2.5
20	64QAM	50	24	18.05	18.08	18.04		
20	64QAM	50	50	17.98	18.11	17.99		
20	64QAM	100	0	18.01	18.06	18.00		
20	256QAM	1	0	16.04	16.11	16.00	17.1	4.5
20	256QAM	1	49	16.03	16.03	16.05		
20	256QAM	1	99	15.96	16.05	15.94		
20	256QAM	50	0	16.05	16.09	15.99	17.1	4.5
20	256QAM	50	24	16.05	16.03	16.01		
20	256QAM	50	50	16.01	16.06	16.01		
20	256QAM	100	0	15.99	16.04	15.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.37	20.55	20.42	21.6	0
15	QPSK	1	37	20.43	20.49	20.37		
15	QPSK	1	74	20.38	20.45	20.44		
15	QPSK	36	0	19.95	19.86	20.00	21.1	0.5
15	QPSK	36	20	19.94	20.06	19.82		
15	QPSK	36	39	19.93	20.05	19.90		
15	QPSK	75	0	19.86	20.02	19.95		
15	16QAM	1	0	19.94	19.88	19.80	21.1	0.5
15	16QAM	1	37	20.00	19.90	19.84		
15	16QAM	1	74	19.91	19.92	19.90		
15	16QAM	36	0	18.95	18.99	18.90	20.1	1.5
15	16QAM	36	20	18.86	18.90	18.91		
15	16QAM	36	39	18.94	18.99	18.96		
15	16QAM	75	0	18.91	19.00	18.91		
15	64QAM	1	0	18.91	18.94	18.91	20.1	1.5
15	64QAM	1	37	18.96	18.97	18.88		
15	64QAM	1	74	18.94	18.91	18.87		
15	64QAM	36	0	17.89	17.90	17.86	19.1	2.5
15	64QAM	36	20	17.95	17.94	17.92		
15	64QAM	36	39	17.83	18.04	17.94		
15	64QAM	75	0	17.85	17.93	17.85		
15	256QAM	1	0	15.96	16.06	15.91	17.1	4.5
15	256QAM	1	37	15.88	15.92	15.92		
15	256QAM	1	74	15.83	15.98	15.88		
15	256QAM	36	0	15.92	16.04	15.86	17.1	4.5
15	256QAM	36	20	15.95	15.96	15.94		
15	256QAM	36	39	15.93	16.00	15.90		
15	256QAM	75	0	15.93	15.97	15.93		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.37	20.58	20.36	21.6	0
10	QPSK	1	25	20.42	20.55	20.34		
10	QPSK	1	49	20.37	20.48	20.40		
10	QPSK	25	0	19.88	19.96	19.96	21.1	0.5
10	QPSK	25	12	19.94	20.03	19.82		
10	QPSK	25	25	19.91	19.97	19.91		
10	QPSK	50	0	19.87	20.06	19.91		
10	16QAM	1	0	19.90	19.91	19.83	21.1	0.5
10	16QAM	1	25	19.94	19.88	19.83		
10	16QAM	1	49	19.95	19.94	19.97		
10	16QAM	25	0	18.92	19.01	19.01	20.1	1.5
10	16QAM	25	12	18.87	18.91	18.92		
10	16QAM	25	25	19.01	19.02	18.87		
10	16QAM	50	0	18.89	19.00	18.91		
10	64QAM	1	0	18.82	18.97	18.94	20.1	1.5
10	64QAM	1	25	18.99	19.00	18.97		
10	64QAM	1	49	18.90	19.00	18.94		
10	64QAM	25	0	17.89	17.90	17.91	19.1	2.5
10	64QAM	25	12	17.90	18.02	17.91		
10	64QAM	25	25	17.94	17.97	17.84		
10	64QAM	50	0	17.95	17.98	17.88		
10	256QAM	1	0	15.92	16.05	15.95	17.1	4.5
10	256QAM	1	25	15.88	15.93	15.98		
10	256QAM	1	49	15.89	15.97	15.88		
10	256QAM	25	0	16.01	15.98	15.84	17.1	4.5
10	256QAM	25	12	15.90	15.91	15.90		
10	256QAM	25	25	15.92	16.00	15.93		
10	256QAM	50	0	15.89	15.95	15.86		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.42	20.64	20.40	21.6	0
5	QPSK	1	12	20.41	20.53	20.37		
5	QPSK	1	24	20.40	20.45	20.39		
5	QPSK	12	0	19.88	19.87	19.97	21.1	0.5
5	QPSK	12	7	19.95	20.04	19.91		
5	QPSK	12	13	19.92	20.05	19.88		
5	QPSK	25	0	19.90	20.01	19.98		
5	16QAM	1	0	19.93	19.93	19.81	21.1	0.5
5	16QAM	1	12	19.92	19.88	19.85		
5	16QAM	1	24	19.97	19.89	19.90		
5	16QAM	12	0	18.94	19.04	19.00	20.1	1.5
5	16QAM	12	7	18.95	18.96	18.91		
5	16QAM	12	13	19.00	19.01	18.93		
5	16QAM	25	0	18.91	18.94	18.88		
5	64QAM	1	0	18.91	18.88	18.90	20.1	1.5
5	64QAM	1	12	18.92	18.96	18.87		
5	64QAM	1	24	18.95	18.98	18.93		
5	64QAM	12	0	17.96	17.85	17.88	19.1	2.5
5	64QAM	12	7	17.97	17.99	17.89		
5	64QAM	12	13	17.91	17.99	17.85		
5	64QAM	25	0	17.89	17.91	17.90		
5	256QAM	1	0	15.96	15.99	15.92	17.1	4.5
5	256QAM	1	12	15.90	15.90	15.94		
5	256QAM	1	24	15.88	15.96	15.86		
5	256QAM	12	0	16.00	16.00	15.92	17.1	4.5
5	256QAM	12	7	15.94	15.98	15.96		
5	256QAM	12	13	15.87	16.01	15.85		
5	256QAM	25	0	15.92	15.97	15.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.58	19.65	19.53	19.53	20.7	0
20	QPSK	1	49	19.60	19.59	19.40	19.42		
20	QPSK	1	99	19.47	19.58	19.47	19.42		
20	QPSK	50	0	18.64	18.66	18.55	18.59	20.2	0.5
20	QPSK	50	24	18.59	18.52	18.41	18.38		
20	QPSK	50	50	18.48	18.51	18.49	18.38		
20	QPSK	100	0	18.64	18.65	18.63	18.44		
20	16QAM	1	0	18.59	18.63	18.54	18.49	20.2	0.5
20	16QAM	1	49	18.55	18.56	18.36	18.37		
20	16QAM	1	99	18.36	18.48	18.39	18.40		
20	16QAM	50	0	17.59	17.57	17.52	17.65	19.2	1.5
20	16QAM	50	24	17.57	17.53	17.35	17.43		
20	16QAM	50	50	17.45	17.51	17.53	17.43		
20	16QAM	100	0	17.50	17.60	17.60	17.53		
20	64QAM	1	0	17.52	17.56	17.55	17.55	19.2	1.5
20	64QAM	1	49	17.58	17.62	17.40	17.36		
20	64QAM	1	99	17.34	17.56	17.42	17.47		
20	64QAM	50	0	16.57	16.61	16.61	16.59	18.2	2.5
20	64QAM	50	24	16.59	16.56	16.41	16.36		
20	64QAM	50	50	16.50	16.46	16.52	16.45		
20	64QAM	100	0	16.72	16.66	16.60	16.56		
20	256QAM	1	0	14.64	14.62	14.58	14.54	16.2	4.5
20	256QAM	1	49	14.66	14.47	14.38	14.43		
20	256QAM	1	99	14.36	14.44	14.44	14.51		
20	256QAM	50	0	14.55	14.55	14.64	14.51	16.2	4.5
20	256QAM	50	24	14.55	14.57	14.58	14.45		
20	256QAM	50	50	14.59	14.58	14.41	14.37		
20	256QAM	100	0	14.38	14.37	14.40	14.40		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.44	19.59	19.45	19.38	20.7	0
15	QPSK	1	37	19.51	19.47	19.30	19.37		
15	QPSK	1	74	19.38	19.48	19.34	19.31		
15	QPSK	36	0	18.50	18.53	18.51	18.48	20.2	0.5
15	QPSK	36	20	18.52	18.38	18.33	18.31		
15	QPSK	36	39	18.35	18.39	18.38	18.29		
15	QPSK	75	0	18.57	18.59	18.49	18.32		
15	16QAM	1	0	18.48	18.49	18.48	18.41	20.2	0.5
15	16QAM	1	37	18.49	18.42	18.32	18.27		
15	16QAM	1	74	18.26	18.34	18.26	18.26		
15	16QAM	36	0	17.44	17.43	17.42	17.58	19.2	1.5
15	16QAM	36	20	17.50	17.42	17.22	17.29		
15	16QAM	36	39	17.36	17.43	17.41	17.37		
15	16QAM	75	0	17.40	17.50	17.53	17.44		
15	64QAM	1	0	17.48	17.52	17.51	17.49	19.2	1.5
15	64QAM	1	37	17.46	17.51	17.32	17.24		
15	64QAM	1	74	17.24	17.42	17.27	17.43		
15	64QAM	36	0	16.47	16.55	16.46	16.51	18.2	2.5
15	64QAM	36	20	16.51	16.51	16.31	16.31		
15	64QAM	36	39	16.37	16.35	16.44	16.35		
15	64QAM	75	0	16.66	16.59	16.54	16.43		
15	256QAM	1	0	14.52	14.47	14.52	14.49	16.2	4.5
15	256QAM	1	37	14.54	14.37	14.25	14.33		
15	256QAM	1	74	14.24	14.32	14.32	14.46		
15	256QAM	36	0	14.45	14.47	14.56	14.42	16.2	4.5
15	256QAM	36	20	14.40	14.46	14.53	14.40		
15	256QAM	36	39	14.54	14.53	14.25	14.28		
15	256QAM	75	0	14.27	14.26	14.27	14.32		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.46	19.57	19.42	19.41	20.7	0
10	QPSK	1	25	19.45	19.54	19.35	19.35		
10	QPSK	1	49	19.34	19.45	19.38	19.30		
10	QPSK	25	0	18.51	18.51	18.47	18.54	20.2	0.5
10	QPSK	25	12	18.51	18.37	18.32	18.34		
10	QPSK	25	25	18.34	18.39	18.41	18.33		
10	QPSK	50	0	18.48	18.53	18.56	18.38		
10	16QAM	1	0	18.50	18.54	18.44	18.41	20.2	0.5
10	16QAM	1	25	18.39	18.51	18.28	18.30		
10	16QAM	1	49	18.22	18.36	18.32	18.33		
10	16QAM	25	0	17.45	17.51	17.43	17.50	19.2	1.5
10	16QAM	25	12	17.53	17.44	17.20	17.35		
10	16QAM	25	25	17.33	17.38	17.48	17.39		
10	16QAM	50	0	17.45	17.49	17.48	17.39		
10	64QAM	1	0	17.46	17.42	17.42	17.46	19.2	1.5
10	64QAM	1	25	17.45	17.47	17.32	17.21		
10	64QAM	1	49	17.25	17.47	17.37	17.36		
10	64QAM	25	0	16.48	16.48	16.54	16.49	18.2	2.5
10	64QAM	25	12	16.54	16.49	16.27	16.24		
10	64QAM	25	25	16.44	16.41	16.45	16.33		
10	64QAM	50	0	16.65	16.61	16.46	16.49		
10	256QAM	1	0	14.53	14.46	14.54	14.48	16.2	4.5
10	256QAM	1	25	14.61	14.41	14.28	14.32		
10	256QAM	1	49	14.23	14.32	14.32	14.44		
10	256QAM	25	0	14.47	14.44	14.58	14.36	16.2	4.5
10	256QAM	25	12	14.48	14.44	14.45	14.35		
10	256QAM	25	25	14.48	14.45	14.29	14.25		
10	256QAM	50	0	14.26	14.23	14.36	14.29		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.50	19.54	19.41	19.49	20.7	0
5	QPSK	1	12	19.49	19.49	19.28	19.37		
5	QPSK	1	24	19.40	19.50	19.37	19.37		
5	QPSK	12	0	18.53	18.53	18.46	18.49	20.2	0.5
5	QPSK	12	7	18.49	18.38	18.27	18.23		
5	QPSK	12	13	18.44	18.42	18.37	18.34		
5	QPSK	25	0	18.56	18.53	18.56	18.32		
5	16QAM	1	0	18.52	18.52	18.43	18.38	20.2	0.5
5	16QAM	1	12	18.42	18.49	18.23	18.27		
5	16QAM	1	24	18.30	18.37	18.31	18.30		
5	16QAM	12	0	17.49	17.45	17.40	17.55	19.2	1.5
5	16QAM	12	7	17.48	17.46	17.25	17.32		
5	16QAM	12	13	17.34	17.47	17.46	17.38		
5	16QAM	25	0	17.40	17.47	17.51	17.44		
5	64QAM	1	0	17.47	17.51	17.48	17.49	19.2	1.5
5	64QAM	1	12	17.49	17.57	17.34	17.28		
5	64QAM	1	24	17.25	17.45	17.28	17.37		
5	64QAM	12	0	16.49	16.50	16.53	16.45	18.2	2.5
5	64QAM	12	7	16.54	16.48	16.31	16.27		
5	64QAM	12	13	16.46	16.31	16.41	16.30		
5	64QAM	25	0	16.63	16.55	16.49	16.51		
5	256QAM	1	0	14.51	14.48	14.54	14.49	16.2	4.5
5	256QAM	1	12	14.53	14.35	14.27	14.39		
5	256QAM	1	24	14.30	14.36	14.38	14.37		
5	256QAM	12	0	14.45	14.43	14.50	14.45	16.2	4.5
5	256QAM	12	7	14.41	14.44	14.45	14.31		
5	256QAM	12	13	14.53	14.50	14.30	14.27		
5	256QAM	25	0	14.33	14.22	14.33	14.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.31	24.39	24.35	25.5	0
20	QPSK	1	49	24.26	24.34	24.22		
20	QPSK	1	99	24.25	24.30	24.31		
20	QPSK	50	0	23.37	23.41	23.37	24.5	1
20	QPSK	50	24	23.31	23.29	23.26		
20	QPSK	50	50	23.30	23.35	23.34		
20	QPSK	100	0	23.28	23.37	23.41		
20	16QAM	1	0	23.28	23.34	23.34	24.5	1
20	16QAM	1	49	23.20	23.38	23.18		
20	16QAM	1	99	23.30	23.26	23.35		
20	16QAM	50	0	22.40	22.41	22.32	23.5	2
20	16QAM	50	24	22.35	22.30	22.28		
20	16QAM	50	50	22.28	22.33	22.30		
20	16QAM	100	0	22.30	22.34	22.39		
20	64QAM	1	0	22.22	22.40	22.34	23.5	2
20	64QAM	1	49	22.18	22.35	22.22		
20	64QAM	1	99	22.31	22.21	22.36		
20	64QAM	50	0	21.31	21.44	21.39	22.5	3
20	64QAM	50	24	21.34	21.27	21.29		
20	64QAM	50	50	21.32	21.33	21.34		
20	64QAM	100	0	21.29	21.42	21.39		
20	256QAM	1	0	19.42	19.42	19.39	20.5	5
20	256QAM	1	49	19.30	19.25	19.29		
20	256QAM	1	99	19.34	19.37	19.35		
20	256QAM	50	0	19.27	19.32	19.43	20.5	5
20	256QAM	50	24	19.27	19.34	19.30		
20	256QAM	50	50	19.14	19.39	19.23		
20	256QAM	100	0	19.28	19.28	19.36		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.27	24.33	24.21	25.5	0
15	QPSK	1	37	24.20	24.25	24.10		
15	QPSK	1	74	24.11	24.26	24.17		
15	QPSK	36	0	23.24	23.38	23.33	24.5	1
15	QPSK	36	20	23.23	23.18	23.15		
15	QPSK	36	39	23.20	23.31	23.22		
15	QPSK	75	0	23.17	23.33	23.32		
15	16QAM	1	0	23.25	23.22	23.20	24.5	1
15	16QAM	1	37	23.09	23.25	23.10		
15	16QAM	1	74	23.18	23.21	23.31		
15	16QAM	36	0	22.33	22.35	22.29	23.5	2
15	16QAM	36	20	22.26	22.18	22.15		
15	16QAM	36	39	22.19	22.21	22.23		
15	16QAM	75	0	22.21	22.24	22.26		
15	64QAM	1	0	22.08	22.34	22.25	23.5	2
15	64QAM	1	37	22.13	22.27	22.19		
15	64QAM	1	74	22.20	22.19	22.26		
15	64QAM	36	0	21.22	21.40	21.31	22.5	3
15	64QAM	36	20	21.24	21.21	21.18		
15	64QAM	36	39	21.29	21.25	21.26		
15	64QAM	75	0	21.15	21.29	21.35		
15	256QAM	1	0	19.39	19.37	19.31	20.5	5
15	256QAM	1	37	19.27	19.20	19.23		
15	256QAM	1	74	19.22	19.35	19.24		
15	256QAM	36	0	19.23	19.23	19.31	20.5	5
15	256QAM	36	20	19.25	19.21	19.21		
15	256QAM	36	39	19.02	19.34	19.20		
15	256QAM	75	0	19.18	19.16	19.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.17	24.36	24.30	25.5	0
10	QPSK	1	25	24.20	24.23	24.16		
10	QPSK	1	49	24.21	24.21	24.17		
10	QPSK	25	0	23.25	23.28	23.33	24.5	1
10	QPSK	25	12	23.23	23.25	23.17		
10	QPSK	25	25	23.22	23.24	23.22		
10	QPSK	50	0	23.18	23.27	23.28		
10	16QAM	1	0	23.16	23.22	23.28	24.5	1
10	16QAM	1	25	23.06	23.29	23.15		
10	16QAM	1	49	23.26	23.21	23.28		
10	16QAM	25	0	22.37	22.30	22.27	23.5	2
10	16QAM	25	12	22.26	22.24	22.16		
10	16QAM	25	25	22.23	22.22	22.26		
10	16QAM	50	0	22.17	22.29	22.29		
10	64QAM	1	0	22.14	22.28	22.27	23.5	2
10	64QAM	1	25	22.10	22.28	22.09		
10	64QAM	1	49	22.24	22.14	22.28		
10	64QAM	25	0	21.28	21.39	21.32	22.5	3
10	64QAM	25	12	21.26	21.24	21.17		
10	64QAM	25	25	21.27	21.26	21.21		
10	64QAM	50	0	21.23	21.34	21.25		
10	256QAM	1	0	19.35	19.35	19.27	20.5	5
10	256QAM	1	25	19.16	19.18	19.20		
10	256QAM	1	49	19.26	19.32	19.25		
10	256QAM	25	0	19.21	19.24	19.33	20.5	5
10	256QAM	25	12	19.15	19.21	19.26		
10	256QAM	25	25	19.00	19.31	19.13		
10	256QAM	50	0	19.15	19.15	19.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.20	24.27	24.25	25.5	0
5	QPSK	1	12	24.13	24.24	24.15		
5	QPSK	1	24	24.17	24.21	24.25		
5	QPSK	12	0	23.27	23.37	23.34	24.5	1
5	QPSK	12	7	23.23	23.17	23.14		
5	QPSK	12	13	23.20	23.22	23.25		
5	QPSK	25	0	23.19	23.32	23.28		
5	16QAM	1	0	23.22	23.28	23.26	24.5	1
5	16QAM	1	12	23.12	23.33	23.14		
5	16QAM	1	24	23.16	23.14	23.32		
5	16QAM	12	0	22.28	22.37	22.21	23.5	2
5	16QAM	12	7	22.24	22.26	22.24		
5	16QAM	12	13	22.17	22.22	22.24		
5	16QAM	25	0	22.27	22.31	22.34		
5	64QAM	1	0	22.13	22.29	22.30	23.5	2
5	64QAM	1	12	22.05	22.30	22.19		
5	64QAM	1	24	22.25	22.17	22.24		
5	64QAM	12	0	21.25	21.35	21.27	22.5	3
5	64QAM	12	7	21.24	21.20	21.18		
5	64QAM	12	13	21.20	21.20	21.31		
5	64QAM	25	0	21.26	21.35	21.32		
5	256QAM	1	0	19.35	19.40	19.36	20.5	5
5	256QAM	1	12	19.18	19.14	19.16		
5	256QAM	1	24	19.26	19.26	19.32		
5	256QAM	12	0	19.21	19.23	19.37	20.5	5
5	256QAM	12	7	19.14	19.23	19.17		
5	256QAM	12	13	19.03	19.26	19.10		
5	256QAM	25	0	19.15	19.16	19.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.31	23.35	23.28	23.25	24.4	0
20	QPSK	1	49	23.22	23.28	23.15	23.15		
20	QPSK	1	99	23.19	23.23	23.24	23.18		
20	QPSK	50	0	22.30	22.38	22.26	22.25	23.4	1
20	QPSK	50	24	22.16	22.29	22.18	22.14		
20	QPSK	50	50	22.13	22.20	22.18	22.18		
20	QPSK	100	0	22.37	22.32	22.29	22.24		
20	16QAM	1	0	22.33	22.31	22.32	22.20	23.4	1
20	16QAM	1	49	22.21	22.31	22.10	22.17		
20	16QAM	1	99	22.21	22.27	22.25	22.22		
20	16QAM	50	0	21.31	21.32	21.28	21.22	22.4	2
20	16QAM	50	24	21.10	21.26	21.14	21.11		
20	16QAM	50	50	21.17	21.17	21.14	21.21		
20	16QAM	100	0	21.38	21.38	21.24	21.29		
20	64QAM	1	0	21.27	21.34	21.29	21.20	22.4	2
20	64QAM	1	49	21.25	21.35	21.04	21.19		
20	64QAM	1	99	21.21	21.28	21.27	21.16		
20	64QAM	50	0	20.34	20.35	20.32	20.24	21.4	3
20	64QAM	50	24	20.20	20.28	20.17	20.11		
20	64QAM	50	50	20.17	20.17	20.13	20.23		
20	64QAM	100	0	20.41	20.31	20.32	20.23		
20	256QAM	1	0	18.35	18.35	18.25	18.24	19.4	5
20	256QAM	1	49	18.10	18.27	18.22	18.13		
20	256QAM	1	99	18.14	18.24	18.23	18.24		
20	256QAM	50	0	18.37	18.35	18.28	18.25	19.4	5
20	256QAM	50	24	18.31	18.31	18.31	18.18		
20	256QAM	50	50	18.16	18.29	18.07	18.12		
20	256QAM	100	0	18.21	18.23	18.29	18.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.28	23.24	23.25	23.22	24.4	0
15	QPSK	1	37	23.15	23.17	23.05	23.05		
15	QPSK	1	74	23.13	23.19	23.17	23.05		
15	QPSK	36	0	22.16	22.34	22.17	22.18	23.4	1
15	QPSK	36	20	22.05	22.19	22.06	22.11		
15	QPSK	36	39	21.99	22.14	22.05	22.13		
15	QPSK	75	0	22.26	22.21	22.18	22.21		
15	16QAM	1	0	22.25	22.18	22.22	22.11	23.4	1
15	16QAM	1	37	22.12	22.27	22.07	22.04		
15	16QAM	1	74	22.10	22.19	22.22	22.10		
15	16QAM	36	0	21.22	21.20	21.21	21.10	22.4	2
15	16QAM	36	20	21.05	21.16	21.11	21.03		
15	16QAM	36	39	21.07	21.07	21.01	21.10		
15	16QAM	75	0	21.31	21.29	21.14	21.25		
15	64QAM	1	0	21.21	21.30	21.19	21.13	22.4	2
15	64QAM	1	37	21.22	21.30	20.91	21.07		
15	64QAM	1	74	21.15	21.23	21.15	21.12		
15	64QAM	36	0	20.20	20.25	20.24	20.10	21.4	3
15	64QAM	36	20	20.16	20.17	20.12	20.03		
15	64QAM	36	39	20.12	20.12	20.08	20.11		
15	64QAM	75	0	20.28	20.20	20.25	20.15		
15	256QAM	1	0	18.26	18.27	18.20	18.14	19.4	5
15	256QAM	1	37	18.06	18.25	18.11	18.05		
15	256QAM	1	74	18.11	18.21	18.20	18.13		
15	256QAM	36	0	18.32	18.32	18.22	18.14	19.4	5
15	256QAM	36	20	18.17	18.26	18.23	18.09		
15	256QAM	36	39	18.07	18.22	18.04	18.07		
15	256QAM	75	0	18.09	18.11	18.16	18.22		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.24	23.30	23.15	23.13	24.4	0
10	QPSK	1	25	23.11	23.17	23.06	23.08		
10	QPSK	1	49	23.14	23.15	23.20	23.12		
10	QPSK	25	0	22.25	22.32	22.19	22.21	23.4	1
10	QPSK	25	12	22.14	22.15	22.14	22.02		
10	QPSK	25	25	22.09	22.10	22.12	22.16		
10	QPSK	50	0	22.31	22.27	22.23	22.20		
10	16QAM	1	0	22.29	22.17	22.28	22.09	23.4	1
10	16QAM	1	25	22.13	22.22	22.04	22.13		
10	16QAM	1	49	22.13	22.15	22.14	22.20		
10	16QAM	25	0	21.26	21.20	21.15	21.11	22.4	2
10	16QAM	25	12	21.07	21.18	21.02	21.05		
10	16QAM	25	25	21.06	21.11	21.04	21.18		
10	16QAM	50	0	21.33	21.34	21.20	21.25		
10	64QAM	1	0	21.21	21.29	21.19	21.12	22.4	2
10	64QAM	1	25	21.14	21.24	20.97	21.07		
10	64QAM	1	49	21.18	21.26	21.20	21.04		
10	64QAM	25	0	20.30	20.32	20.23	20.11	21.4	3
10	64QAM	25	12	20.17	20.25	20.14	20.03		
10	64QAM	25	25	20.10	20.12	20.06	20.15		
10	64QAM	50	0	20.34	20.29	20.30	20.13		
10	256QAM	1	0	18.30	18.24	18.13	18.17	19.4	5
10	256QAM	1	25	18.03	18.21	18.13	18.02		
10	256QAM	1	49	18.01	18.22	18.14	18.21		
10	256QAM	25	0	18.26	18.24	18.22	18.17	19.4	5
10	256QAM	25	12	18.19	18.20	18.20	18.12		
10	256QAM	25	25	18.12	18.24	18.02	18.05		
10	256QAM	50	0	18.11	18.21	18.22	18.21		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.20	23.23	23.20	23.20	24.4	0
5	QPSK	1	12	23.16	23.20	23.07	23.09		
5	QPSK	1	24	23.16	23.10	23.20	23.08		
5	QPSK	12	0	22.22	22.27	22.24	22.17	23.4	1
5	QPSK	12	7	22.13	22.23	22.13	22.11		
5	QPSK	12	13	22.08	22.14	22.07	22.09		
5	QPSK	25	0	22.23	22.25	22.23	22.19		
5	16QAM	1	0	22.28	22.19	22.26	22.08	23.4	1
5	16QAM	1	12	22.09	22.25	22.06	22.14		
5	16QAM	1	24	22.19	22.22	22.23	22.14		
5	16QAM	12	0	21.27	21.29	21.16	21.12	22.4	2
5	16QAM	12	7	21.04	21.22	21.01	20.98		
5	16QAM	12	13	21.14	21.08	21.12	21.12		
5	16QAM	25	0	21.32	21.30	21.17	21.18		
5	64QAM	1	0	21.24	21.30	21.24	21.14	22.4	2
5	64QAM	1	12	21.14	21.22	20.91	21.10		
5	64QAM	1	24	21.11	21.25	21.16	21.05		
5	64QAM	12	0	20.23	20.25	20.19	20.19	21.4	3
5	64QAM	12	7	20.13	20.24	20.04	20.03		
5	64QAM	12	13	20.10	20.13	20.07	20.09		
5	64QAM	25	0	20.34	20.24	20.29	20.17		
5	256QAM	1	0	18.26	18.28	18.21	18.19	19.4	5
5	256QAM	1	12	17.97	18.16	18.14	18.00		
5	256QAM	1	24	18.06	18.16	18.16	18.20		
5	256QAM	12	0	18.24	18.23	18.16	18.23	19.4	5
5	256QAM	12	7	18.27	18.22	18.20	18.05		
5	256QAM	12	13	18.09	18.24	18.02	18.04		
5	256QAM	25	0	18.16	18.21	18.20	18.17		

Reduced Power Mode for DSI5

GSM850 Ant0 DSI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.12	32.15	32.11	33.00	23.12	23.15	23.11	24.00
GPRS 1 Tx slot	32.02	32.06	32.01	33.00	23.02	23.06	23.01	24.00
GPRS 2 Tx slots	28.91	28.93	28.90	30.00	22.91	22.93	22.90	24.00
GPRS 3 Tx slots	27.25	27.30	27.22	28.20	22.99	23.04	22.96	23.94
GPRS 4 Tx slots	26.09	26.11	26.05	27.00	23.09	23.11	23.05	24.00
EDGE 1 Tx slot	26.00	26.05	26.02	28.00	17.00	17.05	17.02	19.00
EDGE 2 Tx slots	23.98	24.03	23.95	25.00	17.98	18.03	17.95	19.00
EDGE 3 Tx slots	21.99	22.06	22.01	23.20	17.73	17.80	17.75	18.94
EDGE 4 Tx slots	21.15	21.27	21.21	22.00	18.15	18.27	18.21	19.00

Band		WCDMA V Ant0 DSI5			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.28	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.35	24.22	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.33	23.18	24.00
3GPP Rel 6	HSDPA Subtest-2	23.24	23.35	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	22.74	22.89	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.80	22.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.35	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.39	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.90	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.86	22.67	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.40	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	22.20	22.41	22.17	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.32	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.22	23.32	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.88	20.74	21.50

Band 5 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.19	25.21	25.16	25.7	0
10	QPSK	1	25	25.20	25.17	25.07		
10	QPSK	1	49	25.19	25.16	25.07		
10	QPSK	25	0	24.16	24.23	24.22	24.7	1
10	QPSK	25	12	24.19	24.13	24.08		
10	QPSK	25	25	24.14	24.19	24.11		
10	QPSK	50	0	24.16	24.25	24.19		
10	16QAM	1	0	24.11	24.14	24.21	24.7	1
10	16QAM	1	25	24.13	24.10	24.05		
10	16QAM	1	49	24.13	24.14	24.07		
10	16QAM	25	0	23.18	23.22	23.28	23.7	2
10	16QAM	25	12	23.19	23.09	23.03		
10	16QAM	25	25	23.13	23.20	23.15		
10	16QAM	50	0	23.12	23.27	23.24		
10	64QAM	1	0	23.14	23.20	23.21	23.7	2
10	64QAM	1	25	23.14	23.07	23.02		
10	64QAM	1	49	23.14	23.15	23.03		
10	64QAM	25	0	22.13	22.21	22.16	22.7	3
10	64QAM	25	12	22.17	22.17	22.14		
10	64QAM	25	25	22.11	22.21	22.08		
10	64QAM	50	0	22.20	22.21	22.13		
10	256QAM	1	0	20.19	20.28	20.25	20.7	5
10	256QAM	1	25	20.15	20.10	20.11		
10	256QAM	1	49	20.12	20.21	20.16		
10	256QAM	25	0	20.14	20.30	20.16	20.7	5
10	256QAM	25	12	20.05	20.17	20.23		
10	256QAM	25	25	20.16	20.13	20.10		
10	256QAM	50	0	20.18	20.19	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.16	25.07	25.7	0
5	QPSK	1	12	25.06	25.14	24.97		
5	QPSK	1	24	25.13	25.07	24.96		
5	QPSK	12	0	24.07	24.12	24.15	24.7	1
5	QPSK	12	7	24.06	24.01	24.03		
5	QPSK	12	13	24.09	24.12	24.03		
5	QPSK	25	0	24.10	24.20	24.15		
5	16QAM	1	0	23.99	24.04	24.15	24.7	1
5	16QAM	1	12	24.05	24.02	23.94		
5	16QAM	1	24	24.01	24.06	23.95		
5	16QAM	12	0	23.05	23.14	23.18	23.7	2
5	16QAM	12	7	23.10	23.07	22.90		
5	16QAM	12	13	23.09	23.10	23.10		
5	16QAM	25	0	23.08	23.23	23.22		
5	64QAM	1	0	23.00	23.09	23.12	23.7	2
5	64QAM	1	12	23.11	22.97	22.96		
5	64QAM	1	24	23.08	23.03	22.92		
5	64QAM	12	0	22.03	22.16	22.14	22.7	3
5	64QAM	12	7	22.09	22.14	22.10		
5	64QAM	12	13	22.00	22.18	21.96		
5	64QAM	25	0	22.07	22.08	22.06		
5	256QAM	1	0	20.16	20.17	20.23	20.7	5
5	256QAM	1	12	20.02	20.03	20.05		
5	256QAM	1	24	20.00	20.19	20.02		
5	256QAM	12	0	20.04	20.17	20.05	20.7	5
5	256QAM	12	7	20.01	20.13	20.19		
5	256QAM	12	13	20.04	20.00	20.06		
5	256QAM	25	0	20.07	20.08	19.93		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.14	25.09	25.10	25.7	0
3	QPSK	1	8	25.14	25.15	24.95		
3	QPSK	1	14	25.05	25.05	24.96		
3	QPSK	8	0	24.05	24.20	24.16	24.7	1
3	QPSK	8	4	24.06	23.99	24.03		
3	QPSK	8	7	24.04	24.11	24.01		
3	QPSK	15	0	24.11	24.17	24.16		
3	16QAM	1	0	24.02	24.11	24.15	24.7	1
3	16QAM	1	8	24.09	24.05	23.94		
3	16QAM	1	14	24.00	24.10	23.99		
3	16QAM	8	0	23.08	23.13	23.23	23.7	2
3	16QAM	8	4	23.11	23.03	22.93		
3	16QAM	8	7	23.03	23.08	23.03		
3	16QAM	15	0	23.00	23.24	23.21		
3	64QAM	1	0	23.02	23.17	23.10	23.7	2
3	64QAM	1	8	23.03	22.93	22.90		
3	64QAM	1	14	23.01	23.10	22.96		
3	64QAM	8	0	22.05	22.08	22.09	22.7	3
3	64QAM	8	4	22.05	22.09	22.07		
3	64QAM	8	7	22.01	22.16	21.99		
3	64QAM	15	0	22.10	22.09	22.01		
3	256QAM	1	0	20.11	20.15	20.14	20.7	5
3	256QAM	1	8	20.01	20.05	19.99		
3	256QAM	1	14	20.09	20.07	20.03		
3	256QAM	8	0	20.12	20.18	20.03	20.7	5
3	256QAM	8	4	19.99	20.13	20.21		
3	256QAM	8	7	20.05	20.01	20.00		
3	256QAM	15	0	20.15	20.08	19.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.10	25.11	25.14	25.7	0
1.4	QPSK	1	3	25.12	25.05	25.03		
1.4	QPSK	1	5	25.08	25.03	25.05		
1.4	QPSK	3	0	25.00	25.08	25.03		
1.4	QPSK	3	1	25.06	25.03	24.94		
1.4	QPSK	3	3	24.96	24.90	24.97		
1.4	QPSK	6	0	24.10	24.16	24.14	24.7	1
1.4	16QAM	1	0	24.03	24.06	24.08	24.7	1
1.4	16QAM	1	3	24.05	24.02	23.93		
1.4	16QAM	1	5	24.00	24.07	24.02		
1.4	16QAM	3	0	24.02	24.13	24.06		
1.4	16QAM	3	1	23.90	23.94	24.01		
1.4	16QAM	3	3	23.93	23.90	23.86		
1.4	16QAM	6	0	23.04	23.16	23.16	23.7	2
1.4	64QAM	1	0	23.06	23.11	23.16	23.7	2
1.4	64QAM	1	3	23.02	22.99	22.93		
1.4	64QAM	1	5	23.05	23.07	23.00		
1.4	64QAM	3	0	22.98	23.03	23.06		
1.4	64QAM	3	1	22.98	23.05	23.06		
1.4	64QAM	3	3	22.94	22.97	22.83		
1.4	64QAM	6	0	22.12	22.12	22.10	22.7	3
1.4	256QAM	1	0	20.11	20.21	20.16	20.7	5
1.4	256QAM	1	3	20.01	20.03	20.06		
1.4	256QAM	1	5	19.99	20.18	20.12		
1.4	256QAM	3	0	20.01	20.20	20.02		
1.4	256QAM	3	1	19.99	20.04	20.21		
1.4	256QAM	3	3	20.03	20.00	20.05		
1.4	256QAM	6	0	20.06	20.13	19.99	20.7	5

Band 12 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.72	24.78	24.73	25.5	0
10	QPSK	1	25	24.67	24.71	24.60		
10	QPSK	1	49	24.60	24.69	24.71		
10	QPSK	25	0	23.66	23.82	23.68	24.5	1
10	QPSK	25	12	23.68	23.73	23.55		
10	QPSK	25	25	23.62	23.74	23.66		
10	QPSK	50	0	23.71	23.79	23.75		
10	16QAM	1	0	23.75	23.73	23.72	24.5	1
10	16QAM	1	25	23.65	23.71	23.64		
10	16QAM	1	49	23.61	23.72	23.71		
10	16QAM	25	0	22.64	22.85	22.71	23.5	2
10	16QAM	25	12	22.68	22.70	22.51		
10	16QAM	25	25	22.57	22.74	22.64		
10	16QAM	50	0	22.67	22.81	22.75		
10	64QAM	1	0	22.70	22.79	22.75	23.5	2
10	64QAM	1	25	22.63	22.76	22.69		
10	64QAM	1	49	22.65	22.75	22.70		
10	64QAM	25	0	21.61	21.85	21.71	22.5	3
10	64QAM	25	12	21.72	21.72	21.59		
10	64QAM	25	25	21.59	21.79	21.60		
10	64QAM	50	0	21.67	21.78	21.75		
10	256QAM	1	0	19.67	19.87	19.74	20.5	5
10	256QAM	1	25	19.74	19.73	19.61		
10	256QAM	1	49	19.62	19.73	19.67		
10	256QAM	25	0	19.77	19.85	19.75	20.5	5
10	256QAM	25	12	19.76	19.74	19.77		
10	256QAM	25	25	19.66	19.68	19.66		
10	256QAM	50	0	19.62	19.68	19.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.63	24.65	24.69	25.5	0
5	QPSK	1	12	24.58	24.69	24.53		
5	QPSK	1	24	24.55	24.61	24.66		
5	QPSK	12	0	23.57	23.74	23.57	24.5	1
5	QPSK	12	7	23.60	23.66	23.51		
5	QPSK	12	13	23.57	23.69	23.55		
5	QPSK	25	0	23.65	23.71	23.61		
5	16QAM	1	0	23.62	23.60	23.62	24.5	1
5	16QAM	1	12	23.53	23.66	23.52		
5	16QAM	1	24	23.51	23.64	23.58		
5	16QAM	12	0	22.56	22.73	22.67	23.5	2
5	16QAM	12	7	22.65	22.62	22.47		
5	16QAM	12	13	22.54	22.62	22.54		
5	16QAM	25	0	22.56	22.73	22.61		
5	64QAM	1	0	22.64	22.71	22.69	23.5	2
5	64QAM	1	12	22.50	22.74	22.62		
5	64QAM	1	24	22.60	22.72	22.60		
5	64QAM	12	0	21.48	21.78	21.66	22.5	3
5	64QAM	12	7	21.60	21.62	21.51		
5	64QAM	12	13	21.48	21.72	21.53		
5	64QAM	25	0	21.65	21.73	21.65		
5	256QAM	1	0	19.54	19.78	19.61	20.5	5
5	256QAM	1	12	19.68	19.67	19.58		
5	256QAM	1	24	19.56	19.66	19.55		
5	256QAM	12	0	19.74	19.78	19.62	20.5	5
5	256QAM	12	7	19.69	19.63	19.75		
5	256QAM	12	13	19.60	19.56	19.62		
5	256QAM	25	0	19.51	19.62	19.73		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.66	24.74	24.69	25.5	0
3	QPSK	1	8	24.55	24.62	24.49		
3	QPSK	1	14	24.56	24.64	24.64		
3	QPSK	8	0	23.63	23.72	23.61	24.5	1
3	QPSK	8	4	23.59	23.69	23.44		
3	QPSK	8	7	23.52	23.70	23.58		
3	QPSK	15	0	23.59	23.69	23.65		
3	16QAM	1	0	23.63	23.62	23.59	24.5	1
3	16QAM	1	8	23.52	23.57	23.56		
3	16QAM	1	14	23.48	23.61	23.64		
3	16QAM	8	0	22.62	22.73	22.57	23.5	2
3	16QAM	8	4	22.61	22.66	22.45		
3	16QAM	8	7	22.44	22.66	22.60		
3	16QAM	15	0	22.65	22.69	22.66		
3	64QAM	1	0	22.59	22.68	22.68	23.5	2
3	64QAM	1	8	22.61	22.67	22.65		
3	64QAM	1	14	22.57	22.68	22.59		
3	64QAM	8	0	21.57	21.74	21.59	22.5	3
3	64QAM	8	4	21.60	21.66	21.47		
3	64QAM	8	7	21.47	21.73	21.49		
3	64QAM	15	0	21.54	21.66	21.71		
3	256QAM	1	0	19.55	19.76	19.70	20.5	5
3	256QAM	1	8	19.64	19.70	19.53		
3	256QAM	1	14	19.56	19.61	19.61		
3	256QAM	8	0	19.73	19.81	19.64	20.5	5
3	256QAM	8	4	19.64	19.60	19.65		
3	256QAM	8	7	19.58	19.62	19.55		
3	256QAM	15	0	19.57	19.61	19.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.66	24.74	24.61	25.5	0
1.4	QPSK	1	3	24.63	24.64	24.49		
1.4	QPSK	1	5	24.57	24.64	24.59		
1.4	QPSK	3	0	24.57	24.71	24.55		
1.4	QPSK	3	1	24.57	24.51	24.39		
1.4	QPSK	3	3	24.54	24.52	24.48		
1.4	QPSK	6	0	23.66	23.72	23.70	24.5	1
1.4	16QAM	1	0	23.66	23.60	23.64	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.55		
1.4	16QAM	1	5	23.59	23.67	23.60		
1.4	16QAM	3	0	23.54	23.64	23.65		
1.4	16QAM	3	1	23.57	23.54	23.59		
1.4	16QAM	3	3	23.54	23.51	23.43		
1.4	16QAM	6	0	22.56	22.69	22.62	23.5	2
1.4	64QAM	1	0	22.64	22.72	22.62	23.5	2
1.4	64QAM	1	3	22.49	22.67	22.59		
1.4	64QAM	1	5	22.63	22.69	22.62		
1.4	64QAM	3	0	22.43	22.63	22.49		
1.4	64QAM	3	1	22.52	22.70	22.60		
1.4	64QAM	3	3	22.39	22.61	22.56		
1.4	64QAM	6	0	21.61	21.66	21.70	22.5	3
1.4	256QAM	1	0	19.64	19.80	19.69	20.5	5
1.4	256QAM	1	3	19.63	19.67	19.49		
1.4	256QAM	1	5	19.53	19.70	19.59		
1.4	256QAM	3	0	19.68	19.71	19.68		
1.4	256QAM	3	1	19.65	19.68	19.73		
1.4	256QAM	3	3	19.64	19.55	19.60		
1.4	256QAM	6	0	19.59	19.56	19.70	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.14		25.7	0
10	QPSK	1	25		25.10			
10	QPSK	1	49		25.07			
10	QPSK	25	0		24.10		24.7	1
10	QPSK	25	12		24.08			
10	QPSK	25	25		24.09			
10	QPSK	50	0		24.08			
10	16QAM	1	0		24.05		24.7	1
10	16QAM	1	25		24.03			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.06		23.7	2
10	16QAM	25	12		23.07			
10	16QAM	25	25		23.13			
10	16QAM	50	0		23.07			
10	64QAM	1	0		23.02		23.7	2
10	64QAM	1	25		22.98			
10	64QAM	1	49		22.97			
10	64QAM	25	0		22.10		22.7	3
10	64QAM	25	12		22.08			
10	64QAM	25	25		22.05			
10	64QAM	50	0		22.09			
10	256QAM	1	0		20.05		20.7	5
10	256QAM	1	25		20.04			
10	256QAM	1	49		20.11			
10	256QAM	25	0		20.06		20.7	5
10	256QAM	25	12		20.05			
10	256QAM	25	25		19.98			
10	256QAM	50	0		19.96			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	25.08	25.11	25.06	25.7	0
5	QPSK	1	12	25.07	25.02	25.02		
5	QPSK	1	24	24.99	24.97	25.02		
5	QPSK	12	0	23.98	24.02	24.07	24.7	1
5	QPSK	12	7	23.97	23.99	24.01		
5	QPSK	12	13	24.05	24.02	24.01		
5	QPSK	25	0	24.01	24.02	24.07		
5	16QAM	1	0	24.03	24.05	23.96	24.7	1
5	16QAM	1	12	23.97	23.93	24.02		
5	16QAM	1	24	23.96	23.92	24.00		
5	16QAM	12	0	23.02	23.06	22.98	23.7	2
5	16QAM	12	7	23.06	23.00	22.99		
5	16QAM	12	13	23.13	23.05	23.08		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	22.94	23.00	22.90	23.7	2
5	64QAM	1	12	22.87	22.90	22.87		
5	64QAM	1	24	22.87	22.94	22.95		
5	64QAM	12	0	22.03	22.05	21.99	22.7	3
5	64QAM	12	7	21.98	22.01	21.97		
5	64QAM	12	13	21.96	22.03	21.97		
5	64QAM	25	0	22.06	22.02	22.05		
5	256QAM	1	0	20.00	19.96	19.99	20.7	5
5	256QAM	1	12	19.96	20.01	19.99		
5	256QAM	1	24	20.06	20.06	20.01		
5	256QAM	12	0	20.02	20.00	19.99	20.7	5
5	256QAM	12	7	19.93	19.94	19.95		
5	256QAM	12	13	19.97	19.95	19.90		
5	256QAM	25	0	19.89	19.88	19.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.76	24.80	24.74	25.5	0
10	QPSK	1	25	24.66	24.74	24.65		
10	QPSK	1	49	24.75	24.69	24.67		
10	QPSK	25	0	23.77	23.85	23.78	24.5	1
10	QPSK	25	12	23.70	23.72	23.64		
10	QPSK	25	25	23.80	23.67	23.61		
10	QPSK	50	0	23.77	23.79	23.74		
10	16QAM	1	0	23.72	23.76	23.72	24.5	1
10	16QAM	1	25	23.62	23.77	23.71		
10	16QAM	1	49	23.75	23.71	23.68		
10	16QAM	25	0	22.78	22.91	22.82	23.5	2
10	16QAM	25	12	22.67	22.77	22.68		
10	16QAM	25	25	22.80	22.73	22.65		
10	16QAM	50	0	22.78	22.82	22.78		
10	64QAM	1	0	22.66	22.72	22.75	23.5	2
10	64QAM	1	25	22.66	22.71	22.76		
10	64QAM	1	49	22.79	22.70	22.65		
10	64QAM	25	0	21.72	21.87	21.75	22.5	3
10	64QAM	25	12	21.71	21.68	21.67		
10	64QAM	25	25	21.81	21.70	21.63		
10	64QAM	50	0	21.75	21.80	21.71		
10	256QAM	1	0	19.71	19.85	19.74	20.5	5
10	256QAM	1	25	19.75	19.73	19.58		
10	256QAM	1	49	19.74	19.67	19.64		
10	256QAM	25	0	19.82	19.82	19.78	20.5	5
10	256QAM	25	12	19.70	19.80	19.68		
10	256QAM	25	25	19.65	19.72	19.71		
10	256QAM	50	0	19.71	19.65	19.71		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.70	24.68	24.71	25.5	0
5	QPSK	1	12	24.53	24.70	24.61		
5	QPSK	1	24	24.62	24.65	24.62		
5	QPSK	12	0	23.65	23.81	23.67	24.5	1
5	QPSK	12	7	23.59	23.62	23.55		
5	QPSK	12	13	23.71	23.56	23.55		
5	QPSK	25	0	23.70	23.72	23.71		
5	16QAM	1	0	23.65	23.66	23.66	24.5	1
5	16QAM	1	12	23.58	23.68	23.60		
5	16QAM	1	24	23.73	23.64	23.56		
5	16QAM	12	0	22.76	22.86	22.78	23.5	2
5	16QAM	12	7	22.56	22.71	22.63		
5	16QAM	12	13	22.70	22.59	22.54		
5	16QAM	25	0	22.75	22.73	22.72		
5	64QAM	1	0	22.55	22.67	22.64	23.5	2
5	64QAM	1	12	22.54	22.66	22.63		
5	64QAM	1	24	22.70	22.57	22.55		
5	64QAM	12	0	21.67	21.78	21.70	22.5	3
5	64QAM	12	7	21.66	21.55	21.57		
5	64QAM	12	13	21.74	21.63	21.50		
5	64QAM	25	0	21.64	21.72	21.67		
5	256QAM	1	0	19.68	19.76	19.72	20.5	5
5	256QAM	1	12	19.68	19.69	19.46		
5	256QAM	1	24	19.63	19.61	19.57		
5	256QAM	12	0	19.75	19.72	19.70	20.5	5
5	256QAM	12	7	19.57	19.77	19.54		
5	256QAM	12	13	19.58	19.67	19.58		
5	256QAM	25	0	19.65	19.53	19.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.14	25.20	25.15	25.7	0
15	QPSK	1	37	25.09	25.11	25.07		
15	QPSK	1	74	25.10	25.07	25.09		
15	QPSK	36	0	24.13	24.20	24.11	24.7	1
15	QPSK	36	20	24.07	24.15	24.04		
15	QPSK	36	39	24.09	24.07	24.11		
15	QPSK	75	0	24.13	24.16	24.10		
15	16QAM	1	0	24.10	24.15	24.12	24.7	1
15	16QAM	1	37	24.14	24.07	24.05		
15	16QAM	1	74	24.08	24.02	24.08		
15	16QAM	36	0	23.11	23.18	23.05	23.7	2
15	16QAM	36	20	23.04	23.13	23.05		
15	16QAM	36	39	23.09	23.10	23.08		
15	16QAM	75	0	23.18	23.11	23.15		
15	64QAM	1	0	23.15	23.16	23.13	23.7	2
15	64QAM	1	37	23.08	23.01	23.00		
15	64QAM	1	74	23.10	22.97	23.05		
15	64QAM	36	0	22.12	22.15	22.08	22.7	3
15	64QAM	36	20	22.07	22.15	22.04		
15	64QAM	36	39	22.15	22.05	22.10		
15	64QAM	75	0	22.15	22.22	22.08		
15	256QAM	1	0	20.13	20.14	20.06	20.7	5
15	256QAM	1	37	20.10	20.15	20.03		
15	256QAM	1	74	20.10	20.09	20.12		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.07	20.20	20.16		
15	256QAM	36	39	20.20	20.10	19.99		
15	256QAM	75	0	20.08	20.04	20.03		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.08	25.17	25.04	25.7	0
10	QPSK	1	25	24.95	25.02	25.04		
10	QPSK	1	49	25.04	24.98	24.95		
10	QPSK	25	0	24.03	24.11	23.97	24.7	1
10	QPSK	25	12	23.94	24.09	23.98		
10	QPSK	25	25	24.05	24.01	24.04		
10	QPSK	50	0	24.03	24.07	24.04		
10	16QAM	1	0	24.01	24.04	24.03	24.7	1
10	16QAM	1	25	24.07	24.00	24.01		
10	16QAM	1	49	24.03	23.92	23.95		
10	16QAM	25	0	23.09	23.09	22.98	23.7	2
10	16QAM	25	12	22.93	23.02	22.98		
10	16QAM	25	25	23.04	23.03	23.01		
10	16QAM	50	0	23.07	23.09	23.10		
10	64QAM	1	0	23.07	23.10	23.10	23.7	2
10	64QAM	1	25	22.98	22.94	22.97		
10	64QAM	1	49	22.97	22.85	22.99		
10	64QAM	25	0	21.99	22.11	22.05	22.7	3
10	64QAM	25	12	22.00	22.02	21.95		
10	64QAM	25	25	22.07	21.99	21.96		
10	64QAM	50	0	22.11	22.19	22.01		
10	256QAM	1	0	20.08	20.08	20.00	20.7	5
10	256QAM	1	25	19.97	20.11	19.91		
10	256QAM	1	49	20.03	20.05	20.04		
10	256QAM	25	0	20.11	20.14	20.01	20.7	5
10	256QAM	25	12	19.94	20.11	20.14		
10	256QAM	25	25	20.11	20.08	19.95		
10	256QAM	50	0	19.98	19.91	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.09	25.09	25.09	25.7	0
5	QPSK	1	12	25.00	25.00	25.03		
5	QPSK	1	24	24.97	24.95	25.01		
5	QPSK	12	0	24.07	24.12	23.98	24.7	1
5	QPSK	12	7	23.96	24.04	23.99		
5	QPSK	12	13	24.04	24.05	24.00		
5	QPSK	25	0	24.03	24.02	24.02		
5	16QAM	1	0	24.03	24.02	24.08	24.7	1
5	16QAM	1	12	24.04	24.01	23.96		
5	16QAM	1	24	23.98	23.96	23.95		
5	16QAM	12	0	23.07	23.16	22.99	23.7	2
5	16QAM	12	7	22.99	23.00	23.02		
5	16QAM	12	13	22.96	23.07	23.03		
5	16QAM	25	0	23.06	22.99	23.08		
5	64QAM	1	0	23.10	23.11	23.05	23.7	2
5	64QAM	1	12	23.05	22.98	22.90		
5	64QAM	1	24	23.02	22.89	22.95		
5	64QAM	12	0	22.01	22.06	22.03	22.7	3
5	64QAM	12	7	21.98	22.13	21.96		
5	64QAM	12	13	22.09	21.96	22.05		
5	64QAM	25	0	22.09	22.14	21.94		
5	256QAM	1	0	20.10	20.04	19.99	20.7	5
5	256QAM	1	12	20.01	20.08	19.90		
5	256QAM	1	24	20.03	19.95	20.05		
5	256QAM	12	0	20.12	20.15	19.99	20.7	5
5	256QAM	12	7	19.95	20.07	20.05		
5	256QAM	12	13	20.10	19.98	19.89		
5	256QAM	25	0	20.04	19.95	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.04	25.11	25.10	25.7	0
3	QPSK	1	8	25.03	25.00	25.04		
3	QPSK	1	14	25.01	24.94	24.99		
3	QPSK	8	0	24.05	24.12	24.00	24.7	1
3	QPSK	8	4	23.94	24.09	23.96		
3	QPSK	8	7	24.04	24.02	24.04		
3	QPSK	15	0	24.08	24.09	24.06		
3	16QAM	1	0	23.97	24.13	24.03	24.7	1
3	16QAM	1	8	24.04	23.95	24.00		
3	16QAM	1	14	24.04	23.92	24.03		
3	16QAM	8	0	23.03	23.13	22.97	23.7	2
3	16QAM	8	4	22.96	23.02	22.95		
3	16QAM	8	7	22.99	22.99	22.97		
3	16QAM	15	0	23.12	23.05	23.11		
3	64QAM	1	0	23.05	23.03	23.04	23.7	2
3	64QAM	1	8	23.05	22.92	22.91		
3	64QAM	1	14	23.02	22.88	22.95		
3	64QAM	8	0	22.08	22.12	21.97	22.7	3
3	64QAM	8	4	21.99	22.09	21.96		
3	64QAM	8	7	22.01	21.95	21.99		
3	64QAM	15	0	22.05	22.11	21.99		
3	256QAM	1	0	20.04	20.09	19.95	20.7	5
3	256QAM	1	8	19.97	20.06	19.99		
3	256QAM	1	14	20.08	19.99	20.08		
3	256QAM	8	0	20.13	20.06	20.06	20.7	5
3	256QAM	8	4	20.03	20.07	20.03		
3	256QAM	8	7	20.18	19.99	19.90		
3	256QAM	15	0	20.00	19.95	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.11	25.08	25.03	25.7	0
1.4	QPSK	1	3	25.06	24.97	24.94		
1.4	QPSK	1	5	25.04	25.01	25.07		
1.4	QPSK	3	0	25.01	24.94	24.89		
1.4	QPSK	3	1	25.01	24.86	24.88		
1.4	QPSK	3	3	24.92	24.93	25.00		
1.4	QPSK	6	0	24.05	24.09	23.98	24.7	1
1.4	16QAM	1	0	24.05	24.08	23.99	24.7	1
1.4	16QAM	1	3	24.10	23.98	23.93		
1.4	16QAM	1	5	23.98	23.93	23.98		
1.4	16QAM	3	0	24.01	24.06	23.92		
1.4	16QAM	3	1	24.01	24.01	23.91		
1.4	16QAM	3	3	24.04	23.94	23.85		
1.4	16QAM	6	0	23.06	23.08	23.07	23.7	2
1.4	64QAM	1	0	23.07	23.10	23.03	23.7	2
1.4	64QAM	1	3	23.04	22.96	22.91		
1.4	64QAM	1	5	22.99	22.93	22.91		
1.4	64QAM	3	0	22.98	22.95	23.02		
1.4	64QAM	3	1	23.01	23.00	22.91		
1.4	64QAM	3	3	22.92	22.83	22.86		
1.4	64QAM	6	0	22.11	22.16	22.02	22.7	3
1.4	256QAM	1	0	20.01	20.08	19.93	20.7	5
1.4	256QAM	1	3	20.07	20.03	19.95		
1.4	256QAM	1	5	20.06	20.06	20.04		
1.4	256QAM	3	0	20.06	20.08	19.98		
1.4	256QAM	3	1	20.02	20.12	20.12		
1.4	256QAM	3	3	20.10	20.01	19.91		
1.4	256QAM	6	0	20.03	19.93	19.99	20.7	5

GSM850 Ant1 DSI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	27.37	27.66	27.33	28.40	18.37	18.66	18.33	19.40
GPRS 1 Tx slot	27.36	27.43	27.49	28.40	18.36	18.43	18.49	19.40
GPRS 2 Tx slots	23.91	24.01	23.97	25.40	17.91	18.01	17.97	19.40
GPRS 3 Tx slots	22.06	22.05	22.02	23.60	17.80	17.79	17.76	19.34
GPRS 4 Tx slots	20.85	20.95	20.94	22.40	17.85	17.95	17.94	19.40
EDGE 1 Tx slot	21.93	22.11	22.04	23.40	12.93	13.11	13.04	14.40
EDGE 2 Tx slots	19.39	19.46	19.37	20.40	13.39	13.46	13.37	14.40
EDGE 3 Tx slots	17.68	17.67	17.65	18.60	13.42	13.41	13.39	14.34
EDGE 4 Tx slots	16.14	16.21	16.21	17.40	13.14	13.21	13.21	14.40

Band		WCDMA V Ant1 DSI5			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.33	19.35	19.25	20.70
3GPP Rel 99	RMC 12.2Kbps	19.32	19.36	19.33	20.70
3GPP Rel 6	HSDPA Subtest-1	18.39	18.32	18.33	23.70
3GPP Rel 6	HSDPA Subtest-2	18.38	18.37	18.30	23.70
3GPP Rel 6	HSDPA Subtest-3	17.86	17.89	17.81	23.20
3GPP Rel 6	HSDPA Subtest-4	17.88	17.82	17.83	23.20
3GPP Rel 8	DC-HSDPA Subtest-1	18.28	18.41	18.29	19.70
3GPP Rel 8	DC-HSDPA Subtest-2	18.36	18.42	18.27	19.70
3GPP Rel 8	DC-HSDPA Subtest-3	17.79	17.92	17.81	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	17.75	17.82	17.82	19.20
3GPP Rel 6	HSUPA Subtest-1	18.22	18.34	18.27	19.70
3GPP Rel 6	HSUPA Subtest-2	16.38	16.42	16.21	17.70
3GPP Rel 6	HSUPA Subtest-3	17.41	17.41	17.27	18.70
3GPP Rel 6	HSUPA Subtest-4	16.40	16.39	16.23	17.70
3GPP Rel 6	HSUPA Subtest-5	18.32	18.32	18.27	19.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.79	15.88	15.81	17.20

Band 5 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.22	19.41	19.24	20.5	0
10	QPSK	1	25	19.20	19.34	19.30		
10	QPSK	1	49	19.18	19.28	19.30		
10	QPSK	25	0	19.18	19.37	19.22	20.5	0
10	QPSK	25	12	19.20	19.36	19.21		
10	QPSK	25	25	19.19	19.34	19.28		
10	QPSK	50	0	19.29	19.34	19.19		
10	16QAM	1	0	19.25	19.28	19.30	20.5	0
10	16QAM	1	25	19.20	19.27	19.25		
10	16QAM	1	49	19.19	19.35	19.20		
10	16QAM	25	0	19.24	19.35	19.27	20.5	0
10	16QAM	25	12	19.18	19.33	19.26		
10	16QAM	25	25	19.21	19.32	19.28		
10	16QAM	50	0	19.25	19.32	19.22		
10	64QAM	1	0	19.20	19.35	19.25	20.5	0
10	64QAM	1	25	19.26	19.37	19.28		
10	64QAM	1	49	19.29	19.34	19.27		
10	64QAM	25	0	19.17	19.35	19.20	20.5	0
10	64QAM	25	12	19.26	19.32	19.28		
10	64QAM	25	25	19.23	19.26	19.27		
10	64QAM	50	0	19.26	19.31	19.28		
10	256QAM	1	0	19.20	19.27	19.30	20.5	0
10	256QAM	1	25	19.27	19.27	19.30		
10	256QAM	1	49	19.19	19.33	19.22		
10	256QAM	25	0	19.26	19.27	19.21	20.5	0
10	256QAM	25	12	19.25	19.32	19.27		
10	256QAM	25	25	19.25	19.31	19.28		
10	256QAM	50	0	19.28	19.30	19.28		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.15	19.34	19.17	20.5	0
5	QPSK	1	12	19.13	19.29	19.17		
5	QPSK	1	24	19.05	19.19	19.15		
5	QPSK	12	0	19.07	19.24	19.07	20.5	0
5	QPSK	12	7	19.05	19.28	19.11		
5	QPSK	12	13	19.08	19.28	19.15		
5	QPSK	25	0	19.23	19.20	19.15		
5	16QAM	1	0	19.13	19.14	19.16	20.5	0
5	16QAM	1	12	19.11	19.22	19.20		
5	16QAM	1	24	19.09	19.23	19.10		
5	16QAM	12	0	19.16	19.24	19.22	20.5	0
5	16QAM	12	7	19.11	19.19	19.15		
5	16QAM	12	13	19.07	19.19	19.15		
5	16QAM	25	0	19.21	19.19	19.07		
5	64QAM	1	0	19.15	19.28	19.20	20.5	0
5	64QAM	1	12	19.19	19.27	19.22		
5	64QAM	1	24	19.18	19.23	19.20		
5	64QAM	12	0	19.12	19.31	19.11	20.5	0
5	64QAM	12	7	19.12	19.18	19.15		
5	64QAM	12	13	19.16	19.20	19.12		
5	64QAM	25	0	19.17	19.21	19.20		
5	256QAM	1	0	19.05	19.15	19.21	20.5	0
5	256QAM	1	12	19.22	19.12	19.20		
5	256QAM	1	24	19.14	19.23	19.07		
5	256QAM	12	0	19.18	19.15	19.09	20.5	0
5	256QAM	12	7	19.13	19.23	19.12		
5	256QAM	12	13	19.18	19.17	19.19		
5	256QAM	25	0	19.14	19.25	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.10	19.30	19.12	20.5	0
3	QPSK	1	8	19.12	19.30	19.19		
3	QPSK	1	14	19.13	19.12	19.19		
3	QPSK	8	0	19.10	19.20	19.08	20.5	0
3	QPSK	8	4	19.09	19.23	19.16		
3	QPSK	8	7	19.09	19.26	19.13		
3	QPSK	15	0	19.18	19.30	19.12		
3	16QAM	1	0	19.20	19.16	19.23	20.5	0
3	16QAM	1	8	19.14	19.12	19.20		
3	16QAM	1	14	19.08	19.31	19.16		
3	16QAM	8	0	19.20	19.25	19.16	20.5	0
3	16QAM	8	4	19.05	19.17	19.21		
3	16QAM	8	7	19.15	19.20	19.17		
3	16QAM	15	0	19.18	19.19	19.13		
3	64QAM	1	0	19.14	19.30	19.20	20.5	0
3	64QAM	1	8	19.22	19.29	19.18		
3	64QAM	1	14	19.13	19.23	19.13		
3	64QAM	8	0	19.05	19.31	19.05	20.5	0
3	64QAM	8	4	19.22	19.21	19.14		
3	64QAM	8	7	19.09	19.19	19.14		
3	64QAM	15	0	19.18	19.26	19.23		
3	256QAM	1	0	19.08	19.18	19.17	20.5	0
3	256QAM	1	8	19.17	19.16	19.15		
3	256QAM	1	14	19.08	19.28	19.14		
3	256QAM	8	0	19.21	19.18	19.16	20.5	0
3	256QAM	8	4	19.18	19.23	19.18		
3	256QAM	8	7	19.15	19.24	19.20		
3	256QAM	15	0	19.22	19.24	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.15	19.34	19.18	20.5	0
1.4	QPSK	1	3	19.08	19.25	19.20		
1.4	QPSK	1	5	19.08	19.23	19.25		
1.4	QPSK	3	0	19.09	19.29	19.12		
1.4	QPSK	3	1	19.07	19.22	19.17		
1.4	QPSK	3	3	19.09	19.25	19.13		
1.4	QPSK	6	0	19.24	19.19	19.04	20.5	0
1.4	16QAM	1	0	19.15	19.16	19.20	20.5	0
1.4	16QAM	1	3	19.14	19.18	19.15		
1.4	16QAM	1	5	19.13	19.24	19.05		
1.4	16QAM	3	0	19.19	19.29	19.16		
1.4	16QAM	3	1	19.03	19.24	19.16		
1.4	16QAM	3	3	19.14	19.17	19.20		
1.4	16QAM	6	0	19.15	19.21	19.07	20.5	0
1.4	64QAM	1	0	19.11	19.23	19.10	20.5	0
1.4	64QAM	1	3	19.16	19.23	19.13		
1.4	64QAM	1	5	19.25	19.27	19.13		
1.4	64QAM	3	0	19.04	19.29	19.08		
1.4	64QAM	3	1	19.10	19.20	19.24		
1.4	64QAM	3	3	19.13	19.14	19.18		
1.4	64QAM	6	0	19.21	19.16	19.22	20.5	0
1.4	256QAM	1	0	19.12	19.19	19.23	20.5	0
1.4	256QAM	1	3	19.18	19.15	19.21		
1.4	256QAM	1	5	19.10	19.18	19.13		
1.4	256QAM	3	0	19.20	19.15	19.06		
1.4	256QAM	3	1	19.12	19.22	19.22		
1.4	256QAM	3	3	19.10	19.20	19.14		
1.4	256QAM	6	0	19.23	19.25	19.16	20.5	0

Band 12 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.21	23.07	24	0
10	QPSK	1	25	23.10	23.12	23.10		
10	QPSK	1	49	23.10	23.09	23.08		
10	QPSK	25	0	23.11	23.15	23.06	24	0
10	QPSK	25	12	23.14	23.10	23.04		
10	QPSK	25	25	23.11	23.11	23.10		
10	QPSK	50	0	23.11	23.15	23.08		
10	16QAM	1	0	23.13	23.13	23.06	24	0
10	16QAM	1	25	23.09	23.15	23.14		
10	16QAM	1	49	23.07	23.20	23.05		
10	16QAM	25	0	22.04	22.19	22.10	23	1
10	16QAM	25	12	22.15	22.10	22.10		
10	16QAM	25	25	22.06	22.17	22.04		
10	16QAM	50	0	22.13	22.12	22.07		
10	64QAM	1	0	22.12	22.13	22.14	23	1
10	64QAM	1	25	22.05	22.16	22.03		
10	64QAM	1	49	22.12	22.19	22.04		
10	64QAM	25	0	21.07	21.12	21.09	22	2
10	64QAM	25	12	21.08	21.20	21.02		
10	64QAM	25	25	21.12	21.18	21.05		
10	64QAM	50	0	21.06	21.19	21.11		
10	256QAM	1	0	19.01	19.09	19.12	20	4
10	256QAM	1	25	19.11	19.08	19.10		
10	256QAM	1	49	19.10	19.18	19.08		
10	256QAM	25	0	19.06	19.15	19.09	20	4
10	256QAM	25	12	19.05	19.14	19.02		
10	256QAM	25	25	19.01	19.09	19.07		
10	256QAM	50	0	19.05	19.19	19.02		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.96	23.05	22.99	24	0
5	QPSK	1	12	22.96	22.98	22.97		
5	QPSK	1	24	22.95	22.97	22.97		
5	QPSK	12	0	22.99	22.96	22.92	24	0
5	QPSK	12	7	22.99	23.13	22.96		
5	QPSK	12	13	22.98	23.08	22.99		
5	QPSK	25	0	23.05	23.02	23.03		
5	16QAM	1	0	23.02	22.99	22.93	24	0
5	16QAM	1	12	22.96	23.10	23.00		
5	16QAM	1	24	23.00	23.15	22.91		
5	16QAM	12	0	21.97	22.14	21.97	23	1
5	16QAM	12	7	22.03	21.98	21.96		
5	16QAM	12	13	22.00	22.08	21.99		
5	16QAM	25	0	22.04	21.99	21.98		
5	64QAM	1	0	21.98	22.02	22.05	23	1
5	64QAM	1	12	21.92	22.08	21.91		
5	64QAM	1	24	22.07	22.13	21.90		
5	64QAM	12	0	20.94	21.05	21.01	22	2
5	64QAM	12	7	20.97	21.12	20.96		
5	64QAM	12	13	20.99	21.07	20.92		
5	64QAM	25	0	20.96	21.06	20.98		
5	256QAM	1	0	18.94	18.96	18.99	20	4
5	256QAM	1	12	19.02	19.03	18.96		
5	256QAM	1	24	19.00	19.02	18.97		
5	256QAM	12	0	19.02	19.07	18.95	20	4
5	256QAM	12	7	18.96	19.09	18.98		
5	256QAM	12	13	18.89	19.01	18.98		
5	256QAM	25	0	19.01	19.06	18.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.08	22.97	24	0
3	QPSK	1	8	22.95	23.02	23.04		
3	QPSK	1	14	23.05	22.95	22.94		
3	QPSK	8	0	23.05	23.00	23.00	24	0
3	QPSK	8	4	23.01	23.06	22.88		
3	QPSK	8	7	22.97	23.09	22.97		
3	QPSK	15	0	23.05	23.11	23.00		
3	16QAM	1	0	23.04	23.06	22.96	24	0
3	16QAM	1	8	22.96	23.09	23.03		
3	16QAM	1	14	22.99	23.14	23.00		
3	16QAM	8	0	21.94	22.03	21.96	23	1
3	16QAM	8	4	22.02	22.01	21.95		
3	16QAM	8	7	21.99	22.08	21.92		
3	16QAM	15	0	22.02	22.03	21.92		
3	64QAM	1	0	22.07	22.03	21.99	23	1
3	64QAM	1	8	21.99	22.03	21.91		
3	64QAM	1	14	21.98	22.09	21.92		
3	64QAM	8	0	21.01	20.98	21.03	22	2
3	64QAM	8	4	21.01	21.11	20.86		
3	64QAM	8	7	21.03	21.06	20.98		
3	64QAM	15	0	20.91	21.14	21.05		
3	256QAM	1	0	18.92	18.94	19.07	20	4
3	256QAM	1	8	19.00	19.03	18.96		
3	256QAM	1	14	19.03	19.13	18.94		
3	256QAM	8	0	18.99	19.09	18.94	20	4
3	256QAM	8	4	18.94	19.02	18.98		
3	256QAM	8	7	18.88	19.03	18.99		
3	256QAM	15	0	18.97	19.15	18.97		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.00	23.08	22.97	24	0
1.4	QPSK	1	3	22.96	23.04	22.93		
1.4	QPSK	1	5	22.91	23.06	22.96		
1.4	QPSK	3	0	23.01	23.08	23.03		
1.4	QPSK	3	1	22.97	22.99	22.99		
1.4	QPSK	3	3	22.92	23.01	22.96		
1.4	QPSK	6	0	22.94	22.99	23.03	24	0
1.4	16QAM	1	0	22.96	23.02	23.00	24	0
1.4	16QAM	1	3	22.92	23.04	23.02		
1.4	16QAM	1	5	23.00	23.05	22.95		
1.4	16QAM	3	0	23.00	23.03	22.92		
1.4	16QAM	3	1	22.96	23.04	22.91		
1.4	16QAM	3	3	23.01	23.09	22.91		
1.4	16QAM	6	0	22.05	22.18	22.03	23	1
1.4	64QAM	1	0	22.03	22.09	22.10	23	1
1.4	64QAM	1	3	22.04	22.18	22.11		
1.4	64QAM	1	5	22.12	22.12	22.01		
1.4	64QAM	3	0	22.04	22.15	22.05		
1.4	64QAM	3	1	22.03	22.15	22.08		
1.4	64QAM	3	3	22.09	22.12	22.05		
1.4	64QAM	6	0	21.09	21.16	21.06	22	2
1.4	256QAM	1	0	19.02	19.11	19.10	20	4
1.4	256QAM	1	3	19.03	19.19	19.10		
1.4	256QAM	1	5	19.09	19.14	19.06		
1.4	256QAM	3	0	19.10	19.09	19.05		
1.4	256QAM	3	1	19.02	19.10	19.10		
1.4	256QAM	3	3	19.03	19.20	19.09		
1.4	256QAM	6	0	19.02	19.18	19.08	20	4

Band 13 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.11		22	0
10	QPSK	1	25		21.04			
10	QPSK	1	49		21.08			
10	QPSK	25	0		21.05		22	0
10	QPSK	25	12		21.02			
10	QPSK	25	25		21.03			
10	QPSK	50	0		21.01			
10	16QAM	1	0		21.02		22	0
10	16QAM	1	25		21.05			
10	16QAM	1	49		21.09			
10	16QAM	25	0		21.00		22	0
10	16QAM	25	12		20.99			
10	16QAM	25	25		21.05			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.00		22	0
10	64QAM	1	25		21.03			
10	64QAM	1	49		21.04			
10	64QAM	25	0		21.04		22	0
10	64QAM	25	12		21.07			
10	64QAM	25	25		21.05			
10	64QAM	50	0		21.09			
10	256QAM	1	0		19.49		20.5	1.5
10	256QAM	1	25		19.49			
10	256QAM	1	49		19.53			
10	256QAM	25	0		19.47		20.5	1.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.56			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.97	21.04	21.05	22	0
5	QPSK	1	12	20.99	20.90	20.99		
5	QPSK	1	24	20.92	20.96	20.94		
5	QPSK	12	0	20.94	20.94	20.93	22	0
5	QPSK	12	7	20.95	20.96	20.90		
5	QPSK	12	13	20.94	20.96	20.94		
5	QPSK	25	0	20.97	20.96	20.87		
5	16QAM	1	0	20.96	20.87	20.89	22	0
5	16QAM	1	12	20.97	20.90	20.97		
5	16QAM	1	24	20.96	20.98	20.98		
5	16QAM	12	0	20.92	20.93	20.88	22	0
5	16QAM	12	7	20.83	20.92	20.89		
5	16QAM	12	13	20.89	21.00	20.95		
5	16QAM	25	0	20.88	20.86	20.88		
5	64QAM	1	0	20.96	20.90	20.85	22	0
5	64QAM	1	12	20.93	20.88	20.95		
5	64QAM	1	24	20.90	20.93	20.98		
5	64QAM	12	0	20.99	20.98	20.97	22	0
5	64QAM	12	7	20.98	20.95	20.95		
5	64QAM	12	13	20.94	20.98	20.92		
5	64QAM	25	0	21.08	21.02	21.03		
5	256QAM	1	0	19.40	19.34	19.37	20.5	1.5
5	256QAM	1	12	19.41	19.37	19.40		
5	256QAM	1	24	19.47	19.43	19.40		
5	256QAM	12	0	19.39	19.41	19.36	20.5	1.5
5	256QAM	12	7	19.44	19.41	19.35		
5	256QAM	12	13	19.32	19.32	19.39		
5	256QAM	25	0	19.27	19.38	19.27		

Band 17 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.92	23.13	22.96	24	0
10	QPSK	1	25	22.92	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.92		
10	QPSK	25	0	22.90	23.09	22.91	24	0
10	QPSK	25	12	22.92	23.05	22.89		
10	QPSK	25	25	23.02	23.04	22.98		
10	QPSK	50	0	23.01	23.07	22.93		
10	16QAM	1	0	22.97	23.08	22.96	24	0
10	16QAM	1	25	22.92	23.08	22.91		
10	16QAM	1	49	23.02	23.05	22.97		
10	16QAM	25	0	21.95	22.11	21.93	23	1
10	16QAM	25	12	21.91	22.17	21.93		
10	16QAM	25	25	21.91	22.19	21.99		
10	16QAM	50	0	21.87	22.07	21.99		
10	64QAM	1	0	21.95	22.17	21.91	23	1
10	64QAM	1	25	21.94	22.11	21.94		
10	64QAM	1	49	21.91	22.15	21.98		
10	64QAM	25	0	20.95	21.17	20.95	22	2
10	64QAM	25	12	20.93	21.18	20.96		
10	64QAM	25	25	20.90	21.11	20.94		
10	64QAM	50	0	20.97	21.13	20.93		
10	256QAM	1	0	18.96	19.14	18.99	20	4
10	256QAM	1	25	18.96	19.07	19.00		
10	256QAM	1	49	18.87	19.16	19.00		
10	256QAM	25	0	18.89	19.15	18.92	20	4
10	256QAM	25	12	18.93	19.08	18.94		
10	256QAM	25	25	18.91	19.14	18.99		
10	256QAM	50	0	18.92	19.10	18.98		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.86	22.97	22.89	24	0
5	QPSK	1	12	22.80	23.05	22.84		
5	QPSK	1	24	22.80	23.01	22.80		
5	QPSK	12	0	22.80	23.00	22.77	24	0
5	QPSK	12	7	22.86	23.05	22.84		
5	QPSK	12	13	22.89	23.04	22.88		
5	QPSK	25	0	22.88	23.01	22.87		
5	16QAM	1	0	22.89	22.94	22.91	24	0
5	16QAM	1	12	22.85	22.98	22.83		
5	16QAM	1	24	22.94	22.96	22.84		
5	16QAM	12	0	21.79	22.07	21.85	23	1
5	16QAM	12	7	21.82	22.04	21.84		
5	16QAM	12	13	21.80	22.15	21.91		
5	16QAM	25	0	21.71	21.99	21.85		
5	64QAM	1	0	21.82	22.11	21.87	23	1
5	64QAM	1	12	21.83	21.97	21.84		
5	64QAM	1	24	21.77	22.01	21.92		
5	64QAM	12	0	20.81	21.09	20.83	22	2
5	64QAM	12	7	20.84	21.04	20.91		
5	64QAM	12	13	20.84	21.00	20.78		
5	64QAM	25	0	20.86	21.01	20.83		
5	256QAM	1	0	18.82	19.03	18.94	20	4
5	256QAM	1	12	18.83	18.97	18.94		
5	256QAM	1	24	18.77	19.03	18.92		
5	256QAM	12	0	18.74	19.06	18.80	20	4
5	256QAM	12	7	18.81	19.01	18.82		
5	256QAM	12	13	18.80	19.03	18.84		
5	256QAM	25	0	18.78	18.93	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.34	19.66	19.37	20.5	0
15	QPSK	1	37	19.39	19.52	19.44		
15	QPSK	1	74	19.34	19.58	19.43		
15	QPSK	36	0	19.38	19.62	19.37	20.5	0
15	QPSK	36	20	19.42	19.60	19.37		
15	QPSK	36	39	19.34	19.51	19.39		
15	QPSK	75	0	19.40	19.61	19.38		
15	16QAM	1	0	19.39	19.62	19.42	20.5	0
15	16QAM	1	37	19.39	19.56	19.35		
15	16QAM	1	74	19.31	19.60	19.41		
15	16QAM	36	0	19.36	19.57	19.38	20.5	0
15	16QAM	36	20	19.41	19.58	19.44		
15	16QAM	36	39	19.43	19.51	19.35		
15	16QAM	75	0	19.43	19.58	19.42		
15	64QAM	1	0	19.40	19.54	19.37	20.5	0
15	64QAM	1	37	19.38	19.60	19.42		
15	64QAM	1	74	19.35	19.59	19.38		
15	64QAM	36	0	19.41	19.61	19.36	20.5	0
15	64QAM	36	20	19.34	19.60	19.42		
15	64QAM	36	39	19.36	19.59	19.43		
15	64QAM	75	0	19.34	19.59	19.36		
15	256QAM	1	0	19.34	19.59	19.36	20.5	0
15	256QAM	1	37	19.40	19.58	19.37		
15	256QAM	1	74	19.34	19.62	19.46		
15	256QAM	36	0	19.39	19.52	19.43	20.5	0
15	256QAM	36	20	19.38	19.62	19.46		
15	256QAM	36	39	19.37	19.63	19.39		
15	256QAM	75	0	19.32	19.42	19.40		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.20	19.51	19.28	20.5	0
10	QPSK	1	25	19.25	19.47	19.30		
10	QPSK	1	49	19.26	19.45	19.37		
10	QPSK	25	0	19.26	19.56	19.26	20.5	0
10	QPSK	25	12	19.34	19.51	19.29		
10	QPSK	25	25	19.19	19.44	19.28		
10	QPSK	50	0	19.35	19.47	19.32		
10	16QAM	1	0	19.28	19.48	19.32	20.5	0
10	16QAM	1	25	19.31	19.48	19.19		
10	16QAM	1	49	19.18	19.56	19.33		
10	16QAM	25	0	19.29	19.45	19.29	20.5	0
10	16QAM	25	12	19.34	19.49	19.34		
10	16QAM	25	25	19.28	19.42	19.27		
10	16QAM	50	0	19.31	19.44	19.33		
10	64QAM	1	0	19.33	19.45	19.31	20.5	0
10	64QAM	1	25	19.32	19.46	19.36		
10	64QAM	1	49	19.26	19.44	19.26		
10	64QAM	25	0	19.27	19.50	19.21	20.5	0
10	64QAM	25	12	19.22	19.54	19.29		
10	64QAM	25	25	19.22	19.48	19.39		
10	64QAM	50	0	19.19	19.55	19.26		
10	256QAM	1	0	19.23	19.49	19.23	20.5	0
10	256QAM	1	25	19.28	19.53	19.32		
10	256QAM	1	49	19.30	19.55	19.33		
10	256QAM	25	0	19.34	19.39	19.28	20.5	0
10	256QAM	25	12	19.30	19.57	19.40		
10	256QAM	25	25	19.31	19.54	19.28		
10	256QAM	50	0	19.27	19.37	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.20	19.57	19.32	20.5	0
5	QPSK	1	12	19.34	19.41	19.33		
5	QPSK	1	24	19.25	19.48	19.37		
5	QPSK	12	0	19.22	19.50	19.26	20.5	0
5	QPSK	12	7	19.29	19.54	19.28		
5	QPSK	12	13	19.28	19.39	19.25		
5	QPSK	25	0	19.30	19.55	19.29		
5	16QAM	1	0	19.26	19.54	19.28	20.5	0
5	16QAM	1	12	19.23	19.41	19.30		
5	16QAM	1	24	19.24	19.49	19.34		
5	16QAM	12	0	19.32	19.50	19.30	20.5	0
5	16QAM	12	7	19.35	19.53	19.39		
5	16QAM	12	13	19.36	19.43	19.24		
5	16QAM	25	0	19.27	19.48	19.37		
5	64QAM	1	0	19.29	19.48	19.22	20.5	0
5	64QAM	1	12	19.26	19.53	19.36		
5	64QAM	1	24	19.22	19.47	19.23		
5	64QAM	12	0	19.29	19.50	19.30	20.5	0
5	64QAM	12	7	19.30	19.55	19.34		
5	64QAM	12	13	19.24	19.51	19.34		
5	64QAM	25	0	19.25	19.51	19.26		
5	256QAM	1	0	19.21	19.47	19.23	20.5	0
5	256QAM	1	12	19.27	19.50	19.24		
5	256QAM	1	24	19.23	19.53	19.39		
5	256QAM	12	0	19.25	19.45	19.33	20.5	0
5	256QAM	12	7	19.28	19.47	19.40		
5	256QAM	12	13	19.29	19.50	19.26		
5	256QAM	25	0	19.23	19.32	19.31		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.20	19.55	19.21	20.5	0
3	QPSK	1	8	19.28	19.37	19.29		
3	QPSK	1	14	19.29	19.49	19.33		
3	QPSK	8	0	19.34	19.48	19.26	20.5	0
3	QPSK	8	4	19.38	19.44	19.25		
3	QPSK	8	7	19.24	19.43	19.25		
3	QPSK	15	0	19.31	19.50	19.24		
3	16QAM	1	0	19.32	19.57	19.30	20.5	0
3	16QAM	1	8	19.33	19.44	19.29		
3	16QAM	1	14	19.24	19.54	19.25		
3	16QAM	8	0	19.28	19.41	19.28	20.5	0
3	16QAM	8	4	19.28	19.52	19.37		
3	16QAM	8	7	19.38	19.44	19.26		
3	16QAM	15	0	19.28	19.52	19.28		
3	64QAM	1	0	19.25	19.42	19.32	20.5	0
3	64QAM	1	8	19.30	19.54	19.34		
3	64QAM	1	14	19.25	19.46	19.25		
3	64QAM	8	0	19.35	19.45	19.30	20.5	0
3	64QAM	8	4	19.25	19.55	19.37		
3	64QAM	8	7	19.27	19.50	19.36		
3	64QAM	15	0	19.28	19.55	19.31		
3	256QAM	1	0	19.29	19.52	19.26	20.5	0
3	256QAM	1	8	19.30	19.44	19.33		
3	256QAM	1	14	19.29	19.52	19.40		
3	256QAM	8	0	19.25	19.37	19.35	20.5	0
3	256QAM	8	4	19.32	19.48	19.42		
3	256QAM	8	7	19.25	19.53	19.24		
3	256QAM	15	0	19.26	19.29	19.29		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.27	19.45	19.31	20.5	0
1.4	QPSK	1	3	19.34	19.40	19.30		
1.4	QPSK	1	5	19.22	19.50	19.36		
1.4	QPSK	3	0	19.27	19.57	19.27		
1.4	QPSK	3	1	19.36	19.49	19.32		
1.4	QPSK	3	3	19.21	19.38	19.31		
1.4	QPSK	6	0	19.24	19.56	19.26	20.5	0
1.4	16QAM	1	0	19.32	19.56	19.37	20.5	0
1.4	16QAM	1	3	19.27	19.41	19.25		
1.4	16QAM	1	5	19.20	19.47	19.30		
1.4	16QAM	3	0	19.30	19.47	19.26		
1.4	16QAM	3	1	19.27	19.48	19.35		
1.4	16QAM	3	3	19.36	19.41	19.20		
1.4	16QAM	6	0	19.30	19.53	19.30	20.5	0
1.4	64QAM	1	0	19.29	19.45	19.26	20.5	0
1.4	64QAM	1	3	19.28	19.52	19.34		
1.4	64QAM	1	5	19.29	19.43	19.31		
1.4	64QAM	3	0	19.32	19.46	19.27		
1.4	64QAM	3	1	19.26	19.54	19.29		
1.4	64QAM	3	3	19.30	19.53	19.28		
1.4	64QAM	6	0	19.20	19.49	19.24	20.5	0
1.4	256QAM	1	0	19.20	19.55	19.20	20.5	0
1.4	256QAM	1	3	19.25	19.47	19.31		
1.4	256QAM	1	5	19.20	19.53	19.31		
1.4	256QAM	3	0	19.27	19.44	19.28		
1.4	256QAM	3	1	19.33	19.54	19.33		
1.4	256QAM	3	3	19.25	19.52	19.29		
1.4	256QAM	6	0	19.27	19.35	19.38	20.5	0

Band 4 Other PA Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.85	22.00	21.87	22.7	0
20	QPSK	1	49	21.88	21.99	21.96		
20	QPSK	1	99	21.92	21.94	21.95		
20	QPSK	50	0	21.82	21.95	21.94	22.7	0
20	QPSK	50	24	21.83	21.85	21.94		
20	QPSK	50	50	21.83	21.94	21.89		
20	QPSK	100	0	21.90	21.96	21.87		
20	16QAM	1	0	21.89	21.99	21.90	22.7	0
20	16QAM	1	49	21.92	21.92	21.90		
20	16QAM	1	99	21.86	21.99	21.93		
20	16QAM	50	0	21.88	21.96	21.96	22.7	0
20	16QAM	50	24	21.93	21.97	21.95		
20	16QAM	50	50	21.93	21.99	21.92		
20	16QAM	100	0	21.92	21.97	21.90		
20	64QAM	1	0	21.92	21.90	21.86	22.7	0
20	64QAM	1	49	21.83	21.99	21.87		
20	64QAM	1	99	21.85	21.95	21.86		
20	64QAM	50	0	21.89	21.94	21.95	22.7	0
20	64QAM	50	24	21.83	21.99	21.89		
20	64QAM	50	50	21.87	21.95	21.92		
20	64QAM	100	0	21.91	21.95	21.91		
20	256QAM	1	0	19.93	19.90	19.94	20.7	2
20	256QAM	1	49	19.90	19.94	19.90		
20	256QAM	1	99	19.84	19.99	19.86		
20	256QAM	50	0	19.85	19.92	19.95	20.7	2
20	256QAM	50	24	19.87	19.96	19.93		
20	256QAM	50	50	19.88	20.01	19.95		
20	256QAM	100	0	19.88	19.97	19.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.77	21.94	21.82	22.7	0
15	QPSK	1	37	21.79	21.89	21.83		
15	QPSK	1	74	21.84	21.79	21.87		
15	QPSK	36	0	21.72	21.75	21.89	22.7	0
15	QPSK	36	20	21.75	21.89	21.85		
15	QPSK	36	39	21.76	21.85	21.75		
15	QPSK	75	0	21.74	21.84	21.81		
15	16QAM	1	0	21.82	21.90	21.78	22.7	0
15	16QAM	1	37	21.80	21.76	21.74		
15	16QAM	1	74	21.79	21.94	21.77		
15	16QAM	36	0	21.81	21.83	21.82	22.7	0
15	16QAM	36	20	21.85	21.91	21.86		
15	16QAM	36	39	21.87	21.85	21.85		
15	16QAM	75	0	21.81	21.85	21.83		
15	64QAM	1	0	21.81	21.84	21.76	22.7	0
15	64QAM	1	37	21.74	21.89	21.80		
15	64QAM	1	74	21.71	21.84	21.78		
15	64QAM	36	0	21.78	21.86	21.81	22.7	0
15	64QAM	36	20	21.70	21.92	21.81		
15	64QAM	36	39	21.75	21.82	21.78		
15	64QAM	75	0	21.85	21.91	21.80		
15	256QAM	1	0	19.82	19.79	19.90	20.7	2
15	256QAM	1	37	19.82	19.83	19.83		
15	256QAM	1	74	19.77	19.85	19.75		
15	256QAM	36	0	19.69	19.81	19.81	20.7	2
15	256QAM	36	20	19.76	19.82	19.80		
15	256QAM	36	39	19.84	19.87	19.89		
15	256QAM	75	0	19.76	19.89	19.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.71	21.84	21.83	22.7	0
10	QPSK	1	25	21.73	21.95	21.81		
10	QPSK	1	49	21.83	21.80	21.87		
10	QPSK	25	0	21.67	21.81	21.81	22.7	0
10	QPSK	25	12	21.70	21.95	21.90		
10	QPSK	25	25	21.77	21.87	21.84		
10	QPSK	50	0	21.77	21.91	21.76		
10	16QAM	1	0	21.81	21.94	21.75	22.7	0
10	16QAM	1	25	21.82	21.83	21.80		
10	16QAM	1	49	21.74	21.88	21.80		
10	16QAM	25	0	21.78	21.80	21.90	22.7	0
10	16QAM	25	12	21.79	21.92	21.88		
10	16QAM	25	25	21.87	21.85	21.77		
10	16QAM	50	0	21.87	21.93	21.79		
10	64QAM	1	0	21.77	21.82	21.80	22.7	0
10	64QAM	1	25	21.75	21.83	21.77		
10	64QAM	1	49	21.72	21.82	21.72		
10	64QAM	25	0	21.76	21.81	21.81	22.7	0
10	64QAM	25	12	21.79	21.94	21.82		
10	64QAM	25	25	21.73	21.90	21.82		
10	64QAM	50	0	21.75	21.90	21.76		
10	256QAM	1	0	19.82	19.83	19.79	20.7	2
10	256QAM	1	25	19.76	19.87	19.83		
10	256QAM	1	49	19.70	19.95	19.72		
10	256QAM	25	0	19.77	19.77	19.89	20.7	2
10	256QAM	25	12	19.77	19.90	19.89		
10	256QAM	25	25	19.83	19.85	19.91		
10	256QAM	50	0	19.80	19.89	19.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.72	21.86	21.73	22.7	0
5	QPSK	1	12	21.75	21.91	21.89		
5	QPSK	1	24	21.82	21.88	21.87		
5	QPSK	12	0	21.73	21.85	21.87	22.7	0
5	QPSK	12	7	21.74	21.87	21.79		
5	QPSK	12	13	21.76	21.85	21.83		
5	QPSK	25	0	21.79	21.84	21.75		
5	16QAM	1	0	21.80	21.88	21.77	22.7	0
5	16QAM	1	12	21.85	21.88	21.80		
5	16QAM	1	24	21.73	21.94	21.85		
5	16QAM	12	0	21.77	21.91	21.84	22.7	0
5	16QAM	12	7	21.85	21.83	21.90		
5	16QAM	12	13	21.78	21.86	21.77		
5	16QAM	25	0	21.81	21.83	21.78		
5	64QAM	1	0	21.82	21.76	21.75	22.7	0
5	64QAM	1	12	21.79	21.88	21.80		
5	64QAM	1	24	21.73	21.88	21.72		
5	64QAM	12	0	21.81	21.87	21.88	22.7	0
5	64QAM	12	7	21.69	21.86	21.82		
5	64QAM	12	13	21.82	21.91	21.76		
5	64QAM	25	0	21.81	21.85	21.81		
5	256QAM	1	0	19.81	19.80	19.79	20.7	2
5	256QAM	1	12	19.76	19.87	19.74		
5	256QAM	1	24	19.71	19.85	19.78		
5	256QAM	12	0	19.76	19.77	19.83	20.7	2
5	256QAM	12	7	19.79	19.82	19.84		
5	256QAM	12	13	19.84	19.89	19.83		
5	256QAM	25	0	19.83	19.82	19.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.76	21.94	21.73	22.7	0
3	QPSK	1	8	21.75	21.83	21.87		
3	QPSK	1	14	21.86	21.85	21.90		
3	QPSK	8	0	21.70	21.81	21.79	22.7	0
3	QPSK	8	4	21.78	21.90	21.82		
3	QPSK	8	7	21.72	21.80	21.74		
3	QPSK	15	0	21.75	21.86	21.81		
3	16QAM	1	0	21.78	21.85	21.80	22.7	0
3	16QAM	1	8	21.79	21.84	21.85		
3	16QAM	1	14	21.81	21.86	21.83		
3	16QAM	8	0	21.79	21.90	21.81	22.7	0
3	16QAM	8	4	21.87	21.91	21.89		
3	16QAM	8	7	21.80	21.88	21.88		
3	16QAM	15	0	21.80	21.87	21.80		
3	64QAM	1	0	21.79	21.81	21.75	22.7	0
3	64QAM	1	8	21.71	21.87	21.76		
3	64QAM	1	14	21.77	21.85	21.76		
3	64QAM	8	0	21.76	21.88	21.83	22.7	0
3	64QAM	8	4	21.71	21.83	21.84		
3	64QAM	8	7	21.76	21.89	21.84		
3	64QAM	15	0	21.83	21.88	21.85		
3	256QAM	1	0	19.84	19.74	19.84	20.7	2
3	256QAM	1	8	19.83	19.88	19.78		
3	256QAM	1	14	19.78	19.86	19.70		
3	256QAM	8	0	19.78	19.79	19.86	20.7	2
3	256QAM	8	4	19.80	19.89	19.78		
3	256QAM	8	7	19.78	19.93	19.90		
3	256QAM	15	0	19.76	19.84	19.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.72	21.96	21.81	22.7	0
1.4	QPSK	1	3	21.77	21.86	21.87		
1.4	QPSK	1	5	21.84	21.90	21.88		
1.4	QPSK	3	0	21.68	21.78	21.78		
1.4	QPSK	3	1	21.70	21.92	21.82		
1.4	QPSK	3	3	21.72	21.87	21.75		
1.4	QPSK	6	0	21.56	21.83	21.66	22.7	0
1.4	16QAM	1	0	21.65	21.84	21.72	22.7	0
1.4	16QAM	1	3	21.59	21.89	21.77		
1.4	16QAM	1	5	21.57	21.85	21.74		
1.4	16QAM	3	0	21.58	21.83	21.68		
1.4	16QAM	3	1	21.62	21.86	21.72		
1.4	16QAM	3	3	21.64	21.89	21.73		
1.4	16QAM	6	0	21.62	21.87	21.73	22.7	0
1.4	64QAM	1	0	21.62	21.85	21.65	22.7	0
1.4	64QAM	1	3	21.57	21.92	21.75		
1.4	64QAM	1	5	21.60	21.85	21.65		
1.4	64QAM	3	0	21.60	21.80	21.67		
1.4	64QAM	3	1	21.57	21.88	21.65		
1.4	64QAM	3	3	21.56	21.80	21.67		
1.4	64QAM	6	0	21.63	21.89	21.67	22.7	0
1.4	256QAM	1	0	19.77	19.94	19.78	20.7	2
1.4	256QAM	1	3	19.70	19.99	19.75		
1.4	256QAM	1	5	19.66	19.97	19.86		
1.4	256QAM	3	0	19.72	19.90	19.86		
1.4	256QAM	3	1	19.74	19.98	19.79		
1.4	256QAM	3	3	19.75	19.98	19.84		
1.4	256QAM	6	0	19.73	19.93	19.82	20.7	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.30	21.45	21.20	23	0
20	QPSK	1	49	21.21	21.38	21.20		
20	QPSK	1	99	21.19	21.41	21.26		
20	QPSK	50	0	21.24	21.36	21.24	23	0
20	QPSK	50	24	21.18	21.35	21.23		
20	QPSK	50	50	21.25	21.31	21.16		
20	QPSK	100	0	21.23	21.37	21.19		
20	16QAM	1	0	21.25	21.40	21.21	23	0
20	16QAM	1	49	21.23	21.36	21.24		
20	16QAM	1	99	21.24	21.38	21.19		
20	16QAM	50	0	21.19	21.43	21.17	23	0
20	16QAM	50	24	21.29	21.33	21.16		
20	16QAM	50	50	21.24	21.39	21.17		
20	16QAM	100	0	21.19	21.42	21.26		
20	64QAM	1	0	21.26	21.38	21.16	23	0
20	64QAM	1	49	21.27	21.39	21.20		
20	64QAM	1	99	21.29	21.35	21.19		
20	64QAM	50	0	20.75	20.83	20.67	22.5	0.5
20	64QAM	50	24	20.69	20.92	20.66		
20	64QAM	50	50	20.70	20.88	20.74		
20	64QAM	100	0	20.75	20.87	20.68		
20	256QAM	1	0	18.79	18.90	18.68	20.5	2.5
20	256QAM	1	49	18.70	18.90	18.74		
20	256QAM	1	99	18.72	18.87	18.75		
20	256QAM	50	0	18.70	18.91	18.69	20.5	2.5
20	256QAM	50	24	18.70	18.82	18.69		
20	256QAM	50	50	18.72	18.92	18.74		
20	256QAM	100	0	18.74	18.93	18.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.18	21.23	21.12	23	0
15	QPSK	1	37	21.09	21.31	21.13		
15	QPSK	1	74	21.10	21.29	21.17		
15	QPSK	36	0	21.15	21.23	21.09	23	0
15	QPSK	36	20	21.09	21.20	21.10		
15	QPSK	36	39	21.14	21.29	21.02		
15	QPSK	75	0	21.15	21.23	21.09		
15	16QAM	1	0	21.19	21.27	21.10	23	0
15	16QAM	1	37	21.14	21.22	21.11		
15	16QAM	1	74	21.16	21.25	21.15		
15	16QAM	36	0	21.05	21.29	21.03	23	0
15	16QAM	36	20	21.24	21.21	21.12		
15	16QAM	36	39	21.09	21.30	21.05		
15	16QAM	75	0	21.12	21.35	21.22		
15	64QAM	1	0	21.11	21.23	21.08	23	0
15	64QAM	1	37	21.12	21.25	21.11		
15	64QAM	1	74	21.23	21.25	21.04		
15	64QAM	36	0	20.59	20.75	20.62	22.5	0.5
15	64QAM	36	20	20.60	20.78	20.60		
15	64QAM	36	39	20.64	20.73	20.61		
15	64QAM	75	0	20.69	20.83	20.58		
15	256QAM	1	0	18.66	18.80	18.55	20.5	2.5
15	256QAM	1	37	18.59	18.75	18.67		
15	256QAM	1	74	18.59	18.71	18.70		
15	256QAM	36	0	18.63	18.85	18.64	20.5	2.5
15	256QAM	36	20	18.60	18.73	18.63		
15	256QAM	36	39	18.56	18.76	18.62		
15	256QAM	75	0	18.70	18.87	18.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.14	21.30	21.13	23	0
10	QPSK	1	25	21.13	21.27	21.08		
10	QPSK	1	49	21.10	21.34	21.16		
10	QPSK	25	0	21.14	21.27	21.09	23	0
10	QPSK	25	12	21.02	21.24	21.14		
10	QPSK	25	25	21.20	21.31	21.07		
10	QPSK	50	0	21.09	21.28	21.14		
10	16QAM	1	0	21.19	21.29	21.09	23	0
10	16QAM	1	25	21.18	21.21	21.14		
10	16QAM	1	49	21.11	21.26	21.09		
10	16QAM	25	0	21.09	21.34	21.09	23	0
10	16QAM	25	12	21.19	21.29	21.09		
10	16QAM	25	25	21.19	21.25	21.09		
10	16QAM	50	0	21.09	21.32	21.18		
10	64QAM	1	0	21.22	21.31	21.03	23	0
10	64QAM	1	25	21.16	21.33	21.06		
10	64QAM	1	49	21.23	21.27	21.13		
10	64QAM	25	0	20.59	20.79	20.54	22.5	0.5
10	64QAM	25	12	20.53	20.82	20.59		
10	64QAM	25	25	20.61	20.78	20.65		
10	64QAM	50	0	20.65	20.81	20.60		
10	256QAM	1	0	18.65	18.82	18.55	20.5	2.5
10	256QAM	1	25	18.60	18.81	18.65		
10	256QAM	1	49	18.65	18.81	18.60		
10	256QAM	25	0	18.62	18.75	18.61	20.5	2.5
10	256QAM	25	12	18.57	18.71	18.63		
10	256QAM	25	25	18.67	18.77	18.66		
10	256QAM	50	0	18.60	18.80	18.55		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.15	21.25	21.16	23	0
5	QPSK	1	12	21.13	21.32	21.14		
5	QPSK	1	24	21.03	21.30	21.12		
5	QPSK	12	0	21.10	21.24	21.14	23	0
5	QPSK	12	7	21.08	21.29	21.14		
5	QPSK	12	13	21.18	21.37	21.12		
5	QPSK	25	0	21.07	21.28	21.12		
5	16QAM	1	0	21.12	21.26	21.08	23	0
5	16QAM	1	12	21.10	21.21	21.20		
5	16QAM	1	24	21.11	21.22	21.13		
5	16QAM	12	0	21.05	21.27	21.10	23	0
5	16QAM	12	7	21.20	21.17	21.04		
5	16QAM	12	13	21.19	21.32	21.12		
5	16QAM	25	0	21.11	21.33	21.14		
5	64QAM	1	0	21.17	21.24	21.05	23	0
5	64QAM	1	12	21.16	21.29	21.14		
5	64QAM	1	24	21.22	21.25	21.07		
5	64QAM	12	0	20.63	20.76	20.58	22.5	0.5
5	64QAM	12	7	20.61	20.87	20.53		
5	64QAM	12	13	20.55	20.82	20.66		
5	64QAM	25	0	20.68	20.80	20.57		
5	256QAM	1	0	18.64	18.75	18.56	20.5	2.5
5	256QAM	1	12	18.55	18.83	18.59		
5	256QAM	1	24	18.67	18.83	18.62		
5	256QAM	12	0	18.62	18.81	18.62	20.5	2.5
5	256QAM	12	7	18.64	18.74	18.61		
5	256QAM	12	13	18.60	18.76	18.66		
5	256QAM	25	0	18.60	18.86	18.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.61	21.69	21.49	22.5	0
20	QPSK	1	49	21.63	21.58	21.48		
20	QPSK	1	99	21.53	21.60	21.45		
20	QPSK	50	0	21.54	21.65	21.50	22.5	0
20	QPSK	50	24	21.57	21.61	21.57		
20	QPSK	50	50	21.56	21.59	21.47		
20	QPSK	100	0	21.60	21.66	21.51		
20	16QAM	1	0	21.53	21.65	21.53	22.5	0
20	16QAM	1	49	21.57	21.64	21.55		
20	16QAM	1	99	21.60	21.62	21.54		
20	16QAM	50	0	21.53	21.65	21.56	22.5	0
20	16QAM	50	24	21.65	21.68	21.56		
20	16QAM	50	50	21.61	21.66	21.51		
20	16QAM	100	0	21.58	21.62	21.53		
20	64QAM	1	0	21.61	21.62	21.52	22.5	0
20	64QAM	1	49	21.63	21.65	21.47		
20	64QAM	1	99	21.61	21.64	21.54		
20	64QAM	50	0	21.06	21.18	21.00	22	0.5
20	64QAM	50	24	21.10	21.08	20.97		
20	64QAM	50	50	21.10	21.13	21.02		
20	64QAM	100	0	21.14	21.10	21.00		
20	256QAM	1	0	19.05	19.09	18.98	20	2.5
20	256QAM	1	49	19.04	19.08	19.00		
20	256QAM	1	99	19.09	19.10	18.96		
20	256QAM	50	0	19.10	19.11	19.03	20	2.5
20	256QAM	50	24	19.05	19.12	19.00		
20	256QAM	50	50	19.12	19.10	18.96		
20	256QAM	100	0	19.09	19.09	19.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.50	21.61	21.33	22.5	0
15	QPSK	1	37	21.52	21.47	21.34		
15	QPSK	1	74	21.38	21.45	21.31		
15	QPSK	36	0	21.41	21.51	21.37	22.5	0
15	QPSK	36	20	21.46	21.54	21.46		
15	QPSK	36	39	21.48	21.44	21.32		
15	QPSK	75	0	21.44	21.53	21.38		
15	16QAM	1	0	21.38	21.57	21.37	22.5	0
15	16QAM	1	37	21.47	21.60	21.47		
15	16QAM	1	74	21.51	21.56	21.42		
15	16QAM	36	0	21.39	21.56	21.43	22.5	0
15	16QAM	36	20	21.52	21.52	21.52		
15	16QAM	36	39	21.57	21.54	21.46		
15	16QAM	75	0	21.49	21.57	21.38		
15	64QAM	1	0	21.45	21.49	21.39	22.5	0
15	64QAM	1	37	21.49	21.60	21.33		
15	64QAM	1	74	21.52	21.51	21.46		
15	64QAM	36	0	21.01	21.08	20.92	22	0.5
15	64QAM	36	20	21.05	20.96	20.91		
15	64QAM	36	39	20.95	21.08	20.91		
15	64QAM	75	0	21.02	20.96	20.93		
15	256QAM	1	0	18.99	19.02	18.90	20	2.5
15	256QAM	1	37	18.89	19.02	18.89		
15	256QAM	1	74	19.02	19.01	18.87		
15	256QAM	36	0	18.96	18.98	18.94	20	2.5
15	256QAM	36	20	19.00	18.97	18.93		
15	256QAM	36	39	18.99	19.06	18.87		
15	256QAM	75	0	19.04	18.96	18.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.45	21.51	21.42	22.5	0
10	QPSK	1	25	21.55	21.54	21.40		
10	QPSK	1	49	21.48	21.46	21.38		
10	QPSK	25	0	21.38	21.53	21.37	22.5	0
10	QPSK	25	12	21.53	21.46	21.43		
10	QPSK	25	25	21.47	21.50	21.40		
10	QPSK	50	0	21.47	21.58	21.40		
10	16QAM	1	0	21.48	21.58	21.43	22.5	0
10	16QAM	1	25	21.47	21.54	21.50		
10	16QAM	1	49	21.52	21.56	21.45		
10	16QAM	25	0	21.37	21.58	21.52	22.5	0
10	16QAM	25	12	21.50	21.56	21.46		
10	16QAM	25	25	21.50	21.51	21.43		
10	16QAM	50	0	21.45	21.53	21.43		
10	64QAM	1	0	21.51	21.57	21.39	22.5	0
10	64QAM	1	25	21.49	21.50	21.33		
10	64QAM	1	49	21.53	21.49	21.38		
10	64QAM	25	0	20.93	21.07	20.93	22	0.5
10	64QAM	25	12	20.95	20.96	20.92		
10	64QAM	25	25	21.00	21.01	20.86		
10	64QAM	50	0	20.99	20.99	20.89		
10	256QAM	1	0	18.95	18.98	18.91	20	2.5
10	256QAM	1	25	18.98	19.04	18.94		
10	256QAM	1	49	18.95	19.02	18.84		
10	256QAM	25	0	18.99	19.00	18.98	20	2.5
10	256QAM	25	12	18.96	19.01	18.85		
10	256QAM	25	25	18.98	19.00	18.87		
10	256QAM	50	0	18.95	18.97	18.92		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.52	21.58	21.39	22.5	0
5	QPSK	1	12	21.57	21.43	21.37		
5	QPSK	1	24	21.46	21.51	21.29		
5	QPSK	12	0	21.43	21.61	21.46	22.5	0
5	QPSK	12	7	21.48	21.56	21.46		
5	QPSK	12	13	21.47	21.48	21.38		
5	QPSK	25	0	21.49	21.55	21.35		
5	16QAM	1	0	21.39	21.59	21.37	22.5	0
5	16QAM	1	12	21.42	21.58	21.40		
5	16QAM	1	24	21.49	21.58	21.44		
5	16QAM	12	0	21.39	21.56	21.52	22.5	0
5	16QAM	12	7	21.52	21.53	21.51		
5	16QAM	12	13	21.52	21.54	21.47		
5	16QAM	25	0	21.45	21.47	21.49		
5	64QAM	1	0	21.49	21.54	21.38	22.5	0
5	64QAM	1	12	21.47	21.56	21.42		
5	64QAM	1	24	21.48	21.50	21.45		
5	64QAM	12	0	20.95	21.09	20.87	22	0.5
5	64QAM	12	7	21.03	20.94	20.89		
5	64QAM	12	13	21.01	21.02	20.90		
5	64QAM	25	0	20.98	20.95	20.92		
5	256QAM	1	0	19.01	18.93	18.90	20	2.5
5	256QAM	1	12	18.90	19.00	18.93		
5	256QAM	1	24	18.94	19.00	18.88		
5	256QAM	12	0	19.04	19.06	18.98	20	2.5
5	256QAM	12	7	18.96	18.99	18.87		
5	256QAM	12	13	19.00	19.04	18.84		
5	256QAM	25	0	19.04	19.03	18.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.51	21.60	21.36	22.5	0
3	QPSK	1	8	21.56	21.47	21.42		
3	QPSK	1	14	21.42	21.46	21.31		
3	QPSK	8	0	21.39	21.56	21.42	22.5	0
3	QPSK	8	4	21.41	21.56	21.52		
3	QPSK	8	7	21.47	21.52	21.41		
3	QPSK	15	0	21.56	21.56	21.41		
3	16QAM	1	0	21.46	21.60	21.42	22.5	0
3	16QAM	1	8	21.50	21.54	21.49		
3	16QAM	1	14	21.47	21.57	21.45		
3	16QAM	8	0	21.46	21.59	21.43	22.5	0
3	16QAM	8	4	21.54	21.57	21.46		
3	16QAM	8	7	21.49	21.59	21.37		
3	16QAM	15	0	21.54	21.56	21.39		
3	64QAM	1	0	21.56	21.48	21.47	22.5	0
3	64QAM	1	8	21.48	21.54	21.35		
3	64QAM	1	14	21.47	21.51	21.49		
3	64QAM	8	0	21.01	21.06	20.90	22	0.5
3	64QAM	8	4	20.97	21.00	20.89		
3	64QAM	8	7	20.99	21.02	20.97		
3	64QAM	15	0	21.02	21.02	20.92		
3	256QAM	1	0	18.97	18.99	18.92	20	2.5
3	256QAM	1	8	18.92	19.00	18.88		
3	256QAM	1	14	19.03	19.03	18.80		
3	256QAM	8	0	19.04	18.97	18.97	20	2.5
3	256QAM	8	4	18.98	19.06	18.88		
3	256QAM	8	7	18.96	19.01	18.84		
3	256QAM	15	0	18.93	18.96	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.54	21.59	21.36	22.5	0
1.4	QPSK	1	3	21.47	21.54	21.40		
1.4	QPSK	1	5	21.51	21.58	21.38		
1.4	QPSK	3	0	21.47	21.61	21.38		
1.4	QPSK	3	1	21.45	21.52	21.44		
1.4	QPSK	3	3	21.54	21.56	21.37		
1.4	QPSK	6	0	21.51	21.58	21.35	22.5	0
1.4	16QAM	1	0	21.46	21.59	21.40	22.5	0
1.4	16QAM	1	3	21.57	21.57	21.35		
1.4	16QAM	1	5	21.57	21.61	21.36		
1.4	16QAM	3	0	21.57	21.56	21.37		
1.4	16QAM	3	1	21.56	21.59	21.33		
1.4	16QAM	3	3	21.56	21.62	21.44		
1.4	16QAM	6	0	21.46	21.56	21.38	22.5	0
1.4	64QAM	1	0	21.54	21.57	21.45	22.5	0
1.4	64QAM	1	3	21.56	21.60	21.38		
1.4	64QAM	1	5	21.50	21.53	21.41		
1.4	64QAM	3	0	21.54	21.63	21.36		
1.4	64QAM	3	1	21.50	21.59	21.41		
1.4	64QAM	3	3	21.50	21.63	21.34		
1.4	64QAM	6	0	21.16	21.18	21.02	22	0.5
1.4	256QAM	1	0	18.65	18.68	18.46	20	2.5
1.4	256QAM	1	3	18.56	18.69	18.43		
1.4	256QAM	1	5	18.63	18.67	18.51		
1.4	256QAM	3	0	18.63	18.65	18.44		
1.4	256QAM	3	1	18.63	18.68	18.49		
1.4	256QAM	3	3	18.61	18.68	18.48		
1.4	256QAM	6	0	18.58	18.66	18.45	20	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.05	25	0
20	QPSK	1	49	23.88	24.05	23.98		
20	QPSK	1	99	23.91	24.00	23.96		
20	QPSK	50	0	22.97	23.12	23.00	24	1
20	QPSK	50	24	22.87	22.99	23.00		
20	QPSK	50	50	22.96	22.95	23.00		
20	QPSK	100	0	23.03	23.10	23.05		
20	16QAM	1	0	22.96	23.07	23.05	24	1
20	16QAM	1	49	22.90	23.03	23.00		
20	16QAM	1	99	22.86	22.98	22.98		
20	16QAM	50	0	21.99	22.12	22.00	23	2
20	16QAM	50	24	21.85	21.95	22.04		
20	16QAM	50	50	21.90	21.92	21.95		
20	16QAM	100	0	22.01	22.02	22.05		
20	64QAM	1	0	21.98	22.05	21.99	23	2
20	64QAM	1	49	21.91	22.02	22.05		
20	64QAM	1	99	21.84	21.98	21.95		
20	64QAM	50	0	20.99	21.11	21.05	22	3
20	64QAM	50	24	20.90	21.00	21.05		
20	64QAM	50	50	20.91	20.89	20.96		
20	64QAM	100	0	21.03	21.11	21.09		
20	256QAM	1	0	18.99	19.18	18.99	20	5
20	256QAM	1	49	18.85	19.00	19.00		
20	256QAM	1	99	18.99	18.99	19.06		
20	256QAM	50	0	19.00	19.09	19.15	20	5
20	256QAM	50	24	19.01	19.02	19.09		
20	256QAM	50	50	18.92	19.00	18.98		
20	256QAM	100	0	18.83	18.96	18.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.89	24.08	24.02	25	0
15	QPSK	1	37	23.77	23.91	23.86		
15	QPSK	1	74	23.82	23.91	23.87		
15	QPSK	36	0	22.93	22.99	22.94	24	1
15	QPSK	36	20	22.84	22.92	22.91		
15	QPSK	36	39	22.89	22.82	22.94		
15	QPSK	75	0	23.00	22.99	23.00		
15	16QAM	1	0	22.84	22.97	22.99	24	1
15	16QAM	1	37	22.84	22.91	22.95		
15	16QAM	1	74	22.82	22.90	22.92		
15	16QAM	36	0	21.97	22.03	21.97	23	2
15	16QAM	36	20	21.82	21.89	21.93		
15	16QAM	36	39	21.84	21.90	21.89		
15	16QAM	75	0	21.87	21.92	21.94		
15	64QAM	1	0	21.95	21.94	21.87	23	2
15	64QAM	1	37	21.83	21.94	21.98		
15	64QAM	1	74	21.77	21.86	21.93		
15	64QAM	36	0	20.88	21.08	20.99	22	3
15	64QAM	36	20	20.81	20.95	20.91		
15	64QAM	36	39	20.88	20.80	20.87		
15	64QAM	75	0	20.98	21.07	20.97		
15	256QAM	1	0	18.86	19.12	18.94	20	5
15	256QAM	1	37	18.72	18.92	18.86		
15	256QAM	1	74	18.88	18.94	18.96		
15	256QAM	36	0	18.89	19.01	19.02	20	5
15	256QAM	36	20	18.92	18.94	19.04		
15	256QAM	36	39	18.81	18.97	18.85		
15	256QAM	75	0	18.75	18.90	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.95	24.00	24.00	25	0
10	QPSK	1	25	23.76	24.02	23.85		
10	QPSK	1	49	23.82	23.94	23.84		
10	QPSK	25	0	22.85	22.98	22.88	24	1
10	QPSK	25	12	22.81	22.90	22.88		
10	QPSK	25	25	22.94	22.82	22.88		
10	QPSK	50	0	23.00	23.00	22.97		
10	16QAM	1	0	22.92	23.00	23.00	24	1
10	16QAM	1	25	22.81	22.91	22.87		
10	16QAM	1	49	22.78	22.93	22.91		
10	16QAM	25	0	21.87	22.06	21.89	23	2
10	16QAM	25	12	21.81	21.89	21.95		
10	16QAM	25	25	21.81	21.87	21.87		
10	16QAM	50	0	21.90	21.99	22.02		
10	64QAM	1	0	21.85	21.99	21.96	23	2
10	64QAM	1	25	21.80	21.88	22.00		
10	64QAM	1	49	21.75	21.91	21.86		
10	64QAM	25	0	20.87	21.07	20.95	22	3
10	64QAM	25	12	20.81	20.92	20.95		
10	64QAM	25	25	20.82	20.82	20.89		
10	64QAM	50	0	20.92	21.00	20.97		
10	256QAM	1	0	18.85	19.12	18.95	20	5
10	256QAM	1	25	18.76	18.88	18.92		
10	256QAM	1	49	18.96	18.95	18.94		
10	256QAM	25	0	18.92	18.99	19.08	20	5
10	256QAM	25	12	18.97	18.88	19.04		
10	256QAM	25	25	18.81	18.97	18.87		
10	256QAM	50	0	18.70	18.94	18.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.90	24.04	24.01	25	0
5	QPSK	1	12	23.84	23.96	23.90		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.94	23.03	22.91	24	1
5	QPSK	12	7	22.79	22.92	22.88		
5	QPSK	12	13	22.84	22.85	22.96		
5	QPSK	25	0	23.01	22.97	23.02		
5	16QAM	1	0	22.89	22.95	23.00	24	1
5	16QAM	1	12	22.80	22.92	22.88		
5	16QAM	1	24	22.78	22.96	22.90		
5	16QAM	12	0	21.86	22.06	21.88	23	2
5	16QAM	12	7	21.80	21.85	21.90		
5	16QAM	12	13	21.83	21.86	21.82		
5	16QAM	25	0	21.95	21.97	22.01		
5	64QAM	1	0	21.94	21.92	21.92	23	2
5	64QAM	1	12	21.86	21.96	21.99		
5	64QAM	1	24	21.72	21.95	21.82		
5	64QAM	12	0	20.90	21.08	20.95	22	3
5	64QAM	12	7	20.80	20.93	20.99		
5	64QAM	12	13	20.87	20.84	20.92		
5	64QAM	25	0	20.97	21.05	21.07		
5	256QAM	1	0	18.94	19.10	18.90	20	5
5	256QAM	1	12	18.76	18.97	18.91		
5	256QAM	1	24	18.87	18.96	18.98		
5	256QAM	12	0	18.96	18.99	19.10	20	5
5	256QAM	12	7	18.96	18.89	19.00		
5	256QAM	12	13	18.83	18.90	18.95		
5	256QAM	25	0	18.72	18.88	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.02	24.09	24.10	24.06	24.02	25	0
20	QPSK	1	49	23.88	24.05	24.08	23.95	23.96		
20	QPSK	1	99	23.93	23.95	24.04	23.95	23.94		
20	QPSK	50	0	23.02	23.09	23.14	23.06	23.03	24	1
20	QPSK	50	24	22.85	23.05	23.09	23.00	22.95		
20	QPSK	50	50	22.92	22.98	23.06	22.97	22.93		
20	QPSK	100	0	23.08	23.05	23.09	23.08	23.01		
20	16QAM	1	0	23.06	23.12	23.05	23.07	23.06	24	1
20	16QAM	1	49	22.93	23.02	23.07	22.98	23.01		
20	16QAM	1	99	22.90	22.92	23.09	22.98	22.96		
20	16QAM	50	0	22.08	22.03	22.16	22.04	22.05	23	2
20	16QAM	50	24	21.84	22.00	22.06	22.05	21.99		
20	16QAM	50	50	21.88	21.99	22.12	22.02	21.88		
20	16QAM	100	0	22.05	22.00	22.13	22.12	22.05		
20	64QAM	1	0	22.04	22.14	22.02	22.08	22.09	23	2
20	64QAM	1	49	21.90	22.01	22.09	21.95	22.05		
20	64QAM	1	99	21.91	21.95	22.13	21.95	21.94		
20	64QAM	50	0	21.03	21.15	21.19	21.06	21.07	22	3
20	64QAM	50	24	20.90	21.06	21.15	21.04	20.89		
20	64QAM	50	50	20.93	20.95	21.01	21.01	20.99		
20	64QAM	100	0	21.14	21.02	21.10	21.12	20.98		
20	256QAM	1	0	19.07	19.13	19.18	19.05	19.07	20	5
20	256QAM	1	49	18.89	19.05	19.12	19.04	18.95		
20	256QAM	1	99	18.92	19.03	19.03	18.98	18.88		
20	256QAM	50	0	19.09	19.08	19.08	19.08	19.02	20	5
20	256QAM	50	24	19.04	19.11	19.03	19.07	19.10		
20	256QAM	50	50	18.89	19.03	19.04	19.04	19.00		
20	256QAM	100	0	18.93	18.91	19.10	18.99	18.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.06	24.06	24.04	23.98	25.00	0
15	QPSK	1	37	23.79	23.96	23.97	23.81	23.88		
15	QPSK	1	74	23.86	23.91	24.00	23.83	23.89		
15	QPSK	36	0	22.92	23.02	23.03	22.94	22.97	24	1
15	QPSK	36	20	22.74	22.93	23.00	22.90	22.83		
15	QPSK	36	39	22.89	22.90	22.95	22.93	22.79		
15	QPSK	75	0	22.99	23.02	22.96	23.04	22.87		
15	16QAM	1	0	22.95	23.04	22.92	23.00	22.92	24	1
15	16QAM	1	37	22.84	22.91	22.97	22.92	22.93		
15	16QAM	1	74	22.81	22.86	23.03	22.87	22.88		
15	16QAM	36	0	22.01	21.94	22.09	21.93	21.92	23	2
15	16QAM	36	20	21.71	21.93	21.96	21.92	21.96		
15	16QAM	36	39	21.85	21.94	22.06	21.98	21.85		
15	16QAM	75	0	21.97	21.86	22.10	22.09	21.91		
15	64QAM	1	0	22.00	22.01	21.98	22.01	22.02	23	2
15	64QAM	1	37	21.80	21.94	22.06	21.84	21.95		
15	64QAM	1	74	21.81	21.83	22.06	21.81	21.85		
15	64QAM	36	0	21.00	21.07	21.08	20.93	20.95	22	3
15	64QAM	36	20	20.80	20.95	21.01	20.93	20.80		
15	64QAM	36	39	20.84	20.91	20.92	20.88	20.88		
15	64QAM	75	0	21.05	20.88	21.00	21.04	20.87		
15	256QAM	1	0	19.00	19.03	19.07	18.93	19.00	20	5
15	256QAM	1	37	18.87	19.00	19.08	18.93	18.88		
15	256QAM	1	74	18.88	19.00	18.95	18.90	18.79		
15	256QAM	36	0	19.05	19.02	19.02	18.96	18.99	20	5
15	256QAM	36	20	19.02	18.99	18.92	18.94	19.06		
15	256QAM	36	39	18.80	18.97	18.94	19.00	18.89		
15	256QAM	75	0	18.82	18.89	18.97	18.85	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.99	24.06	23.99	23.91	25.00	0
10	QPSK	1	25	23.82	23.91	23.95	23.90	23.86		
10	QPSK	1	49	23.84	23.91	23.98	23.92	23.83		
10	QPSK	25	0	22.91	23.02	23.04	22.92	22.96	24	1
10	QPSK	25	12	22.72	23.01	22.99	22.93	22.88		
10	QPSK	25	25	22.87	22.90	22.98	22.84	22.89		
10	QPSK	50	0	23.04	22.92	23.00	22.95	22.95		
10	16QAM	1	0	22.93	23.04	22.95	23.04	23.00	24	1
10	16QAM	1	25	22.83	22.90	23.03	22.88	22.97		
10	16QAM	1	49	22.87	22.87	23.02	22.86	22.84		
10	16QAM	25	0	22.05	21.93	22.09	21.90	21.91	23	2
10	16QAM	25	12	21.80	21.88	21.99	21.99	21.95		
10	16QAM	25	25	21.85	21.90	22.02	21.98	21.79		
10	16QAM	50	0	21.93	21.88	22.09	22.09	21.97		
10	64QAM	1	0	21.99	22.01	21.89	21.98	22.00	23	2
10	64QAM	1	25	21.79	21.92	22.06	21.83	21.97		
10	64QAM	1	49	21.77	21.89	22.03	21.92	21.92		
10	64QAM	25	0	20.91	21.06	21.16	21.03	21.00	22	3
10	64QAM	25	12	20.79	21.03	21.11	20.93	20.84		
10	64QAM	25	25	20.84	20.93	20.89	20.98	20.92		
10	64QAM	50	0	21.11	20.89	21.03	21.05	20.90		
10	256QAM	1	0	18.93	19.00	19.14	19.03	18.95	20	5
10	256QAM	1	25	18.85	18.98	19.03	18.92	18.93		
10	256QAM	1	49	18.81	18.95	18.90	18.96	18.84		
10	256QAM	25	0	19.02	19.00	19.02	19.05	18.97	20	5
10	256QAM	25	12	18.92	18.98	18.95	19.05	19.02		
10	256QAM	25	25	18.85	18.97	18.95	18.91	18.90		
10	256QAM	50	0	18.84	18.87	19.02	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	23.96	24.06	23.95	23.94	25.00	0
5	QPSK	1	12	23.75	23.91	24.05	23.84	23.86		
5	QPSK	1	24	23.88	23.85	23.97	23.88	23.83		
5	QPSK	12	0	22.94	23.01	23.06	22.93	22.99	24	1
5	QPSK	12	7	22.76	22.92	23.02	22.93	22.91		
5	QPSK	12	13	22.82	22.95	22.95	22.84	22.85		
5	QPSK	25	0	23.05	22.94	22.99	22.97	22.95		
5	16QAM	1	0	23.04	23.03	22.91	22.94	23.01	24	1
5	16QAM	1	12	22.83	22.88	22.98	22.86	22.91		
5	16QAM	1	24	22.87	22.85	23.01	22.87	22.91		
5	16QAM	12	0	22.05	21.99	22.13	21.96	22.02	23	2
5	16QAM	12	7	21.75	21.95	21.93	21.92	21.86		
5	16QAM	12	13	21.84	21.87	22.02	21.97	21.82		
5	16QAM	25	0	21.99	21.95	22.03	22.06	21.94		
5	64QAM	1	0	21.93	22.07	21.95	22.05	22.05	23	2
5	64QAM	1	12	21.83	21.98	21.96	21.91	21.96		
5	64QAM	1	24	21.82	21.83	22.08	21.83	21.86		
5	64QAM	12	0	20.90	21.03	21.09	20.96	20.95	22	3
5	64QAM	12	7	20.85	20.92	21.06	20.99	20.86		
5	64QAM	12	13	20.83	20.89	20.96	20.97	20.93		
5	64QAM	25	0	21.09	20.93	21.07	21.06	20.89		
5	256QAM	1	0	19.00	19.03	19.15	18.95	18.97	20	5
5	256QAM	1	12	18.84	18.93	18.99	18.99	18.87		
5	256QAM	1	24	18.79	18.98	18.94	18.90	18.86		
5	256QAM	12	0	18.98	19.01	19.03	18.96	18.92	20	5
5	256QAM	12	7	18.94	19.02	18.98	18.94	19.07		
5	256QAM	12	13	18.87	18.95	18.96	18.92	18.96		
5	256QAM	25	0	18.83	18.87	19.06	18.96	18.85		

GSM1900 Ant4 DSI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.52	27.60	27.57	29.00	18.52	18.60	18.57	20.00
GPRS 1 Tx slot	27.45	27.54	27.55	29.00	18.45	18.54	18.55	20.00
GPRS 2 Tx slots	24.48	24.58	24.47	26.00	18.48	18.58	18.47	20.00
GPRS 3 Tx slots	22.50	22.61	22.56	24.20	18.24	18.35	18.30	19.94
GPRS 4 Tx slots	21.36	21.45	21.38	23.00	18.36	18.45	18.38	20.00
EDGE 1 Tx slot	23.46	23.47	23.43	24.50	14.46	14.47	14.43	15.50
EDGE 2 Tx slots	20.19	20.25	20.19	21.50	14.19	14.25	14.19	15.50
EDGE 3 Tx slots	18.55	18.65	18.65	19.70	14.29	14.39	14.39	15.44
EDGE 4 Tx slots	16.75	16.86	16.86	18.50	13.75	13.86	13.86	15.50

Band		WCDMA II Ant4 DSI5			Tune-up Limit (dBm)	WCDMA IV Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.97	16.96	17.01	18.00	16.98	17.07	16.99	18.00
3GPP Rel 99	RMC 12.2Kbps	17.11	17.20	17.19	18.00	17.08	17.13	17.07	18.00
3GPP Rel 6	HSDPA Subtest-1	15.98	16.15	16.21	17.00	15.96	16.07	16.16	17.00
3GPP Rel 6	HSDPA Subtest-2	16.16	16.18	16.16	17.00	16.04	16.07	16.12	17.00
3GPP Rel 6	HSDPA Subtest-3	15.50	15.61	15.64	16.50	15.39	15.61	15.62	16.50
3GPP Rel 6	HSDPA Subtest-4	15.50	15.67	15.60	16.50	15.53	15.71	15.61	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.04	16.12	16.15	17.00	16.02	16.02	16.11	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.08	16.11	16.10	17.00	16.12	16.09	16.17	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.69	15.63	16.50	15.54	15.62	15.62	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.64	15.66	15.72	16.50	15.61	15.62	15.66	16.50
3GPP Rel 6	HSUPA Subtest-1	16.14	16.05	16.07	17.00	16.01	16.03	16.15	17.00
3GPP Rel 6	HSUPA Subtest-2	13.97	14.11	14.19	15.00	13.89	14.10	14.10	15.00
3GPP Rel 6	HSUPA Subtest-3	15.04	15.14	15.07	16.00	15.01	15.19	15.01	16.00
3GPP Rel 6	HSUPA Subtest-4	13.97	14.18	14.09	15.00	13.94	14.13	14.02	15.00
3GPP Rel 6	HSUPA Subtest-5	16.02	16.16	16.09	17.00	16.01	16.18	16.06	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.55	13.69	13.74	14.50	13.58	13.59	13.55	14.50

Band 2 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.41	17.53	17.39	18.5	0
20	QPSK	1	49	17.36	17.48	17.41		
20	QPSK	1	99	17.42	17.46	17.40		
20	QPSK	50	0	17.42	17.48	17.35	18.5	0
20	QPSK	50	24	17.39	17.35	17.42		
20	QPSK	50	50	17.39	17.47	17.39		
20	QPSK	100	0	17.35	17.39	17.35		
20	16QAM	1	0	17.44	17.38	17.34	18.5	0
20	16QAM	1	49	17.44	17.44	17.44		
20	16QAM	1	99	17.42	17.41	17.39		
20	16QAM	50	0	17.41	17.44	17.32	18.5	0
20	16QAM	50	24	17.42	17.44	17.33		
20	16QAM	50	50	17.38	17.46	17.33		
20	16QAM	100	0	17.42	17.39	17.33		
20	64QAM	1	0	17.40	17.39	17.42	18.5	0
20	64QAM	1	49	17.37	17.45	17.33		
20	64QAM	1	99	17.44	17.40	17.36		
20	64QAM	50	0	17.41	17.41	17.40	18.5	0
20	64QAM	50	24	17.44	17.49	17.43		
20	64QAM	50	50	17.44	17.44	17.35		
20	64QAM	100	0	17.45	17.43	17.39		
20	256QAM	1	0	17.35	17.40	17.40	18.5	0
20	256QAM	1	49	17.41	17.45	17.41		
20	256QAM	1	99	17.43	17.49	17.42		
20	256QAM	50	0	17.35	17.46	17.43	18.5	0
20	256QAM	50	24	17.41	17.49	17.34		
[illegible]								

Band 4 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.33	17.49	17.40	18.2	0
20	QPSK	1	49	17.28	17.34	17.37		
20	QPSK	1	99	17.27	17.39	17.34		
20	QPSK	50	0	17.29	17.41	17.37	18.2	0
20	QPSK	50	24	17.38	17.35	17.35		
20	QPSK	50	50	17.33	17.23	17.39		
20	QPSK	100	0	17.28	17.43	17.30		
20	16QAM	1	0	17.39	17.39	17.39	18.2	0
20	16QAM	1	49	17.34	17.37	17.30		
20	16QAM	1	99	17.34	17.36	17.32		
20	16QAM	50	0	17.36	17.34	17.38	18.2	0
20	16QAM	50	24	17.34	17.36	17.34		
20	16QAM	50	50	17.31	17.39	17.34		
20	16QAM	100	0	17.30	17.38	17.39		
20	64QAM	1	0	17.31	17.42	17.39	18.2	0
20	64QAM	1	49	17.36	17.43	17.35		
20	64QAM	1	99	17.35	17.37	17.40		
20	64QAM	50	0	17.39	17.37	17.29	18.2	0
20	64QAM	50	24	17.31	17.38	17.39		
20	64QAM	50	50	17.35	17.38	17.36		
20	64QAM	100	0	17.28	17.44	17.37		
20	256QAM	1	0	17.31	17.43	17.36	18.2	0
20	256QAM	1	49	17.38	17.33	17.34		
20	256QAM	1	99	17.28	17.42	17.39		
20	256QAM	50	0	17.30	17.36	17.30	18.2	0
20	256QAM	50	24	17.29	17.35	17.40		
20	256QAM	50	50	17.35	17.38	17.40		
20	256QAM	100	0	17.27	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.22	17.26	17.27	18.2	0
15	QPSK	1	37	17.19	17.22	17.27		
15	QPSK	1	74	17.16	17.29	17.21		
15	QPSK	36	0	17.22	17.20	17.30	18.2	0
15	QPSK	36	20	17.27	17.28	17.19		
15	QPSK	36	39	17.27	17.36	17.30		
15	QPSK	75	0	17.19	17.31	17.20		
15	16QAM	1	0	17.32	17.25	17.24	18.2	0
15	16QAM	1	37	17.25	17.24	17.21		
15	16QAM	1	74	17.18	17.25	17.19		
15	16QAM	36	0	17.30	17.25	17.31	18.2	0
15	16QAM	36	20	17.24	17.22	17.19		
15	16QAM	36	39	17.25	17.29	17.22		
15	16QAM	75	0	17.23	17.31	17.33		
15	64QAM	1	0	17.20	17.27	17.30	18.2	0
15	64QAM	1	37	17.27	17.38	17.29		
15	64QAM	1	74	17.22	17.28	17.28		
15	64QAM	36	0	17.28	17.32	17.23	18.2	0
15	64QAM	36	20	17.24	17.25	17.27		
15	64QAM	36	39	17.24	17.23	17.29		
15	64QAM	75	0	17.16	17.36	17.32		
15	256QAM	1	0	17.26	17.31	17.25	18.2	0
15	256QAM	1	37	17.34	17.22	17.23		
15	256QAM	1	74	17.24	17.28	17.25		
15	256QAM	36	0	17.21	17.21	17.23	18.2	0
15	256QAM	36	20	17.24	17.29	17.30		
15	256QAM	36	39	17.27	17.23	17.28		
15	256QAM	75	0	17.14	17.34	17.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.17	17.26	17.26	18.2	0
10	QPSK	1	25	17.21	17.25	17.27		
10	QPSK	1	49	17.20	17.24	17.20		
10	QPSK	25	0	17.17	17.24	17.31	18.2	0
10	QPSK	25	12	17.28	17.22	17.28		
10	QPSK	25	25	17.23	17.27	17.33		
10	QPSK	50	0	17.23	17.30	17.20		
10	16QAM	1	0	17.29	17.31	17.32	18.2	0
10	16QAM	1	25	17.21	17.23	17.22		
10	16QAM	1	49	17.29	17.26	17.17		
10	16QAM	25	0	17.22	17.25	17.31	18.2	0
10	16QAM	25	12	17.18	17.25	17.27		
10	16QAM	25	25	17.24	17.32	17.20		
10	16QAM	50	0	17.22	17.32	17.27		
10	64QAM	1	0	17.20	17.28	17.30	18.2	0
10	64QAM	1	25	17.31	17.28	17.24		
10	64QAM	1	49	17.23	17.23	17.35		
10	64QAM	25	0	17.34	17.21	17.23	18.2	0
10	64QAM	25	12	17.21	17.29	17.33		
10	64QAM	25	25	17.23	17.28	17.31		
10	64QAM	50	0	17.19	17.30	17.33		
10	256QAM	1	0	17.16	17.36	17.30	18.2	0
10	256QAM	1	25	17.24	17.20	17.20		
10	256QAM	1	49	17.17	17.36	17.28		
10	256QAM	25	0	17.15	17.30	17.26	18.2	0
10	256QAM	25	12	17.23	17.22	17.29		
10	256QAM	25	25	17.23	17.34	17.30		
10	256QAM	50	0	17.20	17.38	17.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.28	17.28	17.29	18.2	0
5	QPSK	1	12	17.20	17.22	17.30		
5	QPSK	1	24	17.15	17.26	17.19		
5	QPSK	12	0	17.19	17.18	17.29	18.2	0
5	QPSK	12	7	17.29	17.21	17.28		
5	QPSK	12	13	17.29	17.37	17.26		
5	QPSK	25	0	17.18	17.34	17.20		
5	16QAM	1	0	17.31	17.31	17.32	18.2	0
5	16QAM	1	12	17.26	17.23	17.19		
5	16QAM	1	24	17.27	17.32	17.22		
5	16QAM	12	0	17.21	17.27	17.24	18.2	0
5	16QAM	12	7	17.21	17.24	17.29		
5	16QAM	12	13	17.26	17.23	17.28		
5	16QAM	25	0	17.16	17.32	17.32		
5	64QAM	1	0	17.21	17.30	17.25	18.2	0
5	64QAM	1	12	17.26	17.38	17.30		
5	64QAM	1	24	17.24	17.22	17.30		
5	64QAM	12	0	17.29	17.23	17.22	18.2	0
5	64QAM	12	7	17.20	17.30	17.29		
5	64QAM	12	13	17.30	17.34	17.28		
5	64QAM	25	0	17.17	17.35	17.27		
5	256QAM	1	0	17.24	17.32	17.28	18.2	0
5	256QAM	1	12	17.29	17.28	17.28		
5	256QAM	1	24	17.20	17.30	17.25		
5	256QAM	12	0	17.21	17.21	17.26	18.2	0
5	256QAM	12	7	17.13	17.24	17.31		
5	256QAM	12	13	17.20	17.31	17.26		
5	256QAM	25	0	17.18	17.35	17.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.18	17.37	17.35	18.2	0
3	QPSK	1	8	17.21	17.20	17.22		
3	QPSK	1	14	17.18	17.32	17.28		
3	QPSK	8	0	17.15	17.27	17.26	18.2	0
3	QPSK	8	4	17.28	17.30	17.24		
3	QPSK	8	7	17.17	17.30	17.23		
3	QPSK	15	0	17.13	17.29	17.16		
3	16QAM	1	0	17.26	17.26	17.27	18.2	0
[illegible]								

Band 7 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
[illegible]								
15	64QAM	1	0	16.85	16.95	16.83	17.7	0
15	64QAM	1	37	16.90	16.98	16.84		
15	64QAM	1	74	16.88	16.88	16.74		
15	64QAM	36	0	16.93	16.95	16.82	17.7	0
15	64QAM	36	20	16.86	16.87	16.88		
15	64QAM	36	39	16.80	16.90	16.84		
15	64QAM	75	0	16.93	16.97	16.80		
15	256QAM	1	0	16.94	16.90	16.86	17.7	0
15	256QAM	1	37	16.87	16.91	16.78		
15	256QAM	1	74	16.86	16.96	16.85		
15	256QAM	36	0	16.89	16.85	16.82	17.7	0
15	256QAM	36	20	16.96	16.94	16.84		
15	256QAM	36	39	16.82	16.89	16.83		
15	256QAM	75	0	16.79	16.86	16.91		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.81	16.97	16.79	17.7	0
10	QPSK	1	25	16.93	16.88	16.73		
10	QPSK	1	49	16.91	16.87	16.91		
10	QPSK	25	0	16.89	16.87	16.90	17.7	0
10	QPSK	25	12	16.91	16.95	16.80		
10	QPSK	25	25	16.84	16.93	16.76		
10	QPSK	50	0	16.89	16.90	16.87		
10	16QAM	1	0	16.82	16.95	16.86	17.7	0
10	16QAM	1	25	16.96	16.91	16.87		
10	16QAM	1	49	16.83	16.95	16.80		
10	16QAM	25	0	16.88	16.87	16.81	17.7	0
10	16QAM	25	12	16.90	16.84	16.78		
10	16QAM	25	25	16.89	16.95	16.86		
10	16QAM	50	0	16.92	16.96	16.81		
10	64QAM	1	0	16.93	16.99	16.77	17.7	0
10	64QAM	1	25	16.95	16.98	16.83		
10	64QAM	1	49	16.91	16.84	16.80		
10	64QAM	25	0	16.87	16.90	16.75	17.7	0
10	64QAM	25	12	16.94	16.98	16.88		
10	64QAM	25	25	16.87	16.83	16.80		
10	64QAM	50	0	16.90	17.01	16.83		
10	256QAM	1	0	16.94	16.89	16.78	17.7	0
10	256QAM	1	25	16.90	16.99	16.82		
10	256QAM	1	49	16.88	16.91	16.92		
10	256QAM	25	0	16.83	16.84	16.91	17.7	0
10	256QAM	25	12	16.91	17.00	16.80		
10	256QAM	25	25	16.79	16.86	16.87		
10	256QAM	50	0	16.91	16.96	16.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.84	16.92	16.85	17.7	0
5	QPSK	1	12	16.87	16.92	16.81		
5	QPSK	1	24	16.82	16.91	16.88		
5	QPSK	12	0	16.93	16.96	16.89	17.7	0
5	QPSK	12	7	16.97	16.87	16.85		
5	QPSK	12	13	16.92	16.93	16.81		
5	QPSK	25	0	16.90	16.92	16.84		
5	16QAM	1	0	16.84	16.90	16.75	17.7	0
5	16QAM	1	12	16.99	16.96	16.82		
5	16QAM	1	24	16.89	16.95	16.84		
5	16QAM	12	0	16.92	16.96	16.88	17.7	0
5	16QAM	12	7	16.95	16.91	16.81		
5	16QAM	12	13	16.79	16.90	16.91		
5	16QAM	25	0	16.94	16.94	16.84		
5	64QAM	1	0	16.93	16.94	16.75	17.7	0
5	64QAM	1	12	16.96	16.93	16.88		
5	64QAM	1	24	16.90	16.91	16.81		
5	64QAM	12	0	16.91	16.88	16.78	17.7	0
5	64QAM	12	7	16.95	16.93	16.79		
5	64QAM	12	13	16.84	16.92	16.80		
5	64QAM	25	0	16.87	17.01	16.80		
5	256QAM	1	0	16.94	16.98	16.85	17.7	0
5	256QAM	1	12	16.80	16.95	16.73		
5	256QAM	1	24	16.84	16.99	16.87		
5	256QAM	12	0	16.90	16.88	16.85	17.7	0
5	256QAM	12	7	16.89	16.97	16.91		
5	256QAM	12	13	16.82	16.92	16.88		
5	256QAM	25	0	16.90	16.86	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.39	18.59	18.43	19.5	0
20	QPSK	1	49	18.51	18.48	18.43		
20	QPSK	1	99	18.49	18.47	18.40		
20	QPSK	50	0	18.42	18.58	18.49	19.5	0
20	QPSK	50	24	18.44	18.47	18.49		
20	QPSK	50	50	18.45	18.51	18.48		
20	QPSK	100	0	18.44	18.50	18.37		
20	16QAM	1	0	18.46	18.58	18.48	19.5	0
20	16QAM	1	49	18.49	18.49	18.43		
20	16QAM	1	99	18.40	18.53	18.39		
20	16QAM	50	0	18.47	18.58	18.43	19.5	0
20	16QAM	50	24	18.48	18.58	18.38		
20	16QAM	50	50	18.46	18.57	18.41		
20	16QAM	100	0	18.44	18.54	18.39		
20	64QAM	1	0	18.46	18.53	18.47	19.5	0
20	64QAM	1	49	18.44	18.51	18.40		
20	64QAM	1	99	18.44	18.53	18.45		
20	64QAM	50	0	18.47	18.48	18.48	19.5	0
20	64QAM	50	24	18.44	18.58	18.41		
20	64QAM	50	50	18.46	18.47	18.44		
20	64QAM	100	0	18.49	18.50	18.46		
20	256QAM	1	0	18.48	18.53	18.38	19.5	0
20	256QAM	1	49	18.48	18.54	18.39		
20	256QAM	1	99	18.43	18.48	18.37		
20	256QAM	50	0	18.41	18.57	18.41	19.5	0
20	256QAM	50	24	18.46	18.54	18.46		
20	256QAM	50	50	18.51	18.52	18.44		
20	256QAM	100	0	18.45	18.56	18.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.30	18.37	18.38	19.5	0
15	QPSK	1	37	18.35	18.38	18.27		
15	QPSK	1	74	18.41	18.42	18.36		
15	QPSK	36	0	18.36	18.37	18.39	19.5	0
15	QPSK	36	20	18.39	18.43	18.40		
15	QPSK	36	39	18.39	18.48	18.43		
15	QPSK	75	0	18.37	18.40	18.25		
15	16QAM	1	0	18.42	18.48	18.43	19.5	0
15	16QAM	1	37	18.39	18.43	18.31		
15	16QAM	1	74	18.30	18.46	18.23		
15	16QAM	36	0	18.36	18.43	18.37	19.5	0
15	16QAM	36	20	18.37	18.49	18.29		
15	16QAM	36	39	18.37	18.48	18.29		
15	16QAM	75	0	18.29	18.44	18.24		
15	64QAM	1	0	18.33	18.43	18.33	19.5	0
15	64QAM	1	37	18.29	18.36	18.28		
15	64QAM	1	74	18.28	18.42	18.35		
15	64QAM	36	0	18.31	18.40	18.33	19.5	0
15	64QAM	36	20	18.35	18.43	18.33		
15	64QAM	36	39	18.41	18.34	18.29		
15	64QAM	75	0	18.43	18.40	18.31		
15	256QAM	1	0	18.40	18.44	18.27	19.5	0
15	256QAM	1	37	18.43	18.39	18.28		
15	256QAM	1	74	18.28	18.39	18.29		
15	256QAM	36	0	18.29	18.45	18.36	19.5	0
15	256QAM	36	20	18.40	18.50	18.40		
15	256QAM	36	39	18.36	18.45	18.40		
15	256QAM	75	0	18.35	18.45	18.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.32	18.39	18.38	19.5	0
10	QPSK	1	25	18.40	18.40	18.38		
10	QPSK	1	49	18.40	18.31	18.33		
10	QPSK	25	0	18.31	18.38	18.43	19.5	0
10	QPSK	25	12	18.35	18.42	18.44		
10	QPSK	25	25	18.30	18.50	18.35		
10	QPSK	50	0	18.36	18.42	18.31		
10	16QAM	1	0	18.33	18.46	18.36	19.5	0
10	16QAM	1	25	18.43	18.34	18.34		
10	16QAM	1	49	18.31	18.42	18.30		
10	16QAM	25	0	18.40	18.53	18.36	19.5	0
10	16QAM	25	12	18.32	18.44	18.30		
10	16QAM	25	25	18.39	18.45	18.33		
10	16QAM	50	0	18.32	18.46	18.27		
10	64QAM	1	0	18.39	18.46	18.39	19.5	0
10	64QAM	1	25	18.31	18.38	18.34		
10	64QAM	1	49	18.34	18.44	18.34		
10	64QAM	25	0	18.36	18.40	18.39	19.5	0
10	64QAM	25	12	18.35	18.43	18.30		
10	64QAM	25	25	18.31	18.32	18.30		
10	64QAM	50	0	18.39	18.35	18.37		
10	256QAM	1	0	18.35	18.43	18.24	19.5	0
10	256QAM	1	25	18.34	18.47	18.28		
10	256QAM	1	49	18.33	18.34	18.29		
10	256QAM	25	0	18.29	18.48	18.35	19.5	0
10	256QAM	25	12	18.33	18.47	18.34		
10	256QAM	25	25	18.42	18.43	18.34		
10	256QAM	50	0	18.39	18.44	18.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.25	18.44	18.36	19.5	0
5	QPSK	1	12	18.39	18.40	18.37		
5	QPSK	1	24	18.37	18.32	18.31		
5	QPSK	12	0	18.30	18.44	18.43	19.5	0
5	QPSK	12	7	18.38	18.32	18.35		
5	QPSK	12	13	18.35	18.50	18.42		
5	QPSK	25	0	18.28	18.36	18.27		
5	16QAM	1	0	18.40	18.53	18.33	19.5	0
5	16QAM	1	12	18.34	18.40	18.31		
5	16QAM	1	24	18.25	18.39	18.30		
5	16QAM	12	0	18.39	18.53	18.34	19.5	0
5	16QAM	12	7	18.32	18.53	18.33		
5	16QAM	12	13	18.31	18.45	18.29		
5	16QAM	25	0	18.39	18.40	18.29		
5	64QAM	1	0	18.36	18.49	18.32	19.5	0
5	64QAM	1	12	18.33	18.46	18.24		
5	64QAM	1	24	18.34	18.39	18.39		
5	64QAM	12	0	18.34	18.42	18.39	19.5	0
5	64QAM	12	7	18.36	18.48	18.36		
5	64QAM	12	13	18.37	18.37	18.38		
5	64QAM	25	0	18.34	18.34	18.36		
5	256QAM	1	0	18.43	18.41	18.27	19.5	0
5	256QAM	1	12	18.40	18.47	18.30		
5	256QAM	1	24	18.32	18.42	18.27		
5	256QAM	12	0	18.27	18.42	18.35	19.5	0
5	256QAM	12	7	18.33	18.48	18.39		
5	256QAM	12	13	18.36	18.46	18.35		
5	256QAM	25	0	18.37	18.43	18.33		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.34	18.37	18.34	19.5	0
3	QPSK	1	8	18.47	18.38	18.32		
3	QPSK	1	14	18.42	18.35	18.33		
3	QPSK	8	0	18.37	18.39	18.39	19.5	0
3	QPSK	8	4	18.30	18.32	18.34		
3	QPSK	8	7	18.32	18.41	18.41		
3	QPSK	15	0	18.35	18.42	18.29		
3	16QAM	1	0	18.38	18.52	18.34	19.5	0
3	16QAM	1	8	18.33	18.39	18.30		
3	16QAM	1	14	18.25	18.47	18.27		
3	16QAM	8	0	18.39	18.50	18.30	19.5	0
3	16QAM	8	4	18.34	18.49	18.25		
3	16QAM	8	7	18.40	18.50	18.26		
3	16QAM	15	0	18.32	18.41	18.32		
3	64QAM	1	0	18.33	18.38	18.34	19.5	0
3	64QAM	1	8	18.34	18.46	18.26		
3	64QAM	1	14	18.34	18.39	18.31		
3	64QAM	8	0	18.33	18.38	18.37	19.5	0
3	64QAM	8	4	18.39	18.43	18.31		
3	64QAM	8	7	18.35	18.37	18.36		
3	64QAM	15	0	18.35	18.39	18.41		
3	256QAM	1	0	18.39	18.44	18.32	19.5	0
3	256QAM	1	8	18.41	18.40	18.31		
3	256QAM	1	14	18.29	18.40	18.31		
3	256QAM	8	0	18.35	18.43	18.33	19.5	0
3	256QAM	8	4	18.31	18.44	18.38		
3	256QAM	8	7	18.44	18.46	18.31		
3	256QAM	15	0	18.29	18.42	18.33		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.28	18.40	18.29	19.5	0
1.4	QPSK	1	3	18.36	18.37	18.35		
1.4	QPSK	1	5	18.37	18.43	18.27		
1.4	QPSK	3	0	18.30	18.44	18.39		
1.4	QPSK	3	1	18.36	18.39	18.40		
1.4	QPSK	3	3	18.40	18.44	18.39		
1.4	QPSK	6	0	18.33	18.40	18.27	19.5	0
1.4	16QAM	1	0	18.40	18.46	18.41	19.5	0
1.4	16QAM	1	3	18.39	18.34	18.34		
1.4	16QAM	1	5	18.26	18.41	18.30		
1.4	16QAM	3	0	18.36	18.51	18.27		
1.4	16QAM	3	1	18.37	18.51	18.34		
1.4	16QAM	3	3	18.42	18.50	18.27		
1.4	16QAM	6	0	18.40	18.41	18.25	19.5	0
1.4	64QAM	1	0	18.35	18.41	18.37	19.5	0
1.4	64QAM	1	3	18.28	18.36	18.26		
1.4	64QAM	1	5	18.30	18.46	18.39		
1.4	64QAM	3	0	18.35	18.37	18.41		
1.4	64QAM	3	1	18.39	18.52	18.30		
1.4	64QAM	3	3	18.37	18.41	18.32		
1.4	64QAM	6	0	18.35	18.43	18.35	19.5	0
1.4	256QAM	1	0	18.33	18.42	18.23	19.5	0
1.4	256QAM	1	3	18.41	18.46	18.28		
1.4	256QAM	1	5	18.29	18.42	18.28		
1.4	256QAM	3	0	18.37	18.42	18.35		
1.4	256QAM	3	1	18.31	18.40	18.34		
1.4	256QAM	3	3	18.40	18.39	18.34		
1.4	256QAM	6	0	18.36	18.46	18.35	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.92	18.05	17.86	19	0
20	QPSK	1	49	17.91	17.98	17.92		
20	QPSK	1	99	17.86	17.91	17.83		
20	QPSK	50	0	17.87	17.98	17.90	19	0
20	QPSK	50	24	17.89	17.90	17.85		
20	QPSK	50	50	17.89	17.93	17.88		
20	QPSK	100	0	17.93	17.94	17.88		
20	16QAM	1	0	17.95	17.95	17.90	19	0
20	16QAM	1	49	17.87	17.99	17.84		
20	16QAM	1	99	17.98	17.91	17.88		
20	16QAM	50	0	17.87	17.98	17.86	19	0
20	16QAM	50	24	17.95	18.00	17.87		
20	16QAM	50	50	17.92	17.94	17.90		
20	16QAM	100	0	17.90	17.94	17.83		
20	64QAM	1	0	17.93	17.99	17.82	19	0
20	64QAM	1	49	17.97	17.99	17.86		
20	64QAM	1	99	17.90	17.96	17.90		
20	64QAM	50	0	17.96	17.94	17.88	19	0
20	64QAM	50	24	17.95	18.01	17.89		
20	64QAM	50	50	17.94	17.98	17.89		
20	64QAM	100	0	17.93	17.98	17.91		
20	256QAM	1	0	17.88	17.99	17.92	19	0
20	256QAM	1	49	17.95	17.93	17.86		
20	256QAM	1	99	17.89	17.93	17.93		
20	256QAM	50	0	17.97	17.95	17.86	19	0
20	256QAM	50	24	17.91	17.97	17.82		
20	256QAM	50	50	17.90	17.95	17.91		
20	256QAM	100	0	17.91	17.96	17.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.79	17.88	17.72	19	0
15	QPSK	1	37	17.80	17.87	17.87		
15	QPSK	1	74	17.80	17.84	17.70		
15	QPSK	36	0	17.81	17.78	17.84	19	0
15	QPSK	36	20	17.78	17.84	17.77		
15	QPSK	36	39	17.80	17.87	17.82		
15	QPSK	75	0	17.86	17.84	17.84		
15	16QAM	1	0	17.89	17.90	17.76	19	0
15	16QAM	1	37	17.79	17.93	17.74		
15	16QAM	1	74	17.83	17.87	17.80		
15	16QAM	36	0	17.78	17.86	17.82	19	0
15	16QAM	36	20	17.81	17.88	17.79		
15	16QAM	36	39	17.83	17.85	17.82		
15	16QAM	75	0	17.82	17.80	17.79		
15	64QAM	1	0	17.86	17.86	17.75	19	0
15	64QAM	1	37	17.93	17.85	17.71		
15	64QAM	1	74	17.85	17.83	17.75		
15	64QAM	36	0	17.91	17.82	17.80	19	0
15	64QAM	36	20	17.85	17.95	17.84		
15	64QAM	36	39	17.81	17.84	17.75		
15	64QAM	75	0	17.82	17.83	17.81		
15	256QAM	1	0	17.78	17.85	17.81	19	0
15	256QAM	1	37	17.89	17.89	17.76		
15	256QAM	1	74	17.77	17.78	17.80		
15	256QAM	36	0	17.88	17.80	17.77	19	0
15	256QAM	36	20	17.85	17.84	17.72		
15	256QAM	36	39	17.83	17.83	17.86		
15	256QAM	75	0	17.78	17.82	17.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.88	17.82	17.73	19	0
10	QPSK	1	25	17.85	17.88	17.81		
10	QPSK	1	49	17.70	17.87	17.74		
10	QPSK	25	0	17.78	17.89	17.79	19	0
10	QPSK	25	12	17.78	17.84	17.71		
10	QPSK	25	25	17.76	17.81	17.79		
10	QPSK	50	0	17.85	17.85	17.76		
10	16QAM	1	0	17.83	17.89	17.78	19	0
10	16QAM	1	25	17.74	17.90	17.76		
10	16QAM	1	49	17.87	17.77	17.77		
10	16QAM	25	0	17.83	17.90	17.73	19	0
10	16QAM	25	12	17.81	17.87	17.75		
10	16QAM	25	25	17.79	17.85	17.75		
10	16QAM	50	0	17.84	17.86	17.69		
10	64QAM	1	0	17.89	17.91	17.77	19	0
10	64QAM	1	25	17.81	17.92	17.80		
10	64QAM	1	49	17.84	17.87	17.84		
10	64QAM	25	0	17.82	17.85	17.80	19	0
10	64QAM	25	12	17.87	17.89	17.85		
10	64QAM	25	25	17.89	17.86	17.78		
10	64QAM	50	0	17.86	17.83	17.75		
10	256QAM	1	0	17.76	17.88	17.80	19	0
10	256QAM	1	25	17.89	17.87	17.79		
10	256QAM	1	49	17.81	17.86	17.80		
10	256QAM	25	0	17.84	17.82	17.79	19	0
10	256QAM	25	12	17.76	17.90	17.76		
10	256QAM	25	25	17.76	17.89	17.76		
10	256QAM	50	0	17.78	17.90	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.78	17.86	17.81	19	0
5	QPSK	1	12	17.79	17.83	17.77		
5	QPSK	1	24	17.75	17.82	17.71		
5	QPSK	12	0	17.81	17.85	17.76	19	0
5	QPSK	12	7	17.74	17.74	17.73		
5	QPSK	12	13	17.74	17.86	17.81		
5	QPSK	25	0	17.78	17.84	17.77		
5	16QAM	1	0	17.80	17.90	17.74	19	0
5	16QAM	1	12	17.77	17.84	17.73		
5	16QAM	1	24	17.89	17.84	17.82		
5	16QAM	12	0	17.75	17.92	17.71	19	0
5	16QAM	12	7	17.80	17.85	17.82		
5	16QAM	12	13	17.86	17.81	17.77		
5	16QAM	25	0	17.76	17.79	17.73		
5	64QAM	1	0	17.79	17.87	17.72	19	0
5	64QAM	1	12	17.90	17.93	17.80		
5	64QAM	1	24	17.77	17.92	17.83		
5	64QAM	12	0	17.85	17.87	17.74	19	0
5	64QAM	12	7	17.91	17.97	17.85		
5	64QAM	12	13	17.89	17.94	17.79		
5	64QAM	25	0	17.89	17.84	17.80		
5	256QAM	1	0	17.77	17.86	17.78	19	0
5	256QAM	1	12	17.85	17.81	17.82		
5	256QAM	1	24	17.82	17.84	17.79		
5	256QAM	12	0	17.84	17.87	17.78	19	0
5	256QAM	12	7	17.84	17.85	17.75		
5	256QAM	12	13	17.81	17.86	17.76		
5	256QAM	25	0	17.81	17.90	17.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.79	17.86	17.72	19	0
3	QPSK	1	8	17.85	17.88	17.78		
3	QPSK	1	14	17.75	17.82	17.67		
3	QPSK	8	0	17.82	17.78	17.82	19	0
3	QPSK	8	4	17.79	17.86	17.80		
3	QPSK	8	7	17.84	17.81	17.82		
3	QPSK	15	0	17.82	17.77	17.81		
3	16QAM	1	0	17.84	17.82	17.78	19	0
3	16QAM	1	8	17.80	17.84	17.69		
3	16QAM	1	14	17.86	17.85	17.83		
3	16QAM	8	0	17.74	17.89	17.80	19	0
3	16QAM	8	4	17.88	17.90	17.72		
3	16QAM	8	7	17.87	17.89	17.84		
3	16QAM	15	0	17.76	17.81	17.72		
3	64QAM	1	0	17.79	17.95	17.76	19	0
3	64QAM	1	8	17.93	17.93	17.74		
3	64QAM	1	14	17.83	17.83	17.83		
3	64QAM	8	0	17.84	17.79	17.79	19	0
3	64QAM	8	4	17.81	17.90	17.83		
3	64QAM	8	7	17.89	17.85	17.79		
3	64QAM	15	0	17.79	17.86	17.79		
3	256QAM	1	0	17.72	17.88	17.86	19	0
3	256QAM	1	8	17.87	17.78	17.74		
3	256QAM	1	14	17.79	17.82	17.86		
3	256QAM	8	0	17.88	17.84	17.79	19	0
3	256QAM	8	4	17.82	17.91	17.67		
3	256QAM	8	7	17.76	17.91	17.81		
3	256QAM	15	0	17.77	17.88	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.79	17.89	17.80	19	0
1.4	QPSK	1	3	17.76	17.83	17.80		
1.4	QPSK	1	5	17.72	17.86	17.74		
1.4	QPSK	3	0	17.83	17.87	17.79		
1.4	QPSK	3	1	17.78	17.78	17.78		
1.4	QPSK	3	3	17.83	17.88	17.79		
1.4	QPSK	6	0	17.83	17.75	17.79	19	0
1.4	16QAM	1	0	17.84	17.89	17.75	19	0
1.4	16QAM	1	3	17.76	17.84	17.75		
1.4	16QAM	1	5	17.87	17.76	17.80		
1.4	16QAM	3	0	17.80	17.88	17.79		
1.4	16QAM	3	1	17.89	17.90	17.73		
1.4	16QAM	3	3	17.82	17.82	17.78		
1.4	16QAM	6	0	17.80	17.88	17.75	19	0
1.4	64QAM	1	0	17.78	17.84	17.69	19	0
1.4	64QAM	1	3	17.86	17.92	17.74		
1.4	64QAM	1	5	17.82	17.87	17.75		
1.4	64QAM	3	0	17.89	17.81	17.78		
1.4	64QAM	3	1	17.82	17.96	17.75		
1.4	64QAM	3	3	17.83	17.83	17.81		
1.4	64QAM	6	0	17.81	17.84	17.81	19	0
1.4	256QAM	1	0	17.79	17.87	17.86	19	0
1.4	256QAM	1	3	17.86	17.80	17.76		
1.4	256QAM	1	5	17.77	17.86	17.85		
1.4	256QAM	3	0	17.91	17.83	17.80		
1.4	256QAM	3	1	17.79	17.87	17.75		
1.4	256QAM	3	3	17.76	17.88	17.84		
1.4	256QAM	6	0	17.84	17.86	17.71	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.57	19.69	19.60	20.2	0
20	QPSK	1	49	19.60	19.62	19.54		
20	QPSK	1	99	19.60	19.64	19.58		
20	QPSK	50	0	19.59	19.61	19.54	20.2	0
20	QPSK	50	24	19.59	19.60	19.53		
20	QPSK	50	50	19.54	19.57	19.52		
20	QPSK	100	0	19.57	19.64	19.56		
20	16QAM	1	0	19.53	19.65	19.50	20.2	0
20	16QAM	1	49	19.62	19.58	19.50		
20	16QAM	1	99	19.55	19.64	19.61		
20	16QAM	50	0	19.53	19.65	19.53	20.2	0
20	16QAM	50	24	19.61	19.67	19.54		
20	16QAM	50	50	19.58	19.62	19.51		
20	16QAM	100	0	19.61	19.57	19.49		
20	64QAM	1	0	19.60	19.63	19.57	20.2	0
20	64QAM	1	49	19.63	19.64	19.55		
20	64QAM	1	99	19.64	19.65	19.55		
20	64QAM	50	0	19.59	19.56	19.52	20.2	0
20	64QAM	50	24	19.62	19.66	19.59		
20	64QAM	50	50	19.57	19.56	19.57		
20	64QAM	100	0	19.57	19.63	19.50		
20	256QAM	1	0	19.58	19.67	19.58	20.2	0
20	256QAM	1	49	19.61	19.65	19.59		
20	256QAM	1	99	19.62	19.62	19.54		
20	256QAM	50	0	19.52	19.62	19.60	20.2	0
20	256QAM	50	24	19.53	19.61	19.60		
20	256QAM	50	50	19.64	19.61	19.53		
20	256QAM	100	0	19.63	19.59	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.50	19.58	19.48	20.2	0
15	QPSK	1	37	19.50	19.46	19.49		
15	QPSK	1	74	19.53	19.51	19.44		
15	QPSK	36	0	19.51	19.52	19.41	20.2	0
15	QPSK	36	20	19.55	19.45	19.38		
15	QPSK	36	39	19.39	19.43	19.43		
15	QPSK	75	0	19.49	19.57	19.47		
15	16QAM	1	0	19.40	19.54	19.35	20.2	0
15	16QAM	1	37	19.50	19.53	19.39		
15	16QAM	1	74	19.41	19.56	19.56		
15	16QAM	36	0	19.38	19.55	19.38	20.2	0
15	16QAM	36	20	19.45	19.57	19.41		
15	16QAM	36	39	19.48	19.49	19.35		
15	16QAM	75	0	19.46	19.45	19.42		
15	64QAM	1	0	19.54	19.58	19.53	20.2	0
15	64QAM	1	37	19.55	19.55	19.47		
15	64QAM	1	74	19.53	19.56	19.44		
15	64QAM	36	0	19.46	19.44	19.47	20.2	0
15	64QAM	36	20	19.57	19.53	19.52		
15	64QAM	36	39	19.46	19.45	19.43		
15	64QAM	75	0	19.48	19.51	19.34		
15	256QAM	1	0	19.44	19.61	19.43	20.2	0
15	256QAM	1	37	19.50	19.49	19.53		
15	256QAM	1	74	19.54	19.55	19.40		
15	256QAM	36	0	19.37	19.48	19.53	20.2	0
15	256QAM	36	20	19.41	19.57	19.56		
15	256QAM	36	39	19.54	19.57	19.45		
15	256QAM	75	0	19.59	19.54	19.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.49	19.54	19.54	20.2	0
10	QPSK	1	25	19.48	19.47	19.49		
10	QPSK	1	49	19.50	19.55	19.51		
10	QPSK	25	0	19.46	19.53	19.40	20.2	0
10	QPSK	25	12	19.45	19.48	19.38		
10	QPSK	25	25	19.39	19.49	19.39		
10	QPSK	50	0	19.46	19.49	19.47		
10	16QAM	1	0	19.37	19.53	19.41	20.2	0
10	16QAM	1	25	19.50	19.42	19.34		
10	16QAM	1	49	19.47	19.52	19.55		
10	16QAM	25	0	19.42	19.58	19.47	20.2	0
10	16QAM	25	12	19.45	19.62	19.43		
10	16QAM	25	25	19.46	19.51	19.39		
10	16QAM	50	0	19.52	19.47	19.39		
10	64QAM	1	0	19.55	19.56	19.49	20.2	0
10	64QAM	1	25	19.48	19.48	19.41		
10	64QAM	1	49	19.57	19.55	19.45		
10	64QAM	25	0	19.52	19.51	19.45	20.2	0
10	64QAM	25	12	19.56	19.51	19.51		
10	64QAM	25	25	19.43	19.52	19.50		
10	64QAM	50	0	19.43	19.58	19.38		
10	256QAM	1	0	19.53	19.58	19.50	20.2	0
10	256QAM	1	25	19.57	19.54	19.47		
10	256QAM	1	49	19.55	19.53	19.42		
10	256QAM	25	0	19.44	19.49	19.50	20.2	0
10	256QAM	25	12	19.41	19.52	19.51		
10	256QAM	25	25	19.48	19.54	19.45		
10	256QAM	50	0	19.53	19.53	19.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.42	19.56	19.53	20.2	0
5	QPSK	1	12	19.45	19.46	19.41		
5	QPSK	1	24	19.47	19.50	19.52		
5	QPSK	12	0	19.46	19.45	19.46	20.2	0
5	QPSK	12	7	19.48	19.44	19.48		
5	QPSK	12	13	19.41	19.44	19.37		
5	QPSK	25	0	19.50	19.57	19.46		
5	16QAM	1	0	19.45	19.58	19.45	20.2	0
5	16QAM	1	12	19.54	19.48	19.36		
5	16QAM	1	24	19.50	19.54	19.51		
5	16QAM	12	0	19.42	19.55	19.41	20.2	0
5	16QAM	12	7	19.46	19.60	19.41		
5	16QAM	12	13	19.46	19.53	19.40		
5	16QAM	25	0	19.48	19.50	19.43		
5	64QAM	1	0	19.56	19.57	19.48	20.2	0
5	64QAM	1	12	19.54	19.59	19.45		
5	64QAM	1	24	19.48	19.58	19.48		
5	64QAM	12	0	19.45	19.42	19.38	20.2	0
5	64QAM	12	7	19.55	19.53	19.50		
5	64QAM	12	13	19.53	19.44	19.45		
5	64QAM	25	0	19.51	19.56	19.38		
5	256QAM	1	0	19.52	19.58	19.46	20.2	0
5	256QAM	1	12	19.56	19.56	19.49		
5	256QAM	1	24	19.56	19.47	19.43		
5	256QAM	12	0	19.46	19.57	19.53	20.2	0
5	256QAM	12	7	19.44	19.49	19.53		
5	256QAM	12	13	19.54	19.57	19.46		
5	256QAM	25	0	19.58	19.46	19.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.55	19.53	19.75	19.57	19.55	20.2	0
20	QPSK	1	49	19.67	19.52	19.61	19.64	19.62		
20	QPSK	1	99	19.58	19.57	19.64	19.56	19.53		
20	QPSK	50	0	19.57	19.53	19.69	19.63	19.60	20.2	0
20	QPSK	50	24	19.67	19.53	19.63	19.56	19.60		
20	QPSK	50	50	19.62	19.52	19.65	19.64	19.53		
20	QPSK	100	0	19.63	19.58	19.68	19.62	19.53		
20	16QAM	1	0	19.57	19.55	19.68	19.60	19.62	20.2	0
20	16QAM	1	49	19.62	19.57	19.66	19.60	19.60		
20	16QAM	1	99	19.63	19.52	19.65	19.62	19.53		
20	16QAM	50	0	19.57	19.60	19.64	19.57	19.56	20.2	0
20	16QAM	50	24	19.66	19.54	19.66	19.64	19.60		
20	16QAM	50	50	19.62	19.59	19.68	19.57	19.59		
20	16QAM	100	0	19.55	19.52	19.66	19.56	19.56		
20	64QAM	1	0	19.63	19.55	19.62	19.60	19.63	20.2	0
20	64QAM	1	49	19.63	19.50	19.61	19.60	19.53		
20	64QAM	1	99	19.58	19.58	19.67	19.65	19.59		
20	64QAM	50	0	19.59	19.58	19.65	19.61	19.62	20.2	0
20	64QAM	50	24	19.60	19.49	19.65	19.58	19.64		
20	64QAM	50	50	19.60	19.61	19.70	19.62	19.53		
20	64QAM	100	0	19.64	19.56	19.60	19.58	19.54		
20	256QAM	1	0	19.58	19.50	19.61	19.59	19.64	20.2	0
20	256QAM	1	49	19.64	19.52	19.69	19.65	19.58		
20	256QAM	1	99	19.63	19.55	19.66	19.64	19.58		
20	256QAM	50	0	19.56	19.54	19.68	19.63	19.55	20.2	0
20	256QAM	50	24	19.55	19.50	19.61	19.62	19.53		
20	256QAM	50	50	19.60	19.57	19.60	19.60	19.64		
20	256QAM	100	0	19.59	19.58	19.59	19.55	19.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.44	19.43	19.59	19.50	19.44	20.20	0
15	QPSK	1	37	19.59	19.41	19.50	19.56	19.53		
15	QPSK	1	74	19.48	19.49	19.58	19.49	19.48		
15	QPSK	36	0	19.43	19.47	19.54	19.51	19.53	20.2	0
15	QPSK	36	20	19.53	19.41	19.54	19.52	19.45		
15	QPSK	36	39	19.54	19.41	19.57	19.55	19.38		
15	QPSK	75	0	19.57	19.50	19.61	19.51	19.43		
15	16QAM	1	0	19.41	19.46	19.52	19.50	19.46	20.2	0
15	16QAM	1	37	19.54	19.51	19.61	19.47	19.56		
15	16QAM	1	74	19.52	19.43	19.53	19.52	19.40		
15	16QAM	36	0	19.45	19.56	19.51	19.41	19.40	20.2	0
15	16QAM	36	20	19.55	19.44	19.61	19.57	19.46		
15	16QAM	36	39	19.54	19.46	19.59	19.48	19.54		
15	16QAM	75	0	19.46	19.40	19.54	19.48	19.42		
15	64QAM	1	0	19.54	19.42	19.46	19.47	19.55	20.2	0
15	64QAM	1	37	19.56	19.41	19.56	19.46	19.47		
15	64QAM	1	74	19.52	19.51	19.62	19.61	19.52		
15	64QAM	36	0	19.48	19.46	19.60	19.46	19.50	20.2	0
15	64QAM	36	20	19.48	19.38	19.49	19.45	19.59		
15	64QAM	36	39	19.49	19.48	19.58	19.50	19.48		
15	64QAM	75	0	19.56	19.45	19.52	19.45	19.46		
15	256QAM	1	0	19.49	19.41	19.54	19.48	19.57	20.2	0
15	256QAM	1	37	19.53	19.45	19.64	19.51	19.52		
15	256QAM	1	74	19.53	19.42	19.53	19.58	19.44		
15	256QAM	36	0	19.48	19.47	19.64	19.55	19.42	20.2	0
15	256QAM	36	20	19.39	19.45	19.53	19.57	19.38		
15	256QAM	36	39	19.49	19.41	19.45	19.48	19.57		
15	256QAM	75	0	19.46	19.50	19.44	19.45	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.43	19.46	19.64	19.50	19.44	20.20	0
10	QPSK	1	25	19.55	19.38	19.49	19.57	19.50		
10	QPSK	1	49	19.54	19.45	19.48	19.49	19.49		
10	QPSK	25	0	19.49	19.38	19.56	19.48	19.56	20.2	0
10	QPSK	25	12	19.51	19.44	19.53	19.50	19.50		
10	QPSK	25	25	19.50	19.43	19.59	19.54	19.44		
10	QPSK	50	0	19.51	19.43	19.59	19.48	19.38		
10	16QAM	1	0	19.43	19.44	19.59	19.51	19.52	20.2	0
10	16QAM	1	25	19.53	19.47	19.57	19.49	19.49		
10	16QAM	1	49	19.49	19.41	19.57	19.46	19.41		
10	16QAM	25	0	19.52	19.52	19.50	19.51	19.43	20.2	0
10	16QAM	25	12	19.61	19.43	19.52	19.57	19.50		
10	16QAM	25	25	19.47	19.48	19.58	19.48	19.46		
10	16QAM	50	0	19.49	19.36	19.54	19.45	19.49		
10	64QAM	1	0	19.47	19.42	19.52	19.54	19.48	20.2	0
10	64QAM	1	25	19.53	19.35	19.51	19.45	19.47		
10	64QAM	1	49	19.51	19.53	19.52	19.59	19.46		
10	64QAM	25	0	19.52	19.53	19.55	19.51	19.53	20.2	0
10	64QAM	25	12	19.54	19.33	19.53	19.44	19.57		
10	64QAM	25	25	19.49	19.46	19.63	19.49	19.48		
10	64QAM	50	0	19.50	19.45	19.49	19.48	19.44		
10	256QAM	1	0	19.54	19.39	19.51	19.49	19.55	20.2	0
10	256QAM	1	25	19.52	19.46	19.63	19.57	19.52		
10	256QAM	1	49	19.53	19.47	19.61	19.48	19.49		
10	256QAM	25	0	19.52	19.41	19.56	19.48	19.44	20.2	0
10	256QAM	25	12	19.47	19.44	19.51	19.53	19.38		
10	256QAM	25	25	19.47	19.51	19.50	19.48	19.53		
10	256QAM	50	0	19.45	19.45	19.43	19.42	19.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.41	19.39	19.56	19.49	19.39	20.20	0
5	QPSK	1	12	19.53	19.43	19.45	19.59	19.58		
5	QPSK	1	24	19.47	19.53	19.56	19.52	19.37		
5	QPSK	12	0	19.44	19.41	19.56	19.56	19.52	20.2	0
5	QPSK	12	7	19.57	19.43	19.56	19.50	19.54		
5	QPSK	12	13	19.47	19.43	19.51	19.52	19.43		
5	QPSK	25	0	19.51	19.53	19.57	19.48	19.47		
5	16QAM	1	0	19.44	19.48	19.61	19.50	19.51	20.2	0
5	16QAM	1	12	19.48	19.46	19.56	19.49	19.49		
5	16QAM	1	24	19.58	19.39	19.58	19.52	19.38		
5	16QAM	12	0	19.51	19.51	19.59	19.53	19.51	20.2	0
5	16QAM	12	7	19.53	19.39	19.61	19.55	19.48		
5	16QAM	12	13	19.54	19.48	19.53	19.45	19.51		
5	16QAM	25	0	19.44	19.40	19.56	19.45	19.50		
5	64QAM	1	0	19.58	19.48	19.57	19.51	19.50	20.2	0
5	64QAM	1	12	19.49	19.46	19.57	19.53	19.48		
5	64QAM	1	24	19.47	19.52	19.55	19.54	19.55		
5	64QAM	12	0	19.51	19.53	19.55	19.53	19.52	20.2	0
5	64QAM	12	7	19.49	19.36	19.54	19.48	19.56		
5	64QAM	12	13	19.45	19.48	19.56	19.54	19.42		
5	64QAM	25	0	19.52	19.44	19.49	19.52	19.47		
5	256QAM	1	0	19.42	19.40	19.52	19.52	19.53	20.2	0
5	256QAM	1	12	19.52	19.47	19.58	19.56	19.54		
5	256QAM	1	24	19.58	19.46	19.60	19.52	19.46		
5	256QAM	12	0	19.43	19.44	19.53	19.58	19.46	20.2	0
5	256QAM	12	7	19.50	19.37	19.50	19.55	19.45		
5	256QAM	12	13	19.48	19.41	19.51	19.52	19.60		
5	256QAM	25	0	19.45	19.50	19.55	19.45	19.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.07	18.34	18.14	18.7	0
20	QPSK	1	49	18.15	18.26	18.04		
20	QPSK	1	99	18.15	18.18	18.02		
20	QPSK	50	0	18.15	18.30	18.13	18.7	0
20	QPSK	50	24	18.15	18.29	18.13		
20	QPSK	50	50	18.12	18.25	18.02		
20	QPSK	100	0	18.08	18.23	18.06		
20	16QAM	1	0	18.06	18.19	18.13	18.7	0
20	16QAM	1	49	18.07	18.24	18.06		
20	16QAM	1	99	18.08	18.18	18.05		
20	16QAM	50	0	18.05	18.30	18.06	18.7	0
20	16QAM	50	24	18.12	18.30	18.13		
20	16QAM	50	50	18.12	18.21	18.06		
20	16QAM	100	0	18.11	18.21	18.04		
20	64QAM	1	0	18.11	18.22	18.12	18.7	0
20	64QAM	1	49	18.09	18.25	18.07		
20	64QAM	1	99	18.05	18.21	18.13		
20	64QAM	50	0	18.15	18.22	18.04	18.7	0
20	64QAM	50	24	18.07	18.18	18.09		
20	64QAM	50	50	18.12	18.27	18.03		
20	64QAM	100	0	18.09	18.24	18.05		
20	256QAM	1	0	18.11	18.23	18.12	18.7	0
20	256QAM	1	49	18.06	18.30	18.11		
20	256QAM	1	99	18.07	18.24	18.10		
20	256QAM	50	0	18.12	18.21	18.06	18.7	0
20	256QAM	50	24	18.08	18.23	18.11		
20	256QAM	50	50	18.07	18.21	18.13		
20	256QAM	100	0	18.13	18.22	18.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.98	18.28	18.11	18.7	0
15	QPSK	1	37	18.10	18.22	17.99		
15	QPSK	1	74	18.08	18.13	17.98		
15	QPSK	36	0	18.07	18.21	18.10	18.7	0
15	QPSK	36	20	18.13	18.25	18.03		
15	QPSK	36	39	18.05	18.18	17.99		
15	QPSK	75	0	18.04	18.15	18.01		
15	16QAM	1	0	17.99	18.15	18.08	18.7	0
15	16QAM	1	37	18.02	18.17	17.98		
15	16QAM	1	74	18.00	18.11	18.00		
15	16QAM	36	0	17.96	18.26	18.01	18.7	0
15	16QAM	36	20	18.05	18.22	18.06		
15	16QAM	36	39	18.08	18.14	17.99		
15	16QAM	75	0	18.01	18.18	17.96		
15	64QAM	1	0	18.09	18.12	18.10	18.7	0
15	64QAM	1	37	18.06	18.19	18.00		
15	64QAM	1	74	18.00	18.14	18.11		
15	64QAM	36	0	18.11	18.14	18.01	18.7	0
15	64QAM	36	20	18.04	18.11	18.05		
15	64QAM	36	39	18.08	18.22	17.98		
15	64QAM	75	0	18.01	18.15	17.97		
15	256QAM	1	0	18.06	18.15	18.03	18.7	0
15	256QAM	1	37	18.03	18.22	18.06		
15	256QAM	1	74	18.04	18.20	18.07		
15	256QAM	36	0	18.03	18.19	17.97	18.7	0
15	256QAM	36	20	18.05	18.13	18.07		
15	256QAM	36	39	18.01	18.17	18.05		
15	256QAM	75	0	18.07	18.19	18.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.03	18.31	18.12	18.7	0
10	QPSK	1	25	18.12	18.18	17.98		
10	QPSK	1	49	18.07	18.08	17.98		
10	QPSK	25	0	18.07	18.22	18.09	18.7	0
10	QPSK	25	12	18.13	18.25	18.07		
10	QPSK	25	25	18.06	18.22	17.97		
10	QPSK	50	0	18.02	18.19	17.97		
10	16QAM	1	0	17.98	18.12	18.03	18.7	0
10	16QAM	1	25	18.04	18.20	17.96		
10	16QAM	1	49	17.98	18.09	17.99		
10	16QAM	25	0	17.98	18.24	18.00	18.7	0
10	16QAM	25	12	18.09	18.22	18.07		
10	16QAM	25	25	18.07	18.16	18.04		
10	16QAM	50	0	18.01	18.15	17.96		
10	64QAM	1	0	18.05	18.19	18.09	18.7	0
10	64QAM	1	25	18.05	18.17	18.01		
10	64QAM	1	49	18.03	18.15	18.03		
10	64QAM	25	0	18.06	18.16	18.00	18.7	0
10	64QAM	25	12	18.04	18.12	18.01		
10	64QAM	25	25	18.08	18.19	17.99		
10	64QAM	50	0	18.00	18.21	18.02		
10	256QAM	1	0	18.08	18.15	18.07	18.7	0
10	256QAM	1	25	17.99	18.23	18.04		
10	256QAM	1	49	17.99	18.18	18.07		
10	256QAM	25	0	18.07	18.12	17.96	18.7	0
10	256QAM	25	12	18.01	18.19	18.07		
10	256QAM	25	25	18.03	18.17	18.09		
10	256QAM	50	0	18.09	18.18	18.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.01	18.27	18.05	18.7	0
5	QPSK	1	12	18.09	18.22	17.99		
5	QPSK	1	24	18.10	18.09	17.98		
5	QPSK	12	0	18.11	18.21	18.10	18.7	0
5	QPSK	12	7	18.07	18.26	18.04		
5	QPSK	12	13	18.04	18.16	17.92		
5	QPSK	25	0	18.03	18.20	18.02		
5	16QAM	1	0	18.02	18.10	18.11	18.7	0
5	16QAM	1	12	18.05	18.19	17.99		
5	16QAM	1	24	18.06	18.11	18.02		
5	16QAM	12	0	18.00	18.27	18.04	18.7	0
5	16QAM	12	7	18.07	18.25	18.05		
5	16QAM	12	13	18.05	18.18	17.98		
5	16QAM	25	0	18.03	18.13	17.97		
5	64QAM	1	0	18.06	18.19	18.10	18.7	0
5	64QAM	1	12	18.04	18.16	18.02		
5	64QAM	1	24	17.99	18.18	18.10		
5	64QAM	12	0	18.12	18.13	18.00	18.7	0
5	64QAM	12	7	17.99	18.15	18.04		
5	64QAM	12	13	18.06	18.22	17.98		
5	64QAM	25	0	18.03	18.18	17.96		
5	256QAM	1	0	18.02	18.16	18.08	18.7	0
5	256QAM	1	12	17.97	18.21	18.03		
5	256QAM	1	24	18.01	18.16	18.03		
5	256QAM	12	0	18.09	18.17	17.97	18.7	0
5	256QAM	12	7	18.05	18.16	18.03		
5	256QAM	12	13	18.02	18.12	18.08		
5	256QAM	25	0	18.08	18.18	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.80	16.95	16.70	16.73	18	0
20	QPSK	1	49	16.75	16.76	16.72	16.67		
20	QPSK	1	99	16.79	16.77	16.68	16.69		
20	QPSK	50	0	16.75	16.86	16.65	16.73	18	0
20	QPSK	50	24	16.72	16.85	16.71	16.76		
20	QPSK	50	50	16.79	16.74	16.70	16.71		
20	QPSK	100	0	16.74	16.82	16.65	16.69		
20	16QAM	1	0	16.77	16.79	16.68	16.76	18	0
20	16QAM	1	49	16.72	16.74	16.65	16.75		
20	16QAM	1	99	16.74	16.77	16.67	16.77		
20	16QAM	50	0	16.77	16.83	16.64	16.75	18	0
20	16QAM	50	24	16.70	16.81	16.64	16.75		
20	16QAM	50	50	16.74	16.76	16.66	16.70		
20	16QAM	100	0	16.76	16.81	16.61	16.76		
20	64QAM	1	0	16.73	16.84	16.68	16.71	18	0
20	64QAM	1	49	16.80	16.78	16.65	16.71		
20	64QAM	1	99	16.75	16.82	16.71	16.76		
20	64QAM	50	0	16.73	16.84	16.71	16.71	18	0
20	64QAM	50	24	16.79	16.74	16.68	16.69		
20	64QAM	50	50	16.80	16.77	16.61	16.77		
20	64QAM	100	0	16.69	16.74	16.65	16.65		
20	256QAM	1	0	16.71	16.85	16.69	16.75	18	0
20	256QAM	1	49	16.75	16.80	16.73	16.70		
20	256QAM	1	99	16.78	16.76	16.70	16.77		
20	256QAM	50	0	16.77	16.81	16.72	16.72	18	0
20	256QAM	50	24	16.81	16.74	16.65	16.74		
20	256QAM	50	50	16.75	16.85	16.61	16.66		
20	256QAM	100	0	16.74	16.79	16.62	16.68		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.71	16.81	16.63	16.69	18	0
15	QPSK	1	37	16.69	16.72	16.59	16.57		
15	QPSK	1	74	16.64	16.68	16.60	16.63		
15	QPSK	36	0	16.61	16.59	16.53	16.58	18	0
15	QPSK	36	20	16.58	16.80	16.66	16.70		
15	QPSK	36	39	16.69	16.70	16.59	16.64		
15	QPSK	75	0	16.61	16.67	16.50	16.58		
15	16QAM	1	0	16.71	16.75	16.56	16.71	18	0
15	16QAM	1	37	16.61	16.60	16.50	16.68		
15	16QAM	1	74	16.63	16.69	16.51	16.72		
15	16QAM	36	0	16.63	16.74	16.56	16.64	18	0
15	16QAM	36	20	16.63	16.68	16.55	16.69		
15	16QAM	36	39	16.58	16.62	16.57	16.64		
15	16QAM	75	0	16.64	16.70	16.47	16.68		
15	64QAM	1	0	16.67	16.79	16.57	16.64	18	0
15	64QAM	1	37	16.66	16.69	16.52	16.63		
15	64QAM	1	74	16.64	16.67	16.66	16.65		
15	64QAM	36	0	16.64	16.77	16.59	16.57	18	0
15	64QAM	36	20	16.72	16.64	16.62	16.57		
15	64QAM	36	39	16.75	16.71	16.53	16.69		
15	64QAM	75	0	16.64	16.65	16.52	16.49		
15	256QAM	1	0	16.57	16.74	16.60	16.61	18	0
15	256QAM	1	37	16.71	16.65	16.64	16.58		
15	256QAM	1	74	16.70	16.72	16.57	16.70		
15	256QAM	36	0	16.68	16.68	16.65	16.60	18	0
15	256QAM	36	20	16.68	16.66	16.52	16.64		
15	256QAM	36	39	16.68	16.75	16.45	16.61		
15	256QAM	75	0	16.63	16.63	16.51	16.62		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.72	16.76	16.62	16.58	18	0
10	QPSK	1	25	16.68	16.68	16.66	16.61		
10	QPSK	1	49	16.75	16.69	16.56	16.57		
10	QPSK	25	0	16.69	16.58	16.53	16.62	18	0
10	QPSK	25	12	16.56	16.75	16.57	16.61		
10	QPSK	25	25	16.64	16.64	16.58	16.62		
10	QPSK	50	0	16.61	16.78	16.58	16.53		
10	16QAM	1	0	16.67	16.64	16.62	16.63	18	0
10	16QAM	1	25	16.67	16.58	16.52	16.71		
10	16QAM	1	49	16.58	16.73	16.57	16.64		
10	16QAM	25	0	16.64	16.72	16.49	16.65	18	0
10	16QAM	25	12	16.57	16.69	16.52	16.64		
10	16QAM	25	25	16.64	16.66	16.54	16.64		
10	16QAM	50	0	16.71	16.68	16.45	16.61		
10	64QAM	1	0	16.57	16.68	16.61	16.59	18	0
10	64QAM	1	25	16.73	16.66	16.54	16.61		
10	64QAM	1	49	16.68	16.69	16.64	16.60		
10	64QAM	25	0	16.57	16.79	16.55	16.65	18	0
10	64QAM	25	12	16.73	16.66	16.61	16.57		
10	64QAM	25	25	16.69	16.62	16.50	16.71		
10	64QAM	50	0	16.55	16.63	16.53	16.57		
10	256QAM	1	0	16.65	16.71	16.57	16.62	18	0
10	256QAM	1	25	16.69	16.73	16.64	16.60		
10	256QAM	1	49	16.65	16.71	16.58	16.65		
10	256QAM	25	0	16.68	16.74	16.66	16.58	18	0
10	256QAM	25	12	16.67	16.69	16.50	16.60		
10	256QAM	25	25	16.65	16.80	16.55	16.52		
10	256QAM	50	0	16.69	16.74	16.46	16.59		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.75	16.70	16.64	16.64	18	0
5	QPSK	1	12	16.64	16.67	16.63	16.54		
5	QPSK	1	24	16.74	16.71	16.61	16.58		
5	QPSK	12	0	16.62	16.67	16.59	16.59	18	0
5	QPSK	12	7	16.67	16.80	16.63	16.67		
5	QPSK	12	13	16.65	16.65	16.62	16.57		
5	QPSK	25	0	16.69	16.66	16.50	16.58		
5	16QAM	1	0	16.64	16.71	16.53	16.63	18	0
5	16QAM	1	12	16.58	16.62	16.61	16.61		
5	16QAM	1	24	16.63	16.68	16.54	16.62		
5	16QAM	12	0	16.65	16.74	16.55	16.69	18	0
5	16QAM	12	7	16.58	16.67	16.50	16.61		
5	16QAM	12	13	16.65	16.72	16.58	16.62		
5	16QAM	25	0	16.61	16.70	16.51	16.70		
5	64QAM	1	0	16.61	16.70	16.58	16.65	18	0
5	64QAM	1	12	16.68	16.63	16.60	16.56		
5	64QAM	1	24	16.60	16.72	16.66	16.69		
5	64QAM	12	0	16.66	16.72	16.61	16.63	18	0
5	64QAM	12	7	16.70	16.64	16.54	16.60		
5	64QAM	12	13	16.65	16.67	16.49	16.69		
5	64QAM	25	0	16.59	16.68	16.49	16.55		
5	256QAM	1	0	16.57	16.72	16.62	16.66	18	0
5	256QAM	1	12	16.59	16.71	16.65	16.58		
5	256QAM	1	24	16.66	16.67	16.65	16.63		
5	256QAM	12	0	16.65	16.67	16.60	16.68	18	0
5	256QAM	12	7	16.76	16.66	16.58	16.65		
5	256QAM	12	13	16.68	16.75	16.54	16.50		
5	256QAM	25	0	16.67	16.72	16.49	16.52		

GSM1900 Ant5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.98	27.10	27.03	28.40	17.98	18.10	18.03	19.40
GPRS 1 Tx slot	26.94	27.07	27.03	28.40	17.94	18.07	18.03	19.40
GPRS 2 Tx slots	23.97	24.14	24.06	25.40	17.97	18.14	18.06	19.40
GPRS 3 Tx slots	22.26	22.34	22.21	23.60	18.00	18.08	17.95	19.34
GPRS 4 Tx slots	21.02	21.09	21.02	22.40	18.02	18.09	18.02	19.40
EDGE 1 Tx slot	25.31	25.36	25.30	23.70	16.31	16.36	16.30	14.70
EDGE 2 Tx slots	22.34	22.45	22.40	20.70	16.34	16.45	16.40	14.70
EDGE 3 Tx slots	20.44	20.59	20.53	18.90	16.18	16.33	16.27	14.64
EDGE 4 Tx slots	19.28	19.36	19.35	17.70	16.28	16.36	16.35	14.70

Band		WCDMA II Ant5			Tune-up Limit (dBm)	WCDMA IV Ant5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.93	16.94	16.90	18.20	17.44	17.43	17.37	18.70
3GPP Rel 99	RMC 12.2Kbps	17.01	17.02	16.89	18.20	17.46	17.53	17.47	18.70
3GPP Rel 6	HSDPA Subtest-1	15.94	15.95	15.87	17.20	16.53	16.48	16.30	17.70
3GPP Rel 6	HSDPA Subtest-2	15.90	16.10	15.92	17.20	16.47	16.52	16.33	17.70
3GPP Rel 6	HSDPA Subtest-3	15.52	15.46	15.35	16.70	15.89	16.02	15.85	17.20
3GPP Rel 6	HSDPA Subtest-4	15.54	15.44	15.33	16.70	16.01	16.03	15.86	17.20
3GPP Rel 8	DC-HSDPA Subtest-1	15.98	16.03	15.87	17.20	16.55	16.50	16.45	17.70
3GPP Rel 8	DC-HSDPA Subtest-2	15.99	15.97	15.90	17.20	16.55	16.55	16.37	17.70
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.61	15.33	16.70	15.88	15.98	15.88	17.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.46	15.61	15.43	16.70	15.90	16.03	15.86	17.20
3GPP Rel 6	HSUPA Subtest-1	15.93	16.04	15.94	17.20	16.51	16.56	16.30	17.70
3GPP Rel 6	HSUPA Subtest-2	14.00	14.10	13.89	15.20	14.47	14.46	14.37	15.70
3GPP Rel 6	HSUPA Subtest-3	14.90	15.07	14.91	16.20	15.40	15.42	15.31	16.70
3GPP Rel 6	HSUPA Subtest-4	13.92	14.00	13.86	15.20	14.59	14.46	14.46	15.70
3GPP Rel 6	HSUPA Subtest-5	15.92	15.91	15.89	17.20	16.50	16.44	16.35	17.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.51	13.53	13.41	14.70	13.98	14.00	13.96	15.20

Band 2 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.47	15.65	15.50	16.6	0
20	QPSK	1	49	15.53	15.62	15.55		
20	QPSK	1	99	15.52	15.60	15.48		
20	QPSK	50	0	15.51	15.62	15.56	16.6	0
20	QPSK	50	24	15.48	15.60	15.52		
20	QPSK	50	50	15.55	15.61	15.51		
20	QPSK	100	0	15.56	15.57	15.56		
20	16QAM	1	0	15.56	15.57	15.50	16.6	0
20	16QAM	1	49	15.55	15.52	15.53		
20	16QAM	1	99	15.52	15.54	15.59		
20	16QAM	50	0	15.45	15.62	15.55	16.6	0
20	16QAM	50	24	15.51	15.62	15.48		
20	16QAM	50	50	15.54	15.51	15.53		
20	16QAM	100	0	15.47	15.53	15.51		
20	64QAM	1	0	15.57	15.62	15.48	16.6	0
20	64QAM	1	49	15.48	15.58	15.49		
20	64QAM	1	99	15.51	15.51	15.51		
20	64QAM	50	0	15.46	15.57	15.58	16.6	0
20	64QAM	50	24	15.49	15.58	15.48		
20	64QAM	50	50	15.45	15.43	15.48		
20	64QAM	100	0	15.54	15.52	15.56		
20	256QAM	1	0	15.50	15.55	15.50	16.6	0
20	256QAM	1	49	15.50	15.61	15.51		
20	256QAM	1	99	15.47	15.57	15.54		
20	256QAM	50	0	15.46	15.61	15.56	16.6	0
20	256QAM	50	24	15.46	15.58	15.56		
20	256QAM	50	50	15.50	15.52	15.57		
20	256QAM	100	0	15.52	15.58	15.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.37	15.36	15.41	16.6	0
15	QPSK	1	37	15.43	15.56	15.46		
15	QPSK	1	74	15.43	15.53	15.43		
15	QPSK	36	0	15.44	15.42	15.51	16.6	0
15	QPSK	36	20	15.40	15.49	15.41		
15	QPSK	36	39	15.46	15.54	15.45		
15	QPSK	75	0	15.51	15.52	15.46		
15	16QAM	1	0	15.44	15.45	15.38	16.6	0
15	16QAM	1	37	15.49	15.42	15.41		
[illegible]								

Band 4 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.84	18.99	18.83	20	0
20	QPSK	1	49	18.90	18.92	18.84		
20	QPSK	1	99	18.91	18.91	18.84		
20	QPSK	50	0	18.93	18.97	18.90	20	0
20	QPSK	50	24	18.83	18.95	18.82		
20	QPSK	50	50	18.90	18.92	18.85		
20	QPSK	100	0	18.82	18.94	18.84		
20	16QAM	1	0	18.93	18.95	18.83	20	0
20	16QAM	1	49	18.90	18.98	18.91		
20	16QAM	1	99	18.88	18.87	18.82		
20	16QAM	50	0	18.89	18.90	18.91	20	0
20	16QAM	50	24	18.92	18.88	18.92		
20	16QAM	50	50	18.86	18.92	18.89		
20	16QAM	100	0	18.82	18.90	18.82		
20	64QAM	1	0	18.92	18.95	18.85	20	0
20	64QAM	1	49	18.87	18.88	18.88		
20	64QAM	1	99	18.86	18.86	18.85		
20	64QAM	50	0	18.87	18.98	18.82	20	0
20	64QAM	50	24	18.89	18.92	18.89		
20	64QAM	50	50	18.82	18.95	18.90		
20	64QAM	100	0	18.88	18.95	18.84		
20	256QAM	1	0	18.88	18.89	18.91	20	0
20	256QAM	1	49	18.92	18.96	18.90		
20	256QAM	1	99	18.90	18.95	18.82		
20	256QAM	50	0	18.89	18.91	18.83	20	0
20	256QAM	50	24	18.84	18.89	18.88		
20	256QAM	50	50	18.94	18.87	18.80		
20	256QAM	100	0	18.83	18.94	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.70	18.77	18.75	20	0
15	QPSK	1	37	18.79	18.87	18.72		
15	QPSK	1	74	18.84	18.78	18.79		
15	QPSK	36	0	18.80	18.82	18.79	20	0
15	QPSK	36	20	18.68	18.87	18.74		
15	QPSK	36	39	18.82	18.87	18.80		
15	QPSK	75	0	18.67	18.84	18.74		
15	16QAM	1	0	18.80	18.81	18.69	20	0
15	16QAM	1	37	18.85	18.87	18.86		
15	16QAM	1	74	18.72	18.75	18.71		
15	16QAM	36	0	18.83	18.78	18.82	20	0
15	16QAM	36	20	18.80	18.81	18.84		
15	16QAM	36	39	18.80	18.81	18.76		
15	16QAM	75	0	18.75	18.85	18.71		
15	64QAM	1	0	18.77	18.90	18.81	20	0
15	64QAM	1	37	18.77	18.81	18.82		
15	64QAM	1	74	18.70	18.75	18.73		
15	64QAM	36	0	18.83	18.93	18.78	20	0
15	64QAM	36	20	18.80	18.84	18.84		
15	64QAM	36	39	18.69	18.84	18.83		
15	64QAM	75	0	18.78	18.88	18.71		
15	256QAM	1	0	18.74	18.81	18.86	20	0
15	256QAM	1	37	18.81	18.85	18.78		
15	256QAM	1	74	18.78	18.84	18.76		
15	256QAM	36	0	18.76	18.77	18.77	20	0
15	256QAM	36	20	18.74	18.76	18.83		
15	256QAM	36	39	18.89	18.81	18.68		
15	256QAM	75	0	18.72	18.86	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.71	18.81	18.72	20	0
10	QPSK	1	25	18.75	18.86	18.70		
10	QPSK	1	49	18.83	18.80	18.69		
10	QPSK	25	0	18.84	18.86	18.81	20	0
10	QPSK	25	12	18.79	18.86	18.68		
10	QPSK	25	25	18.85	18.76	18.75		
10	QPSK	50	0	18.77	18.79	18.77		
10	16QAM	1	0	18.79	18.90	18.70	20	0
10	16QAM	1	25	18.78	18.87	18.80		
10	16QAM	1	49	18.75	18.78	18.72		
10	16QAM	25	0	18.78	18.78	18.82	20	0
10	16QAM	25	12	18.88	18.75	18.84		
10	16QAM	25	25	18.70	18.80	18.83		
10	16QAM	50	0	18.75	18.77	18.71		
10	64QAM	1	0	18.85	18.85	18.71	20	0
10	64QAM	1	25	18.81	18.73	18.83		
10	64QAM	1	49	18.77	18.72	18.78		
10	64QAM	25	0	18.77	18.86	18.69	20	0
10	64QAM	25	12	18.76	18.81	18.82		
10	64QAM	25	25	18.71	18.84	18.78		
10	64QAM	50	0	18.72	18.82	18.79		
10	256QAM	1	0	18.72	18.79	18.79	20	0
10	256QAM	1	25	18.85	18.82	18.75		
10	256QAM	1	49	18.77	18.80	18.70		
10	256QAM	25	0	18.82	18.75	18.69	20	0
10	256QAM	25	12	18.69	18.74	18.75		
10	256QAM	25	25	18.87	18.75	18.68		
10	256QAM	50	0	18.69	18.80	18.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.78	18.86	18.76	20	0
5	QPSK	1	12	18.74	18.81	18.77		
5	QPSK	1	24	18.80	18.81	18.71		
5	QPSK	12	0	18.89	18.90	18.78	20	0
5	QPSK	12	7	18.74	18.88	18.74		
5	QPSK	12	13	18.83	18.88	18.77		
5	QPSK	25	0	18.73	18.85	18.76		
5	16QAM	1	0	18.85	18.91	18.74	20	0
5	16QAM	1	12	18.81	18.83	18.84		
5	16QAM	1	24	18.84	18.83	18.67		
5	16QAM	12	0	18.76	18.81	18.75	20	0
5	16QAM	12	7	18.86	18.83	18.87		
5	16QAM	12	13	18.71	18.79	18.81		
5	16QAM	25	0	18.73	18.82	18.76		
5	64QAM	1	0	18.87	18.89	18.80	20	0
5	64QAM	1	12	18.75	18.73	18.76		
5	64QAM	1	24	18.80	18.71	18.74		
5	64QAM	12	0	18.79	18.84	18.71	20	0
5	64QAM	12	7	18.75	18.81	18.80		
5	64QAM	12	13	18.72	18.84	18.84		
5	64QAM	25	0	18.81	18.82	18.73		
5	256QAM	1	0	18.83	18.75	18.85	20	0
5	256QAM	1	12	18.78	18.83	18.78		
5	256QAM	1	24	18.74	18.80	18.77		
5	256QAM	12	0	18.82	18.84	18.75	20	0
5	256QAM	12	7	18.78	18.75	18.79		
5	256QAM	12	13	18.79	18.74	18.64		
5	256QAM	25	0	18.74	18.88	18.80		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.72	18.80	18.75	20	0
3	QPSK	1	8	18.84	18.86	18.73		
3	QPSK	1	14	18.78	18.79	18.78		
3	QPSK	8	0	18.79	18.88	18.81	20	0
3	QPSK	8	4	18.76	18.81	18.75		
3	QPSK	8	7	18.84	18.80	18.70		
3	QPSK	15	0	18.77	18.88	18.79		
3	16QAM	1	0	18.87	18.85	18.69	20	0
3	16QAM	1	8	18.78	18.83	18.80		
3	16QAM	1	14	18.74	18.72	18.69		
3	16QAM	8	0	18.78	18.79	18.85	20	0
3	16QAM	8	4	18.78	18.78	18.84		
3	16QAM	8	7	18.74	18.78	18.78		
3	16QAM	15	0	18.76	18.78	18.74		
3	64QAM	1	0	18.77	18.87	18.76	20	0
3	64QAM	1	8	18.73	18.83	18.79		
3	64QAM	1	14	18.81	18.81	18.75		
3	64QAM	8	0	18.78	18.88	18.77	20	0
3	64QAM	8	4	18.82	18.79	18.76		
3	64QAM	8	7	18.68	18.79	18.78		
3	64QAM	15	0	18.73	18.85	18.71		
3	256QAM	1	0	18.83	18.73	18.78	20	0
3	256QAM	1	8	18.84	18.91	18.78		
3	256QAM	1	14	18.79	18.89	18.68		
3	256QAM	8	0	18.81	18.82	18.76	20	0
3	256QAM	8	4	18.68	18.77	18.72		
3	256QAM	8	7	18.82	18.74	18.68		
3	256QAM	15	0	18.71	18.82	18.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.74	18.88	18.74	20	0
1.4	QPSK	1	3	18.75	18.85	18.76		
1.4	QPSK	1	5	18.86	18.82	18.73		
1.4	QPSK	3	0	18.80	18.88	18.77		
1.4	QPSK	3	1	18.77	18.81	18.69		
1.4	QPSK	3	3	18.79	18.81	18.81		
1.4	QPSK	6	0	18.73	18.85	18.70	20	0
1.4	16QAM	1	0	18.81	18.80	18.68	20	0
1.4	16QAM	1	3	18.76	18.87	18.82		
1.4	16QAM	1	5	18.80	18.78	18.74		
1.4	16QAM	3	0	18.79	18.80	18.84		
1.4	16QAM	3	1	18.79	18.83	18.78		
1.4	16QAM	3	3	18.70	18.84	18.73		
1.4	16QAM	6	0	18.75	18.75	18.70	20	0
1.4	64QAM	1	0	18.78	18.86	18.77	20	0
1.4	64QAM	1	3	18.72	18.81	18.84		
1.4	64QAM	1	5	18.82	18.76	18.75		
1.4	64QAM	3	0	18.77	18.93	18.76		
1.4	64QAM	3	1	18.85	18.81	18.78		
1.4	64QAM	3	3	18.73	18.81	18.84		
1.4	64QAM	6	0	18.73	18.83	18.76	20	0
1.4	256QAM	1	0	18.81	18.78	18.79	20	0
1.4	256QAM	1	3	18.84	18.90	18.81		
1.4	256QAM	1	5	18.86	18.84	18.68		
1.4	256QAM	3	0	18.76	18.80	18.77		
1.4	256QAM	3	1	18.73	18.79	18.73		
1.4	256QAM	3	3	18.87	18.77	18.70		
1.4	256QAM	6	0	18.69	18.87	18.86	20	0

Band 7 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
[illegible]								

Band 25 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.56	15.68	15.55	16.7	0
20	QPSK	1	49	15.55	15.58	15.61		
20	QPSK	1	99	15.46	15.54	15.61		
20	QPSK	50	0	15.52	15.62	15.61	16.7	0
20	QPSK	50	24	15.55	15.54	15.56		
20	QPSK	50	50	15.50	15.55	15.53		
20	QPSK	100	0	15.49	15.56	15.51		
20	16QAM	1	0	15.55	15.61	15.55	16.7	0
20	16QAM	1	49	15.49	15.61	15.54		
20	16QAM	1	99	15.48	15.59	15.52		
20	16QAM	50	0	15.49	15.61	15.57	16.7	0
20	16QAM	50	24	15.56	15.55	15.51		
20	16QAM	50	50	15.47	15.61	15.52		
20	16QAM	100	0	15.51	15.63	15.55		
20	64QAM	1	0	15.57	15.54	15.63	16.7	0
20	64QAM	1	49	15.57	15.57	15.52		
20	64QAM	1	99	15.47	15.63	15.57		
20	64QAM	50	0	15.55	15.57	15.56	16.7	0
20	64QAM	50	24	15.52	15.57	15.51		
20	64QAM	50	50	15.54	15.60	15.60		
20	64QAM	100	0	15.52	15.63	15.54		
20	256QAM	1	0	15.49	15.58	15.62	16.7	0
20	256QAM	1	49	15.54	15.54	15.51		
20	256QAM	1	99	15.52	15.64	15.54		
20	256QAM	50	0	15.56	15.63	15.62	16.7	0
20	256QAM	50	24	15.55	15.60	15.58		
20	256QAM	50	50	15.52	15.65	15.54		
20	256QAM	100	0	15.49	15.61	15.51		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.42	15.54	15.40	16.7	0
15	QPSK	1	37	15.48	15.47	15.55		
15	QPSK	1	74	15.35	15.40	15.48		
15	QPSK	36	0	15.42	15.50	15.45	16.7	0
15	QPSK	36	20	15.49	15.42	15.40		
15	QPSK	36	39	15.42	15.42	15.47		
15	QPSK	75	0	15.44	15.43	15.42		
15	16QAM	1	0	15.51	15.55	15.40	16.7	0
15	16QAM	1	37	15.43	15.51	15.47		
15	16QAM	1	74	15.41	15.44	15.38		
15	16QAM	36	0	15.40	15.46	15.44	16.7	0
15	16QAM	36	20	15.47	15.47	15.40		
15	16QAM	36	39	15.32	15.55	15.44		
15	16QAM	75	0	15.37	15.59	15.44		
15	64QAM	1	0	15.45	15.42	15.58	16.7	0
15	64QAM	1	37	15.50	15.44	15.38		
15	64QAM	1	74	15.34	15.53	15.44		
15	64QAM	36	0	15.46	15.51	15.48	16.7	0
15	64QAM	36	20	15.43	15.52	15.44		
15	64QAM	36	39	15.49	15.48	15.55		
15	64QAM	75	0	15.47	15.51	15.48		
15	256QAM	1	0	15.42	15.49	15.52	16.7	0
15	256QAM	1	37	15.40	15.48	15.37		
15	256QAM	1	74	15.48	15.59	15.47		
15	256QAM	36	0	15.42	15.59	15.57	16.7	0
15	256QAM	36	20	15.40	15.55	15.48		
15	256QAM	36	39	15.45	15.50	15.40		
15	256QAM	75	0	15.37	15.51	15.43		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.51	15.52	15.48	16.7	0
10	QPSK	1	25	15.49	15.48	15.51		
10	QPSK	1	49	15.36	15.47	15.54		
10	QPSK	25	0	15.39	15.50	15.51	16.7	0
10	QPSK	25	12	15.45	15.43	15.42		
10	QPSK	25	25	15.40	15.43	15.49		
10	QPSK	50	0	15.43	15.43	15.42		
10	16QAM	1	0	15.44	15.47	15.48	16.7	0
10	16QAM	1	25	15.41	15.49	15.39		
10	16QAM	1	49	15.34	15.43	15.47		
10	16QAM	25	0	15.38	15.56	15.47	16.7	0
10	16QAM	25	12	15.48	15.41	15.40		
10	16QAM	25	25	15.36	15.51	15.46		
10	16QAM	50	0	15.37	15.51	15.50		
10	64QAM	1	0	15.45	15.39	15.52	16.7	0
10	64QAM	1	25	15.41	15.50	15.43		
10	64QAM	1	49	15.40	15.50	15.45		
10	64QAM	25	0	15.47	15.53	15.47	16.7	0
10	64QAM	25	12	15.47	15.46	15.36		
10	64QAM	25	25	15.42	15.51	15.50		
10	64QAM	50	0	15.39	15.48	15.46		
10	256QAM	1	0	15.44	15.52	15.48	16.7	0
10	256QAM	1	25	15.45	15.47	15.47		
10	256QAM	1	49	15.38	15.56	15.40		
10	256QAM	25	0	15.48	15.55	15.49	16.7	0
10	256QAM	25	12	15.44	15.55	15.54		
10	256QAM	25	25	15.43	15.52	15.41		
10	256QAM	50	0	15.40	15.56	15.41		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.50	15.54	15.41	16.7	0
5	QPSK	1	12	15.40	15.52	15.55		
5	QPSK	1	24	15.40	15.44	15.54		
5	QPSK	12	0	15.37	15.49	15.45	16.7	0
5	QPSK	12	7	15.48	15.39	15.46		
5	QPSK	12	13	15.44	15.40	15.44		
5	QPSK	25	0	15.37	15.44	15.38		
5	16QAM	1	0	15.48	15.46	15.43	16.7	0
5	16QAM	1	12	15.39	15.53	15.49		
5	16QAM	1	24	15.34	15.54	15.39		
5	16QAM	12	0	15.35	15.55	15.48	16.7	0
5	16QAM	12	7	15.49	15.43	15.42		
5	16QAM	12	13	15.33	15.55	15.37		
5	16QAM	25	0	15.46	15.50	15.47		
5	64QAM	1	0	15.44	15.47	15.53	16.7	0
5	64QAM	1	12	15.45	15.45	15.40		
5	64QAM	1	24	15.38	15.52	15.49		
5	64QAM	12	0	15.43	15.53	15.46	16.7	0
5	64QAM	12	7	15.46	15.43	15.47		
5	64QAM	12	13	15.50	15.49	15.46		
5	64QAM	25	0	15.40	15.51	15.44		
5	256QAM	1	0	15.34	15.42	15.48	16.7	0
5	256QAM	1	12	15.43	15.43	15.39		
5	256QAM	1	24	15.36	15.50	15.44		
5	256QAM	12	0	15.46	15.49	15.57	16.7	0
5	256QAM	12	7	15.42	15.47	15.53		
5	256QAM	12	13	15.46	15.56	15.44		
5	256QAM	25	0	15.36	15.53	15.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.44	15.48	15.42	16.7	0
3	QPSK	1	8	15.47	15.50	15.54		
3	QPSK	1	14	15.31	15.40	15.55		
3	QPSK	8	0	15.39	15.52	15.49	16.7	0
3	QPSK	8	4	15.49	15.42	15.43		
3	QPSK	8	7	15.39	15.45	15.41		
3	QPSK	15	0	15.43	15.51	15.42		
3	16QAM	1	0	15.47	15.53	15.47	16.7	0
3	16QAM	1	8	15.40	15.47	15.50		
3	16QAM	1	14	15.43	15.54	15.42		
3	16QAM	8	0	15.34	15.49	15.50	16.7	0
3	16QAM	8	4	15.51	15.46	15.39		
3	16QAM	8	7	15.42	15.47	15.39		
3	16QAM	15	0	15.39	15.51	15.42		
3	64QAM	1	0	15.45	15.41	15.54	16.7	0
3	64QAM	1	8	15.50	15.51	15.45		
3	64QAM	1	14	15.31	15.51	15.50		
3	64QAM	8	0	15.50	15.48	15.51	16.7	0
3	64QAM	8	4	15.37	15.42	15.43		
3	64QAM	8	7	15.48	15.48	15.56		
3	64QAM	15	0	15.36	15.49	15.42		
3	256QAM	1	0	15.41	15.43	15.53	16.7	0
3	256QAM	1	8	15.41	15.47	15.46		
3	256QAM	1	14	15.42	15.52	15.45		
3	256QAM	8	0	15.42	15.57	15.53	16.7	0
3	256QAM	8	4	15.46	15.50	15.51		
3	256QAM	8	7	15.46	15.58	15.46		
3	256QAM	15	0	15.39	15.49	15.47		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.47	15.51	15.47	16.7	0
1.4	QPSK	1	3	15.49	15.42	15.45		
1.4	QPSK	1	5	15.40	15.39	15.54		
1.4	QPSK	3	0	15.45	15.47	15.51		
1.4	QPSK	3	1	15.41	15.45	15.47		
1.4	QPSK	3	3	15.39	15.47	15.45		
1.4	QPSK	6	0	15.40	15.40	15.45	16.7	0
1.4	16QAM	1	0	15.47	15.56	15.48	16.7	0
1.4	16QAM	1	3	15.40	15.50	15.47		
1.4	16QAM	1	5	15.42	15.44	15.38		
1.4	16QAM	3	0	15.36	15.47	15.43		
1.4	16QAM	3	1	15.44	15.45	15.44		
1.4	16QAM	3	3	15.35	15.52	15.45		
1.4	16QAM	6	0	15.44	15.52	15.45	16.7	0
1.4	64QAM	1	0	15.43	15.41	15.58	16.7	0
1.4	64QAM	1	3	15.44	15.44	15.46		
1.4	64QAM	1	5	15.42	15.55	15.46		
1.4	64QAM	3	0	15.44	15.48	15.49		
1.4	64QAM	3	1	15.40	15.41	15.38		
1.4	64QAM	3	3	15.47	15.46	15.46		
1.4	64QAM	6	0	15.43	15.57	15.45	16.7	0
1.4	256QAM	1	0	15.38	15.48	15.51	16.7	0
1.4	256QAM	1	3	15.46	15.45	15.46		
1.4	256QAM	1	5	15.41	15.51	15.45		
1.4	256QAM	3	0	15.50	15.58	15.48		
1.4	256QAM	3	1	15.51	15.48	15.47		
1.4	256QAM	3	3	15.47	15.60	15.43		
1.4	256QAM	6	0	15.37	15.48	15.42	16.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.05	16.19	16.05	17	0
20	QPSK	1	49	16.08	16.08	16.00		
20	QPSK	1	99	16.08	16.08	16.10		
20	QPSK	50	0	16.01	16.15	16.10	17	0
20	QPSK	50	24	16.04	16.05	16.01		
20	QPSK	50	50	16.03	16.10	16.06		
20	QPSK	100	0	16.03	16.16	16.01		
20	16QAM	1	0	16.06	16.15	16.01	17	0
20	16QAM	1	49	16.04	16.12	16.04		
20	16QAM	1	99	16.04	16.06	16.11		
20	16QAM	50	0	16.03	16.08	16.03	17	0
20	16QAM	50	24	15.98	16.14	15.99		
20	16QAM	50	50	16.07	16.11	16.01		
20	16QAM	100	0	16.02	16.14	16.04		
20	64QAM	1	0	16.05	16.14	16.00	17	0
20	64QAM	1	49	16.00	16.07	16.11		
20	64QAM	1	99	15.98	16.06	15.99		
20	64QAM	50	0	16.08	16.09	16.04	17	0
20	64QAM	50	24	16.03	16.15	16.09		
20	64QAM	50	50	16.07	16.15	16.11		
20	64QAM	100	0	16.00	16.06	16.08		
20	256QAM	1	0	16.02	16.15	16.09	17	0
20	256QAM	1	49	16.01	16.09	16.00		
20	256QAM	1	99	15.98	16.04	16.04		
20	256QAM	50	0	15.99	16.14	16.10	17	0
20	256QAM	50	24	16.08	16.12	16.02		
20	256QAM	50	50	16.06	16.04	15.99		
20	256QAM	100	0	16.07	16.16	16.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.99	16.00	15.91	17	0
15	QPSK	1	37	16.01	16.03	15.94		
15	QPSK	1	74	16.03	16.01	16.04		
15	QPSK	36	0	15.92	16.01	16.01	17	0
15	QPSK	36	20	15.96	15.94	15.87		
15	QPSK	36	39	15.95	16.10	16.00		
15	QPSK	75	0	15.88	16.09	15.95		
15	16QAM	1	0	16.01	16.09	15.90	17	0
15	16QAM	1	37	15.96	15.99	15.88		
15	16QAM	1	74	15.89	15.94	16.07		
15	16QAM	36	0	15.91	15.96	15.99	17	0
15	16QAM	36	20	15.89	16.03	15.86		
15	16QAM	36	39	15.98	16.02	15.88		
15	16QAM	75	0	15.93	15.98	15.99		
15	64QAM	1	0	15.99	16.00	15.94	17	0
15	64QAM	1	37	15.93	15.92	16.04		
15	64QAM	1	74	15.83	15.96	15.86		
15	64QAM	36	0	15.96	16.04	15.95	17	0
15	64QAM	36	20	15.96	16.02	15.98		
15	64QAM	36	39	15.97	16.01	16.02		
15	64QAM	75	0	15.92	16.01	16.01		
15	256QAM	1	0	15.86	16.09	15.94	17	0
15	256QAM	1	37	15.87	15.93	15.87		
15	256QAM	1	74	15.87	15.98	15.91		
15	256QAM	36	0	15.92	16.00	16.06	17	0
15	256QAM	36	20	16.00	15.97	15.92		
15	256QAM	36	39	15.99	15.96	15.86		
15	256QAM	75	0	15.95	16.03	15.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.98	16.02	15.92	17	0
10	QPSK	1	25	15.94	16.01	15.85		
10	QPSK	1	49	16.02	15.97	15.95		
10	QPSK	25	0	15.89	15.99	15.97	17	0
10	QPSK	25	12	15.95	15.96	15.93		
10	QPSK	25	25	15.90	16.10	15.93		
10	QPSK	50	0	15.97	16.05	15.96		
10	16QAM	1	0	15.99	16.08	15.86	17	0
10	16QAM	1	25	15.95	16.01	15.96		
10	16QAM	1	49	15.92	15.93	16.02		
10	16QAM	25	0	15.87	15.93	15.93	17	0
10	16QAM	25	12	15.94	15.98	15.92		
10	16QAM	25	25	15.96	16.02	15.92		
10	16QAM	50	0	15.95	16.01	15.98		
10	64QAM	1	0	15.99	15.99	15.88	17	0
10	64QAM	1	25	15.86	16.01	15.96		
10	64QAM	1	49	15.93	15.90	15.94		
10	64QAM	25	0	15.96	15.93	15.96	17	0
10	64QAM	25	12	15.88	16.02	16.05		
10	64QAM	25	25	15.99	16.04	16.02		
10	64QAM	50	0	15.85	15.94	15.98		
10	256QAM	1	0	15.96	16.04	15.99	17	0
10	256QAM	1	25	15.90	15.96	15.95		
10	256QAM	1	49	15.84	15.91	15.98		
10	256QAM	25	0	15.90	16.01	16.06	17	0
10	256QAM	25	12	15.97	16.05	15.96		
10	256QAM	25	25	15.93	15.96	15.86		
10	256QAM	50	0	15.99	16.06	15.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.98	16.02	15.95	17	0
5	QPSK	1	12	15.96	15.94	15.88		
5	QPSK	1	24	15.95	16.02	16.01		
5	QPSK	12	0	15.96	16.02	16.01	17	0
5	QPSK	12	7	15.95	15.92	15.93		
5	QPSK	12	13	15.91	16.06	15.92		
5	QPSK	25	0	15.91	16.06	15.89		
5	16QAM	1	0	15.95	16.09	15.96	17	0
5	16QAM	1	12	15.89	16.04	15.91		
5	16QAM	1	24	15.94	15.99	16.01		
5	16QAM	12	0	15.89	16.02	15.96	17	0
5	16QAM	12	7	15.82	16.10	15.87		
5	16QAM	12	13	15.98	15.96	15.85		
5	16QAM	25	0	15.95	16.04	15.92		
5	64QAM	1	0	15.96	16.01	15.91	17	0
5	64QAM	1	12	15.92	16.02	16.00		
5	64QAM	1	24	15.86	16.02	15.83		
5	64QAM	12	0	15.98	15.96	15.88	17	0
5	64QAM	12	7	15.87	16.09	16.00		
5	64QAM	12	13	15.95	16.09	15.99		
5	64QAM	25	0	15.96	15.97	15.96		
5	256QAM	1	0	15.90	16.07	15.94	17	0
5	256QAM	1	12	15.87	16.01	15.84		
5	256QAM	1	24	15.86	15.95	15.93		
5	256QAM	12	0	15.89	16.08	16.00	17	0
5	256QAM	12	7	16.04	15.98	15.94		
5	256QAM	12	13	15.94	15.94	15.95		
5	256QAM	25	0	15.98	16.05	15.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.92	15.93	15.92	17	0
3	QPSK	1	8	16.03	15.94	15.94		
3	QPSK	1	14	16.01	16.02	15.96		
3	QPSK	8	0	15.89	15.97	15.98	17	0
3	QPSK	8	4	15.98	15.97	15.85		
3	QPSK	8	7	15.91	16.01	15.97		
3	QPSK	15	0	15.91	16.04	15.94		
3	16QAM	1	0	15.94	16.07	15.97	17	0
3	16QAM	1	8	15.96	16.06	15.93		
3	16QAM	1	14	15.97	16.02	15.96		
3	16QAM	8	0	15.88	15.99	15.98	17	0
3	16QAM	8	4	15.83	16.02	15.93		
3	16QAM	8	7	16.02	16.04	15.94		
3	16QAM	15	0	15.93	16.02	15.92		
3	64QAM	1	0	15.94	16.01	15.95	17	0
3	64QAM	1	8	15.88	15.93	15.98		
3	64QAM	1	14	15.83	15.95	15.85		
3	64QAM	8	0	16.01	15.99	15.99	17	0
3	64QAM	8	4	15.96	16.08	16.05		
3	64QAM	8	7	15.98	16.02	16.03		
3	64QAM	15	0	15.86	15.93	15.94		
3	256QAM	1	0	15.95	16.08	16.04	17	0
3	256QAM	1	8	15.91	16.03	15.92		
3	256QAM	1	14	15.93	16.00	15.93		
3	256QAM	8	0	15.88	15.98	16.01	17	0
3	256QAM	8	4	15.93	16.06	15.93		
3	256QAM	8	7	15.93	15.99	15.84		
3	256QAM	15	0	15.99	16.05	15.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.99	16.03	16.00	17	0
1.4	QPSK	1	3	15.99	16.03	15.89		
1.4	QPSK	1	5	15.99	15.94	16.00		
1.4	QPSK	3	0	15.96	15.95	15.96		
1.4	QPSK	3	1	15.96	15.94	15.97		
1.4	QPSK	3	3	15.90	16.00	15.92		
1.4	QPSK	6	0	15.94	16.08	15.89	17	0
1.4	16QAM	1	0	15.93	16.00	15.93	17	0
1.4	16QAM	1	3	16.00	15.99	15.89		
1.4	16QAM	1	5	15.92	15.92	16.02		
1.4	16QAM	3	0	15.89	16.01	15.93		
1.4	16QAM	3	1	15.84	16.05	15.92		
1.4	16QAM	3	3	16.02	16.02	15.94		
1.4	16QAM	6	0	15.94	16.04	15.94	17	0
1.4	64QAM	1	0	15.94	16.09	15.91	17	0
1.4	64QAM	1	3	15.91	15.97	15.97		
1.4	64QAM	1	5	15.92	15.90	15.89		
1.4	64QAM	3	0	15.97	16.04	16.00		
1.4	64QAM	3	1	15.96	15.99	16.05		
1.4	64QAM	3	3	16.00	16.05	15.97		
1.4	64QAM	6	0	15.92	15.92	15.94	17	0
1.4	256QAM	1	0	15.96	16.04	16.01	17	0
1.4	256QAM	1	3	15.97	16.04	15.88		
1.4	256QAM	1	5	15.90	15.90	15.99		
1.4	256QAM	3	0	15.90	16.02	15.95		
1.4	256QAM	3	1	15.93	16.04	15.92		
1.4	256QAM	3	3	15.97	15.93	15.88		
1.4	256QAM	6	0	15.98	16.07	15.96	17	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.09	20.21	20.04	21	0
20	QPSK	1	49	20.09	20.12	20.10		
20	QPSK	1	99	20.10	20.10	20.06		
20	QPSK	50	0	20.10	20.19	20.04	21	0
20	QPSK	50	24	20.08	20.12	20.08		
20	QPSK	50	50	20.05	20.18	20.04		
20	QPSK	100	0	20.13	20.15	20.06		
20	16QAM	1	0	20.13	20.10	20.08	21	0
20	16QAM	1	49	20.15	20.12	20.05		
20	16QAM	1	99	20.07	20.17	20.07		
20	16QAM	50	0	20.12	20.11	20.08	21	0
20	16QAM	50	24	20.06	20.10	20.07		
20	16QAM	50	50	20.14	20.18	20.08		
20	16QAM	100	0	20.10	20.11	20.09		
20	64QAM	1	0	20.11	20.11	20.07	21	0
20	64QAM	1	49	20.11	20.00	20.05		
20	64QAM	1	99	20.04	20.17	20.02		
20	64QAM	50	0	20.11	20.14	20.11	21	0
20	64QAM	50	24	20.11	20.13	20.10		
20	64QAM	50	50	20.05	20.13	20.05		
20	64QAM	100	0	20.10	20.09	20.04		
20	256QAM	1	0	19.53	19.69	19.53	20.5	0.5
20	256QAM	1	49	19.55	19.68	19.58		
20	256QAM	1	99	19.58	19.67	19.60		
20	256QAM	50	0	19.56	19.68	19.53	20.5	0.5
20	256QAM	50	24	19.56	19.66	19.51		
20	256QAM	50	50	19.62	19.70	19.51		
20	256QAM	100	0	19.55	19.61	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.99	20.04	19.98	21	0
15	QPSK	1	37	19.94	20.02	19.96		
15	QPSK	1	74	19.96	19.97	19.98		
15	QPSK	36	0	19.99	20.01	19.99	21	0
15	QPSK	36	20	20.01	20.00	20.00		
15	QPSK	36	39	19.99	20.05	19.95		
15	QPSK	75	0	20.04	19.96	19.99		
15	16QAM	1	0	20.01	20.02	19.94	21	0
15	16QAM	1	37	20.03	20.02	19.99		
15	16QAM	1	74	19.95	20.11	20.00		
15	16QAM	36	0	19.97	20.02	20.01	21	0
15	16QAM	36	20	20.00	19.94	19.96		
15	16QAM	36	39	20.10	20.05	19.92		
15	16QAM	75	0	20.04	20.05	19.97		
15	64QAM	1	0	19.95	20.10	19.98	21	0
15	64QAM	1	37	19.99	20.14	19.95		
15	64QAM	1	74	19.98	20.08	19.86		
15	64QAM	36	0	20.01	20.06	19.96	21	0
15	64QAM	36	20	20.05	19.97	20.06		
15	64QAM	36	39	19.94	20.03	19.94		
15	64QAM	75	0	20.00	19.99	19.99		
15	256QAM	1	0	19.38	19.60	19.38	20.5	0.5
15	256QAM	1	37	19.50	19.59	19.46		
15	256QAM	1	74	19.47	19.58	19.48		
15	256QAM	36	0	19.41	19.53	19.46	20.5	0.5
15	256QAM	36	20	19.51	19.53	19.36		
15	256QAM	36	39	19.57	19.59	19.39		
15	256QAM	75	0	19.50	19.54	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.97	20.08	19.95	21	0
10	QPSK	1	25	19.95	19.98	20.02		
10	QPSK	1	49	19.95	20.01	19.92		
10	QPSK	25	0	20.05	20.03	19.94	21	0
10	QPSK	25	12	19.98	20.03	19.94		
10	QPSK	25	25	19.90	20.04	19.90		
10	QPSK	50	0	20.03	19.98	20.00		
10	16QAM	1	0	20.08	19.97	20.01	21	0
10	16QAM	1	25	20.09	20.05	19.97		
10	16QAM	1	49	19.95	20.09	20.02		
10	16QAM	25	0	19.97	20.05	20.02	21	0
10	16QAM	25	12	19.95	19.95	19.92		
10	16QAM	25	25	19.98	20.09	19.92		
10	16QAM	50	0	20.01	19.99	20.02		
10	64QAM	1	0	20.04	20.11	20.02	21	0
10	64QAM	1	25	20.06	20.05	19.97		
10	64QAM	1	49	19.97	20.04	19.87		
10	64QAM	25	0	20.07	19.99	20.04	21	0
10	64QAM	25	12	20.04	20.02	19.96		
10	64QAM	25	25	19.95	20.02	19.94		
10	64QAM	50	0	19.98	20.00	19.98		
10	256QAM	1	0	19.42	19.58	19.40	20.5	0.5
10	256QAM	1	25	19.51	19.60	19.46		
10	256QAM	1	49	19.54	19.60	19.53		
10	256QAM	25	0	19.43	19.55	19.48	20.5	0.5
10	256QAM	25	12	19.52	19.50	19.43		
10	256QAM	25	25	19.58	19.56	19.38		
10	256QAM	50	0	19.40	19.57	19.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.03	20.05	19.90	21	0
5	QPSK	1	12	19.95	19.98	19.97		
5	QPSK	1	24	20.01	19.96	19.93		
5	QPSK	12	0	20.00	20.04	20.00	21	0
5	QPSK	12	7	20.03	19.97	19.95		
5	QPSK	12	13	19.89	20.06	20.00		
5	QPSK	25	0	20.03	20.04	19.91		
5	16QAM	1	0	20.01	20.01	19.99	21	0
5	16QAM	1	12	20.07	20.06	19.96		
5	16QAM	1	24	19.95	20.12	19.91		
5	16QAM	12	0	20.00	19.95	19.94	21	0
5	16QAM	12	7	19.96	20.04	19.93		
5	16QAM	12	13	20.00	20.04	20.01		
5	16QAM	25	0	20.00	20.05	20.00		
5	64QAM	1	0	20.04	20.11	19.98	21	0
5	64QAM	1	12	19.99	20.07	19.99		
5	64QAM	1	24	19.98	20.09	19.94		
5	64QAM	12	0	20.02	20.06	19.98	21	0
5	64QAM	12	7	20.03	20.02	20.05		
5	64QAM	12	13	19.99	20.02	19.93		
5	64QAM	25	0	20.03	19.99	19.93		
5	256QAM	1	0	19.38	19.61	19.45	20.5	0.5
5	256QAM	1	12	19.49	19.60	19.47		
5	256QAM	1	24	19.48	19.52	19.55		
5	256QAM	12	0	19.42	19.59	19.42	20.5	0.5
5	256QAM	12	7	19.41	19.57	19.39		
5	256QAM	12	13	19.55	19.66	19.36		
5	256QAM	25	0	19.46	19.54	19.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.25	20.44	20.49	20.27	20.27	21.4	0
20	QPSK	1	49	20.33	20.41	20.47	20.26	20.29		
20	QPSK	1	99	20.25	20.43	20.37	20.29	20.31		
20	QPSK	50	0	20.33	20.35	20.46	20.31	20.28	21.4	0
20	QPSK	50	24	20.26	20.42	20.45	20.32	20.28		
20	QPSK	50	50	20.32	20.35	20.42	20.29	20.23		
20	QPSK	100	0	20.25	20.43	20.48	20.27	20.27		
20	16QAM	1	0	20.32	20.43	20.36	20.31	20.27	21.4	0
20	16QAM	1	49	20.31	20.33	20.47	20.29	20.21		
20	16QAM	1	99	20.35	20.33	20.44	20.28	20.26		
20	16QAM	50	0	20.35	20.37	20.42	20.35	20.22	21.4	0
20	16QAM	50	24	20.25	20.41	20.47	20.28	20.27		
20	16QAM	50	50	20.37	20.40	20.44	20.31	20.23		
20	16QAM	100	0	20.25	20.43	20.41	20.30	20.25		
20	64QAM	1	0	20.30	20.42	20.38	20.26	20.27	21.4	0
20	64QAM	1	49	20.37	20.41	20.41	20.36	20.31		
20	64QAM	1	99	20.27	20.37	20.37	20.27	20.29		
20	64QAM	50	0	20.29	20.32	20.43	20.37	20.19	21.4	0
20	64QAM	50	24	20.36	20.37	20.36	20.26	20.26		
20	64QAM	50	50	20.30	20.40	20.45	20.27	20.28		
20	64QAM	100	0	20.27	20.33	20.39	20.32	20.21		
20	256QAM	1	0	19.25	19.34	19.42	19.31	19.22	20.4	1
20	256QAM	1	49	19.32	19.40	19.40	19.31	19.31		
20	256QAM	1	99	19.34	19.34	19.46	19.33	19.30		
20	256QAM	50	0	19.32	19.40	19.42	19.37	19.29	20.4	1
20	256QAM	50	24	19.35	19.38	19.39	19.33	19.31		
20	256QAM	50	50	19.31	19.39	19.40	19.27	19.19		
20	256QAM	100	0	19.31	19.37	19.38	19.27	19.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.39	20.32	20.12	20.13	21.40	0
15	QPSK	1	37	20.23	20.27	20.36	20.14	20.21		
15	QPSK	1	74	20.11	20.31	20.22	20.13	20.17		
15	QPSK	36	0	20.23	20.29	20.34	20.21	20.19	21.4	0
15	QPSK	36	20	20.11	20.29	20.35	20.25	20.22		
15	QPSK	36	39	20.25	20.27	20.35	20.19	20.18		
15	QPSK	75	0	20.18	20.37	20.43	20.16	20.16		
15	16QAM	1	0	20.18	20.34	20.22	20.22	20.13	21.4	0
15	16QAM	1	37	20.22	20.22	20.41	20.21	20.09		
15	16QAM	1	74	20.21	20.23	20.32	20.16	20.16		
15	16QAM	36	0	20.22	20.33	20.26	20.27	20.12	21.4	0
15	16QAM	36	20	20.17	20.36	20.33	20.18	20.16		
15	16QAM	36	39	20.29	20.26	20.28	20.22	20.10		
15	16QAM	75	0	20.10	20.35	20.29	20.21	20.13		
15	64QAM	1	0	20.23	20.30	20.24	20.11	20.12	21.4	0
15	64QAM	1	37	20.27	20.32	20.28	20.26	20.24		
15	64QAM	1	74	20.14	20.26	20.27	20.21	20.22		
15	64QAM	36	0	20.19	20.20	20.29	20.33	20.14	21.4	0
15	64QAM	36	20	20.26	20.30	20.23	20.19	20.17		
15	64QAM	36	39	20.26	20.25	20.29	20.12	20.18		
15	64QAM	75	0	20.18	20.24	20.27	20.19	20.14		
15	256QAM	1	0	19.16	19.19	19.32	19.17	19.15	20.4	1
15	256QAM	1	37	19.26	19.32	19.25	19.26	19.18		
15	256QAM	1	74	19.25	19.22	19.36	19.21	19.24		
15	256QAM	36	0	19.23	19.33	19.30	19.30	19.15	20.4	1
15	256QAM	36	20	19.27	19.31	19.30	19.22	19.23		
15	256QAM	36	39	19.23	19.30	19.32	19.15	19.05		
15	256QAM	75	0	19.21	19.31	19.30	19.17	19.14		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.14	20.31	20.34	20.15	20.17	21.40	0
10	QPSK	1	25	20.19	20.29	20.36	20.15	20.14		
10	QPSK	1	49	20.10	20.30	20.29	20.21	20.18		
10	QPSK	25	0	20.25	20.27	20.29	20.18	20.19	21.4	0
10	QPSK	25	12	20.14	20.31	20.38	20.25	20.21		
10	QPSK	25	25	20.20	20.23	20.26	20.24	20.10		
10	QPSK	50	0	20.12	20.31	20.35	20.16	20.15		
10	16QAM	1	0	20.18	20.35	20.26	20.19	20.18	21.4	0
10	16QAM	1	25	20.17	20.21	20.33	20.21	20.05		
10	16QAM	1	49	20.21	20.20	20.29	20.12	20.14		
10	16QAM	25	0	20.29	20.27	20.28	20.23	20.11	21.4	0
10	16QAM	25	12	20.19	20.28	20.38	20.16	20.15		
10	16QAM	25	25	20.32	20.35	20.33	20.19	20.16		
10	16QAM	50	0	20.15	20.34	20.32	20.15	20.10		
10	64QAM	1	0	20.23	20.28	20.24	20.13	20.22	21.4	0
10	64QAM	1	25	20.32	20.27	20.29	20.21	20.24		
10	64QAM	1	49	20.16	20.22	20.32	20.12	20.17		
10	64QAM	25	0	20.17	20.27	20.34	20.29	20.07	21.4	0
10	64QAM	25	12	20.27	20.33	20.27	20.14	20.13		
10	64QAM	25	25	20.17	20.28	20.36	20.19	20.16		
10	64QAM	50	0	20.18	20.26	20.29	20.26	20.14		
10	256QAM	1	0	19.14	19.22	19.37	19.26	19.13	20.4	1
10	256QAM	1	25	19.26	19.25	19.26	19.24	19.19		
10	256QAM	1	49	19.25	19.27	19.36	19.21	19.15		
10	256QAM	25	0	19.21	19.28	19.29	19.28	19.18	20.4	1
10	256QAM	25	12	19.19	19.23	19.34	19.28	19.24		
10	256QAM	25	25	19.23	19.34	19.30	19.12	19.03		
10	256QAM	50	0	19.18	19.25	19.28	19.13	19.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.10	20.33	20.33	20.12	20.22	21.40	0
5	QPSK	1	12	20.19	20.29	20.42	20.19	20.16		
5	QPSK	1	24	20.21	20.36	20.24	20.15	20.21		
5	QPSK	12	0	20.21	20.26	20.30	20.24	20.20	21.4	0
5	QPSK	12	7	20.16	20.35	20.35	20.19	20.16		
5	QPSK	12	13	20.26	20.31	20.34	20.16	20.14		
5	QPSK	25	0	20.19	20.34	20.41	20.19	20.17		
5	16QAM	1	0	20.17	20.28	20.26	20.21	20.11	21.4	0
5	16QAM	1	12	20.27	20.22	20.42	20.14	20.10		
5	16QAM	1	24	20.30	20.26	20.35	20.14	20.15		
5	16QAM	12	0	20.28	20.27	20.37	20.25	20.08	21.4	0
5	16QAM	12	7	20.10	20.27	20.33	20.16	20.16		
5	16QAM	12	13	20.27	20.34	20.38	20.27	20.17		
5	16QAM	25	0	20.19	20.35	20.27	20.17	20.19		
5	64QAM	1	0	20.19	20.26	20.24	20.13	20.15	21.4	0
5	64QAM	1	12	20.26	20.26	20.35	20.30	20.24		
5	64QAM	1	24	20.13	20.21	20.22	20.22	20.16		
5	64QAM	12	0	20.14	20.19	20.30	20.27	20.07	21.4	0
5	64QAM	12	7	20.30	20.33	20.31	20.18	20.21		
5	64QAM	12	13	20.15	20.35	20.30	20.14	20.13		
5	64QAM	25	0	20.14	20.27	20.27	20.26	20.16		
5	256QAM	1	0	19.12	19.24	19.27	19.25	19.08	20.4	1
5	256QAM	1	12	19.25	19.33	19.34	19.16	19.24		
5	256QAM	1	24	19.24	19.26	19.41	19.28	19.15		
5	256QAM	12	0	19.20	19.36	19.36	19.28	19.21	20.4	1
5	256QAM	12	7	19.23	19.33	19.30	19.18	19.17		
5	256QAM	12	13	19.24	19.26	19.30	19.18	19.11		
5	256QAM	25	0	19.19	19.24	19.28	19.15	19.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.15	19.39	19.26	20	0
20	QPSK	1	49	19.21	19.25	19.22		
20	QPSK	1	99	19.24	19.34	19.27		
20	QPSK	50	0	19.26	19.29	19.22	20	0
20	QPSK	50	24	19.25	19.27	19.22		
20	QPSK	50	50	19.19	19.28	19.24		
20	QPSK	100	0	19.19	19.34	19.27		
20	16QAM	1	0	19.26	19.30	19.27	20	0
20	16QAM	1	49	19.24	19.33	19.20		
20	16QAM	1	99	19.26	19.28	19.31		
20	16QAM	50	0	19.26	19.35	19.21	20	0
20	16QAM	50	24	19.27	19.30	19.25		
20	16QAM	50	50	19.23	19.31	19.19		
20	16QAM	100	0	19.17	19.27	19.29		
20	64QAM	1	0	19.26	19.34	19.31	20	0
20	64QAM	1	49	19.18	19.35	19.23		
20	64QAM	1	99	19.21	19.31	19.21		
20	64QAM	50	0	19.17	19.29	19.26	20	0
20	64QAM	50	24	19.24	19.28	19.24		
20	64QAM	50	50	19.20	19.35	19.24		
20	64QAM	100	0	19.21	19.35	19.30		
20	256QAM	1	0	19.25	19.28	19.28	20	0
20	256QAM	1	49	19.17	19.30	19.21		
20	256QAM	1	99	19.18	19.35	19.21		
20	256QAM	50	0	19.24	19.29	19.24	20	0
20	256QAM	50	24	19.19	19.29	19.29		
20	256QAM	50	50	19.27	19.24	19.30		
20	256QAM	100	0	19.22	19.27	19.30		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.07	19.23	19.19	20	0
15	QPSK	1	37	19.14	19.11	19.14		
15	QPSK	1	74	19.10	19.22	19.12		
15	QPSK	36	0	19.21	19.16	19.11	20	0
15	QPSK	36	20	19.21	19.15	19.08		
15	QPSK	36	39	19.10	19.20	19.16		
15	QPSK	75	0	19.04	19.28	19.12		
15	16QAM	1	0	19.12	19.25	19.15	20	0
15	16QAM	1	37	19.19	19.27	19.07		
15	16QAM	1	74	19.17	19.19	19.16		
15	16QAM	36	0	19.10	19.20	19.08	20	0
15	16QAM	36	20	19.16	19.22	19.15		
15	16QAM	36	39	19.16	19.24	19.14		
15	16QAM	75	0	19.10	19.13	19.16		
15	64QAM	1	0	19.19	19.28	19.17	20	0
15	64QAM	1	37	19.08	19.23	19.11		
15	64QAM	1	74	19.11	19.27	19.09		
15	64QAM	36	0	19.12	19.14	19.15	20	0
15	64QAM	36	20	19.19	19.22	19.09		
15	64QAM	36	39	19.07	19.27	19.13		
15	64QAM	75	0	19.06	19.22	19.20		
15	256QAM	1	0	19.14	19.13	19.17	20	0
15	256QAM	1	37	19.02	19.22	19.15		
15	256QAM	1	74	19.11	19.26	19.15		
15	256QAM	36	0	19.10	19.25	19.10	20	0
15	256QAM	36	20	19.14	19.16	19.24		
15	256QAM	36	39	19.16	19.20	19.17		
15	256QAM	75	0	19.17	19.19	19.18		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.99	19.21	19.14	20	0
10	QPSK	1	25	19.07	19.18	19.12		
10	QPSK	1	49	19.15	19.19	19.15		
10	QPSK	25	0	19.17	19.21	19.10	20	0
10	QPSK	25	12	19.19	19.14	19.17		
10	QPSK	25	25	19.08	19.23	19.18		
10	QPSK	50	0	19.05	19.29	19.11		
10	16QAM	1	0	19.10	19.25	19.19	20	0
10	16QAM	1	25	19.14	19.25	19.08		
10	16QAM	1	49	19.11	19.20	19.23		
10	16QAM	25	0	19.22	19.29	19.12	20	0
10	16QAM	25	12	19.13	19.19	19.09		
10	16QAM	25	25	19.08	19.18	19.10		
10	16QAM	50	0	19.11	19.12	19.21		
10	64QAM	1	0	19.20	19.22	19.24	20	0
10	64QAM	1	25	19.10	19.26	19.14		
10	64QAM	1	49	19.13	19.24	19.07		
10	64QAM	25	0	19.06	19.25	19.12	20	0
10	64QAM	25	12	19.18	19.17	19.12		
10	64QAM	25	25	19.13	19.30	19.10		
10	64QAM	50	0	19.08	19.31	19.16		
10	256QAM	1	0	19.11	19.15	19.22	20	0
10	256QAM	1	25	19.13	19.15	19.16		
10	256QAM	1	49	19.07	19.25	19.07		
10	256QAM	25	0	19.14	19.25	19.13	20	0
10	256QAM	25	12	19.06	19.24	19.20		
10	256QAM	25	25	19.12	19.19	19.15		
10	256QAM	50	0	19.13	19.22	19.21		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.05	19.26	19.20	20	0
5	QPSK	1	12	19.08	19.16	19.15		
5	QPSK	1	24	19.18	19.25	19.19		
5	QPSK	12	0	19.21	19.23	19.16	20	0
5	QPSK	12	7	19.12	19.16	19.15		
5	QPSK	12	13	19.10	19.16	19.16		
5	QPSK	25	0	19.05	19.25	19.15		
5	16QAM	1	0	19.14	19.20	19.22	20	0
5	16QAM	1	12	19.16	19.19	19.11		
5	16QAM	1	24	19.17	19.21	19.26		
5	16QAM	12	0	19.20	19.24	19.12	20	0
5	16QAM	12	7	19.17	19.26	19.11		
5	16QAM	12	13	19.11	19.24	19.08		
5	16QAM	25	0	19.05	19.22	19.20		
5	64QAM	1	0	19.15	19.19	19.16	20	0
5	64QAM	1	12	19.11	19.27	19.15		
5	64QAM	1	24	19.06	19.21	19.15		
5	64QAM	12	0	19.05	19.16	19.17	20	0
5	64QAM	12	7	19.12	19.20	19.13		
5	64QAM	12	13	19.13	19.21	19.20		
5	64QAM	25	0	19.13	19.24	19.21		
5	256QAM	1	0	19.09	19.12	19.17	20	0
5	256QAM	1	12	19.04	19.20	19.13		
5	256QAM	1	24	19.04	19.28	19.08		
5	256QAM	12	0	19.11	19.23	19.16	20	0
5	256QAM	12	7	19.07	19.21	19.17		
5	256QAM	12	13	19.16	19.16	19.25		
5	256QAM	25	0	19.08	19.22	19.23		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.39	17.45	17.28	17.26	18.4	0
20	QPSK	1	49	17.32	17.37	17.26	17.24		
20	QPSK	1	99	17.29	17.35	17.26	17.31		
20	QPSK	50	0	17.39	17.41	17.29	17.31	18.4	0
20	QPSK	50	24	17.40	17.33	17.28	17.30		
20	QPSK	50	50	17.34	17.39	17.27	17.28		
20	QPSK	100	0	17.29	17.32	17.25	17.29		
20	16QAM	1	0	17.31	17.34	17.33	17.29	18.4	0
20	16QAM	1	49	17.29	17.38	17.31	17.33		
20	16QAM	1	99	17.35	17.33	17.31	17.36		
20	16QAM	50	0	17.38	17.39	17.30	17.35	18.4	0
20	16QAM	50	24	17.38	17.38	17.24	17.26		
20	16QAM	50	50	17.41	17.39	17.28	17.34		
20	16QAM	100	0	17.33	17.36	17.32	17.31		
20	64QAM	1	0	17.29	17.32	17.29	17.28	18.4	0
20	64QAM	1	49	17.37	17.37	17.26	17.26		
20	64QAM	1	99	17.33	17.38	17.28	17.26		
20	64QAM	50	0	17.31	17.30	17.26	17.29	18.4	0
20	64QAM	50	24	17.39	17.34	17.33	17.28		
20	64QAM	50	50	17.32	17.31	17.33	17.36		
20	64QAM	100	0	17.39	17.41	17.31	17.27		
20	256QAM	1	0	17.30	17.40	17.32	17.27	18.4	0
20	256QAM	1	49	17.37	17.41	17.25	17.31		
20	256QAM	1	99	17.32	17.31	17.33	17.34		
20	256QAM	50	0	17.33	17.36	17.32	17.28	18.4	0
20	256QAM	50	24	17.39	17.40	17.34	17.34		
20	256QAM	50	50	17.30	17.34	17.23	17.25		
20	256QAM	100	0	17.35	17.37	17.34	17.33		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.28	17.25	17.14	17.10	18.4	0
15	QPSK	1	37	17.22	17.28	17.12	17.20		
15	QPSK	1	74	17.21	17.26	17.17	17.23		
15	QPSK	36	0	17.24	17.22	17.20	17.19	18.4	0
15	QPSK	36	20	17.25	17.28	17.15	17.25		
15	QPSK	36	39	17.24	17.28	17.19	17.16		
15	QPSK	75	0	17.22	17.19	17.12	17.16		
15	16QAM	1	0	17.15	17.23	17.28	17.19	18.4	0
15	16QAM	1	37	17.21	17.27	17.27	17.27		
15	16QAM	1	74	17.31	17.23	17.26	17.25		
15	16QAM	36	0	17.26	17.25	17.17	17.22	18.4	0
15	16QAM	36	20	17.25	17.24	17.19	17.20		
15	16QAM	36	39	17.28	17.30	17.13	17.20		
15	16QAM	75	0	17.20	17.24	17.24	17.22		
15	64QAM	1	0	17.22	17.25	17.17	17.16	18.4	0
15	64QAM	1	37	17.23	17.26	17.16	17.15		
15	64QAM	1	74	17.28	17.23	17.24	17.15		
15	64QAM	36	0	17.20	17.26	17.20	17.16	18.4	0
15	64QAM	36	20	17.33	17.27	17.17	17.20		
15	64QAM	36	39	17.28	17.25	17.17	17.27		
15	64QAM	75	0	17.32	17.36	17.20	17.15		
15	256QAM	1	0	17.20	17.35	17.17	17.14	18.4	0
15	256QAM	1	37	17.24	17.28	17.11	17.20		
15	256QAM	1	74	17.23	17.18	17.21	17.19		
15	256QAM	36	0	17.23	17.22	17.17	17.17	18.4	0
15	256QAM	36	20	17.27	17.28	17.22	17.23		
15	256QAM	36	39	17.15	17.30	17.15	17.17		
15	256QAM	75	0	17.28	17.33	17.29	17.26		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.35	17.21	17.13	17.21	18.4	0
10	QPSK	1	25	17.24	17.29	17.18	17.16		
10	QPSK	1	49	17.17	17.28	17.10	17.20		
10	QPSK	25	0	17.24	17.30	17.19	17.22	18.4	0
10	QPSK	25	12	17.35	17.26	17.19	17.18		
10	QPSK	25	25	17.26	17.23	17.22	17.20		
10	QPSK	50	0	17.13	17.18	17.17	17.23		
10	16QAM	1	0	17.19	17.27	17.29	17.22	18.4	0
10	16QAM	1	25	17.17	17.26	17.21	17.22		
10	16QAM	1	49	17.21	17.19	17.24	17.26		
10	16QAM	25	0	17.24	17.32	17.19	17.22	18.4	0
10	16QAM	25	12	17.31	17.22	17.09	17.16		
10	16QAM	25	25	17.35	17.29	17.14	17.22		
10	16QAM	50	0	17.25	17.22	17.21	17.22		
10	64QAM	1	0	17.16	17.26	17.19	17.18	18.4	0
10	64QAM	1	25	17.33	17.24	17.16	17.20		
10	64QAM	1	49	17.26	17.27	17.17	17.14		
10	64QAM	25	0	17.26	17.18	17.15	17.22	18.4	0
10	64QAM	25	12	17.27	17.26	17.24	17.14		
10	64QAM	25	25	17.24	17.21	17.24	17.26		
10	64QAM	50	0	17.28	17.27	17.27	17.11		
10	256QAM	1	0	17.25	17.33	17.21	17.14	18.4	0
10	256QAM	1	25	17.23	17.30	17.20	17.20		
10	256QAM	1	49	17.27	17.24	17.20	17.28		
10	256QAM	25	0	17.21	17.24	17.19	17.20	18.4	0
10	256QAM	25	12	17.29	17.35	17.24	17.21		
10	256QAM	25	25	17.25	17.23	17.17	17.12		
10	256QAM	50	0	17.31	17.21	17.19	17.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.28	17.24	17.15	17.18	18.4	0
5	QPSK	1	12	17.25	17.31	17.20	17.15		
5	QPSK	1	24	17.15	17.23	17.12	17.25		
5	QPSK	12	0	17.29	17.24	17.19	17.16	18.4	0
5	QPSK	12	7	17.26	17.21	17.22	17.17		
5	QPSK	12	13	17.28	17.26	17.14	17.18		
5	QPSK	25	0	17.15	17.16	17.15	17.24		
5	16QAM	1	0	17.20	17.29	17.20	17.19	18.4	0
5	16QAM	1	12	17.14	17.23	17.19	17.23		
5	16QAM	1	24	17.26	17.24	17.16	17.31		
5	16QAM	12	0	17.28	17.26	17.23	17.22	18.4	0
5	16QAM	12	7	17.25	17.28	17.13	17.20		
5	16QAM	12	13	17.37	17.32	17.18	17.19		
5	16QAM	25	0	17.18	17.28	17.18	17.21		
5	64QAM	1	0	17.17	17.23	17.14	17.15	18.4	0
5	64QAM	1	12	17.24	17.25	17.14	17.16		
5	64QAM	1	24	17.21	17.24	17.16	17.12		
5	64QAM	12	0	17.17	17.15	17.20	17.25	18.4	0
5	64QAM	12	7	17.30	17.23	17.27	17.14		
5	64QAM	12	13	17.18	17.17	17.21	17.29		
5	64QAM	25	0	17.29	17.30	17.18	17.19		
5	256QAM	1	0	17.16	17.34	17.23	17.15	18.4	0
5	256QAM	1	12	17.21	17.34	17.20	17.15		
5	256QAM	1	24	17.26	17.15	17.21	17.24		
5	256QAM	12	0	17.17	17.22	17.25	17.20	18.4	0
5	256QAM	12	7	17.27	17.32	17.28	17.22		
5	256QAM	12	13	17.15	17.27	17.08	17.15		
5	256QAM	25	0	17.21	17.28	17.20	17.28		

Band 4 Other PA Ant6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.17	15.41	15.24	16.5	0
20	QPSK	1	49	15.24	15.31	15.19		
20	QPSK	1	99	15.17	15.33	15.20		
20	QPSK	50	0	15.18	15.35	15.22	16.5	0
20	QPSK	50	24	15.23	15.31	15.21		
20	QPSK	50	50	15.17	15.34	15.25		
20	QPSK	100	0	15.24	15.38	15.16		
20	16QAM	1	0	15.18	15.34	15.25	16.5	0
20	16QAM	1	49	15.19	15.37	15.23		
20	16QAM	1	99	15.18	15.29	15.21		
20	16QAM	50	0	15.20	15.33	15.20	16.5	0
20	16QAM	50	24	15.22	15.32	15.26		
20	16QAM	50	50	15.16	15.38	15.17		
20	16QAM	100	0	15.19	15.35	15.21		
20	64QAM	1	0	15.17	15.39	15.22	16.5	0
20	64QAM	1	49	15.26	15.31	15.26		
20	64QAM	1	99	15.24	15.29	15.21		
20	64QAM	50	0	15.19	15.33	15.26	16.5	0
20	64QAM	50	24	15.19	15.33	15.26		
20	64QAM	50	50	15.23	15.37	15.21		
20	64QAM	100	0	15.16	15.38	15.15		
20	256QAM	1	0	15.19	15.33	15.16	16.5	0
20	256QAM	1	49	15.19	15.39	15.18		
20	256QAM	1	99	15.22	15.38	15.20		
20	256QAM	50	0	15.26	15.35	15.15	16.5	0
20	256QAM	50	24	15.17	15.34	15.26		
20	256QAM	50	50	15.25	15.34	15.22		
20	256QAM	100	0	15.24	15.37	15.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.12	15.31	15.18	16.5	0
15	QPSK	1	37	15.18	15.22	15.05		
15	QPSK	1	74	15.07	15.18	15.12		
15	QPSK	36	0	15.09	15.26	15.11	16.5	0
15	QPSK	36	20	15.18	15.25	15.08		
15	QPSK	36	39	15.04	15.28	15.18		
15	QPSK	75	0	15.17	15.27	15.09		
15	16QAM	1	0	15.04	15.22	15.19	16.5	0
15	16QAM	1	37	15.07	15.28	15.10		
15	16QAM	1	74	15.06	15.19	15.06		
15	16QAM	36	0	15.15	15.21	15.14	16.5	0
15	16QAM	36	20	15.07	15.21	15.18		
15	16QAM	36	39	15.02	15.33	15.10		
15	16QAM	75	0	15.03	15.28	15.16		
15	64QAM	1	0	15.08	15.26	15.17	16.5	0
15	64QAM	1	37	15.12	15.25	15.13		
15	64QAM	1	74	15.10	15.15	15.12		
15	64QAM	36	0	15.11	15.18	15.13	16.5	0
15	64QAM	36	20	15.13	15.25	15.12		
15	64QAM	36	39	15.15	15.32	15.13		
15	64QAM	75	0	15.02	15.25	15.01		
15	256QAM	1	0	15.15	15.18	15.09	16.5	0
15	256QAM	1	37	15.15	15.23	15.13		
15	256QAM	1	74	15.11	15.25	15.12		
15	256QAM	36	0	15.16	15.20	15.10	16.5	0
15	256QAM	36	20	15.12	15.23	15.12		
15	256QAM	36	39	15.15	15.20	15.17		
15	256QAM	75	0	15.13	15.22	15.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.05	15.32	15.16	16.5	0
10	QPSK	1	25	15.10	15.18	15.12		
10	QPSK	1	49	15.03	15.27	15.08		
10	QPSK	25	0	15.07	15.21	15.06	16.5	0
10	QPSK	25	12	15.08	15.17	15.06		
10	QPSK	25	25	15.07	15.28	15.13		
10	QPSK	50	0	15.16	15.28	15.08		
10	16QAM	1	0	15.11	15.24	15.15	16.5	0
10	16QAM	1	25	15.06	15.28	15.16		
10	16QAM	1	49	15.03	15.17	15.16		
10	16QAM	25	0	15.15	15.27	15.07	16.5	0
10	16QAM	25	12	15.07	15.26	15.14		
10	16QAM	25	25	15.11	15.31	15.08		
10	16QAM	50	0	15.05	15.29	15.16		
10	64QAM	1	0	15.02	15.32	15.10	16.5	0
10	64QAM	1	25	15.10	15.26	15.14		
10	64QAM	1	49	15.11	15.18	15.14		
10	64QAM	25	0	15.13	15.17	15.20	16.5	0
10	64QAM	25	12	15.11	15.18	15.20		
10	64QAM	25	25	15.19	15.27	15.10		
10	64QAM	50	0	15.11	15.26	15.01		
10	256QAM	1	0	15.10	15.22	15.06	16.5	0
10	256QAM	1	25	15.09	15.33	15.13		
10	256QAM	1	49	15.07	15.30	15.10		
10	256QAM	25	0	15.13	15.23	15.04	16.5	0
10	256QAM	25	12	15.04	15.26	15.17		
10	256QAM	25	25	15.12	15.29	15.18		
10	256QAM	50	0	15.11	15.32	15.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.11	15.31	15.13	16.5	0
5	QPSK	1	12	15.13	15.18	15.06		
5	QPSK	1	24	15.13	15.26	15.15		
5	QPSK	12	0	15.14	15.27	15.10	16.5	0
5	QPSK	12	7	15.19	15.27	15.06		
5	QPSK	12	13	15.12	15.25	15.14		
5	QPSK	25	0	15.12	15.28	15.05		
5	16QAM	1	0	15.05	15.29	15.10	16.5	0
5	16QAM	1	12	15.08	15.32	15.15		
5	16QAM	1	24	15.06	15.15	15.14		
5	16QAM	12	0	15.10	15.25	15.08	16.5	0
5	16QAM	12	7	15.09	15.26	15.20		
5	16QAM	12	13	15.01	15.24	15.10		
5	16QAM	25	0	15.05	15.26	15.08		
5	64QAM	1	0	15.08	15.33	15.13	16.5	0
5	64QAM	1	12	15.13	15.18	15.21		
5	64QAM	1	24	15.18	15.20	15.06		
5	64QAM	12	0	15.10	15.18	15.21	16.5	0
5	64QAM	12	7	15.06	15.27	15.12		
5	64QAM	12	13	15.12	15.21	15.15		
5	64QAM	25	0	15.03	15.26	15.05		
5	256QAM	1	0	15.09	15.27	15.02	16.5	0
5	256QAM	1	12	15.06	15.29	15.05		
5	256QAM	1	24	15.09	15.30	15.09		
5	256QAM	12	0	15.20	15.22	15.02	16.5	0
5	256QAM	12	7	15.01	15.29	15.17		
5	256QAM	12	13	15.11	15.24	15.06		
5	256QAM	25	0	15.16	15.27	15.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.06	15.33	15.13	16.5	0
3	QPSK	1	8	15.10	15.21	15.07		
3	QPSK	1	14	15.11	15.19	15.05		
3	QPSK	8	0	15.08	15.26	15.07	16.5	0
3	QPSK	8	4	15.15	15.25	15.13		
3	QPSK	8	7	15.06	15.25	15.20		
3	QPSK	15	0	15.20	15.27	15.05		
3	16QAM	1	0	15.12	15.24	15.16	16.5	0
3	16QAM	1	8	15.11	15.25	15.12		
3	16QAM	1	14	15.02	15.14	15.11		
3	16QAM	8	0	15.12	15.17	15.12	16.5	0
3	16QAM	8	4	15.17	15.26	15.13		
3	16QAM	8	7	15.08	15.31	15.04		
3	16QAM	15	0	15.04	15.26	15.07		
3	64QAM	1	0	15.03	15.33	15.18	16.5	0
3	64QAM	1	8	15.06	15.24	15.22		
3	64QAM	1	14	15.16	15.24	15.12		
3	64QAM	8	0	15.08	15.24	15.20	16.5	0
3	64QAM	8	4	15.08	15.23	15.14		
3	64QAM	8	7	15.09	15.32	15.06		
3	64QAM	15	0	15.06	15.32	15.05		
3	256QAM	1	0	15.11	15.22	15.07	16.5	0
3	256QAM	1	8	15.09	15.32	15.13		
3	256QAM	1	14	15.14	15.26	15.14		
3	256QAM	8	0	15.18	15.25	15.04	16.5	0
3	256QAM	8	4	15.07	15.28	15.17		
3	256QAM	8	7	15.17	15.19	15.11		
3	256QAM	15	0	15.12	15.31	15.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.07	15.26	15.15	16.5	0
1.4	QPSK	1	3	15.10	15.16	15.07		
1.4	QPSK	1	5	15.05	15.26	15.15		
1.4	QPSK	3	0	15.07	15.24	15.12		
1.4	QPSK	3	1	15.13	15.16	15.09		
1.4	QPSK	3	3	15.02	15.21	15.15		
1.4	QPSK	6	0	15.14	15.31	15.01	16.5	0
1.4	16QAM	1	0	15.12	15.20	15.19	16.5	0
1.4	16QAM	1	3	15.09	15.22	15.18		
1.4	16QAM	1	5	15.07	15.20	15.12		
1.4	16QAM	3	0	15.10	15.21	15.15		
1.4	16QAM	3	1	15.10	15.24	15.10		
1.4	16QAM	3	3	15.07	15.24	15.10		
1.4	16QAM	6	0	15.14	15.27	15.10	16.5	0
1.4	64QAM	1	0	15.12	15.23	15.16	16.5	0
1.4	64QAM	1	3	15.15	15.21	15.15		
1.4	64QAM	1	5	15.09	15.16	15.10		
1.4	64QAM	3	0	15.05	15.17	15.15		
1.4	64QAM	3	1	15.11	15.29	15.15		
1.4	64QAM	3	3	15.12	15.29	15.17		
1.4	64QAM	6	0	15.09	15.28	15.00	16.5	0
1.4	256QAM	1	0	15.13	15.20	15.10	16.5	0
1.4	256QAM	1	3	15.04	15.30	15.04		
1.4	256QAM	1	5	15.13	15.34	15.11		
1.4	256QAM	3	0	15.15	15.27	15.11		
1.4	256QAM	3	1	15.04	15.30	15.17		
1.4	256QAM	3	3	15.21	15.26	15.11		
1.4	256QAM	6	0	15.20	15.24	15.13	16.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.93	15.12	14.89	15.8	0
20	QPSK	1	49	14.96	15.03	14.94		
20	QPSK	1	99	14.94	14.98	14.96		
20	QPSK	50	0	15.00	15.03	14.95	15.8	0
20	QPSK	50	24	14.90	15.00	14.92		
20	QPSK	50	50	14.91	14.99	14.91		
20	QPSK	100	0	14.98	14.99	14.93		
20	16QAM	1	0	14.90	15.00	14.87	15.8	0
20	16QAM	1	49	14.92	15.04	14.91		
20	16QAM	1	99	14.95	14.97	14.92		
20	16QAM	50	0	14.96	14.95	14.94	15.8	0
20	16QAM	50	24	14.92	14.98	14.86		
20	16QAM	50	50	14.93	15.03	14.89		
20	16QAM	100	0	14.90	15.06	14.96		
20	64QAM	1	0	14.90	15.01	14.87	15.8	0
20	64QAM	1	49	14.90	15.03	14.95		
20	64QAM	1	99	15.00	15.00	14.88		
20	64QAM	50	0	14.92	14.99	14.90	15.8	0
20	64QAM	50	24	14.90	15.02	14.90		
20	64QAM	50	50	14.93	15.00	14.87		
20	64QAM	100	0	14.93	15.01	14.86		
20	256QAM	1	0	14.95	15.06	14.93	15.8	0
20	256QAM	1	49	14.98	15.05	14.86		
20	256QAM	1	99	14.93	15.05	14.97		
20	256QAM	50	0	14.91	15.04	14.88	15.8	0
20	256QAM	50	24	14.89	15.04	14.87		
20	256QAM	50	50	14.90	15.03	14.92		
20	256QAM	100	0	14.98	15.03	14.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.89	14.96	14.83	15.8	0
15	QPSK	1	37	14.87	14.92	14.82		
15	QPSK	1	74	14.83	14.87	14.82		
15	QPSK	36	0	14.88	14.95	14.82	15.8	0
15	QPSK	36	20	14.77	14.89	14.85		
15	QPSK	36	39	14.82	14.94	14.83		
15	QPSK	75	0	14.93	14.88	14.85		
15	16QAM	1	0	14.80	14.90	14.76	15.8	0
15	16QAM	1	37	14.84	14.88	14.85		
15	16QAM	1	74	14.90	14.81	14.80		
15	16QAM	36	0	14.90	14.89	14.88	15.8	0
15	16QAM	36	20	14.83	14.86	14.81		
15	16QAM	36	39	14.77	14.96	14.82		
15	16QAM	75	0	14.82	15.00	14.81		
15	64QAM	1	0	14.75	14.94	14.81	15.8	0
15	64QAM	1	37	14.77	14.90	14.85		
15	64QAM	1	74	14.86	14.84	14.78		
15	64QAM	36	0	14.80	14.89	14.78	15.8	0
15	64QAM	36	20	14.80	14.88	14.86		
15	64QAM	36	39	14.84	14.91	14.80		
15	64QAM	75	0	14.87	14.91	14.74		
15	256QAM	1	0	14.90	14.98	14.81	15.8	0
15	256QAM	1	37	14.85	14.95	14.70		
15	256QAM	1	74	14.78	15.00	14.84		
15	256QAM	36	0	14.78	14.99	14.77	15.8	0
15	256QAM	36	20	14.76	14.96	14.77		
15	256QAM	36	39	14.80	14.93	14.80		
15	256QAM	75	0	14.82	14.95	14.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.87	14.97	14.79	15.8	0
10	QPSK	1	25	14.90	14.94	14.82		
10	QPSK	1	49	14.85	14.85	14.85		
10	QPSK	25	0	14.86	14.91	14.87	15.8	0
10	QPSK	25	12	14.84	14.91	14.85		
10	QPSK	25	25	14.80	14.92	14.76		
10	QPSK	50	0	14.83	14.89	14.84		
10	16QAM	1	0	14.78	14.93	14.80	15.8	0
10	16QAM	1	25	14.88	14.97	14.86		
10	16QAM	1	49	14.87	14.89	14.77		
10	16QAM	25	0	14.89	14.88	14.80	15.8	0
10	16QAM	25	12	14.76	14.84	14.81		
10	16QAM	25	25	14.82	14.92	14.80		
10	16QAM	50	0	14.76	14.97	14.85		
10	64QAM	1	0	14.78	14.86	14.77	15.8	0
10	64QAM	1	25	14.83	14.96	14.82		
10	64QAM	1	49	14.86	14.91	14.73		
10	64QAM	25	0	14.77	14.93	14.76	15.8	0
10	64QAM	25	12	14.77	14.91	14.78		
10	64QAM	25	25	14.80	14.94	14.76		
10	64QAM	50	0	14.79	14.94	14.75		
10	256QAM	1	0	14.79	14.98	14.81	15.8	0
10	256QAM	1	25	14.83	14.92	14.70		
10	256QAM	1	49	14.79	14.92	14.83		
10	256QAM	25	0	14.80	14.92	14.74	15.8	0
10	256QAM	25	12	14.78	14.96	14.79		
10	256QAM	25	25	14.79	14.87	14.80		
10	256QAM	50	0	14.92	14.88	14.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.85	15.03	14.76	15.8	0
5	QPSK	1	12	14.83	14.94	14.88		
5	QPSK	1	24	14.79	14.83	14.87		
5	QPSK	12	0	14.90	14.89	14.82	15.8	0
5	QPSK	12	7	14.86	14.88	14.86		
5	QPSK	12	13	14.82	14.93	14.77		
5	QPSK	25	0	14.92	14.92	14.88		
5	16QAM	1	0	14.79	14.86	14.81	15.8	0
5	16QAM	1	12	14.88	14.95	14.80		
5	16QAM	1	24	14.87	14.92	14.77		
5	16QAM	12	0	14.86	14.81	14.85	15.8	0
5	16QAM	12	7	14.79	14.85	14.82		
5	16QAM	12	13	14.86	14.88	14.79		
5	16QAM	25	0	14.76	14.91	14.87		
5	64QAM	1	0	14.86	14.96	14.81	15.8	0
5	64QAM	1	12	14.81	14.93	14.87		
5	64QAM	1	24	14.85	14.86	14.82		
5	64QAM	12	0	14.77	14.87	14.85	15.8	0
5	64QAM	12	7	14.76	14.88	14.82		
5	64QAM	12	13	14.84	14.88	14.80		
5	64QAM	25	0	14.81	14.89	14.71		
5	256QAM	1	0	14.90	14.92	14.77	15.8	0
5	256QAM	1	12	14.91	14.93	14.80		
5	256QAM	1	24	14.87	14.99	14.92		
5	256QAM	12	0	14.83	15.00	14.76	15.8	0
5	256QAM	12	7	14.75	14.96	14.81		
5	256QAM	12	13	14.76	14.88	14.86		
5	256QAM	25	0	14.88	14.90	14.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.87	17.05	16.92	18	0
20	QPSK	1	49	16.86	16.95	16.86		
20	QPSK	1	99	16.88	16.93	16.92		
20	QPSK	50	0	16.90	16.96	16.91	18	0
20	QPSK	50	24	16.81	16.95	16.89		
20	QPSK	50	50	16.88	16.95	16.94		
20	QPSK	100	0	16.82	16.92	16.91		
20	16QAM	1	0	16.88	16.94	16.85	18	0
20	16QAM	1	49	16.90	16.97	16.91		
20	16QAM	1	99	16.81	16.90	16.88		
20	16QAM	50	0	16.82	16.96	16.90	18	0
20	16QAM	50	24	16.80	16.89	16.86		
20	16QAM	50	50	16.81	16.89	16.91		
20	16QAM	100	0	16.81	16.86	16.91		
20	64QAM	1	0	16.80	16.96	16.85	18	0
20	64QAM	1	49	16.86	16.92	16.87		
20	64QAM	1	99	16.82	16.94	16.86		
20	64QAM	50	0	16.83	16.98	16.87	18	0
20	64QAM	50	24	16.80	16.88	16.87		
20	64QAM	50	50	16.82	16.88	16.89		
20	64QAM	100	0	16.85	16.87	16.85		
20	256QAM	1	0	16.82	16.92	16.86	18	0
20	256QAM	1	49	16.79	16.87	16.90		
20	256QAM	1	99	16.82	16.89	16.91		
20	256QAM	50	0	16.80	16.95	16.85	18	0
20	256QAM	50	24	16.87	16.86	16.88		
20	256QAM	50	50	16.82	16.90	16.93		
20	256QAM	100	0	16.82	16.90	16.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.75	16.74	16.82	18	0
15	QPSK	1	37	16.73	16.85	16.77		
15	QPSK	1	74	16.79	16.87	16.82		
15	QPSK	36	0	16.76	16.79	16.78	18	0
15	QPSK	36	20	16.70	16.91	16.76		
15	QPSK	36	39	16.81	16.90	16.81		
15	QPSK	75	0	16.66	16.78	16.86		
15	16QAM	1	0	16.83	16.78	16.77	18	0
15	16QAM	1	37	16.84	16.85	16.83		
15	16QAM	1	74	16.76	16.79	16.83		
15	16QAM	36	0	16.69	16.84	16.85	18	0
15	16QAM	36	20	16.74	16.81	16.72		
15	16QAM	36	39	16.67	16.74	16.79		
15	16QAM	75	0	16.71	16.73	16.76		
15	64QAM	1	0	16.65	16.85	16.77	18	0
15	64QAM	1	37	16.80	16.87	16.75		
15	64QAM	1	74	16.77	16.83	16.82		
15	64QAM	36	0	16.77	16.85	16.76	18	0
15	64QAM	36	20	16.72	16.78	16.83		
15	64QAM	36	39	16.68	16.84	16.75		
15	64QAM	75	0	16.70	16.74	16.80		
15	256QAM	1	0	16.71	16.85	16.72	18	0
15	256QAM	1	37	16.64	16.76	16.78		
15	256QAM	1	74	16.76	16.79	16.85		
15	256QAM	36	0	16.67	16.83	16.79	18	0
15	256QAM	36	20	16.73	16.80	16.80		
15	256QAM	36	39	16.72	16.76	16.81		
15	256QAM	75	0	16.69	16.82	16.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.72	16.75	16.81	18	0
10	QPSK	1	25	16.81	16.91	16.80		
10	QPSK	1	49	16.76	16.86	16.79		
10	QPSK	25	0	16.76	16.80	16.79	18	0
10	QPSK	25	12	16.77	16.90	16.76		
10	QPSK	25	25	16.74	16.90	16.81		
10	QPSK	50	0	16.67	16.75	16.81		
10	16QAM	1	0	16.73	16.80	16.69	18	0
10	16QAM	1	25	16.77	16.91	16.76		
10	16QAM	1	49	16.66	16.75	16.79		
10	16QAM	25	0	16.72	16.87	16.75	18	0
10	16QAM	25	12	16.65	16.78	16.71		
10	16QAM	25	25	16.69	16.73	16.79		
10	16QAM	50	0	16.66	16.79	16.80		
10	64QAM	1	0	16.76	16.91	16.69	18	0
10	64QAM	1	25	16.74	16.83	16.78		
10	64QAM	1	49	16.69	16.84	16.71		
10	64QAM	25	0	16.76	16.91	16.77	18	0
10	64QAM	25	12	16.67	16.81	16.80		
10	64QAM	25	25	16.78	16.75	16.79		
10	64QAM	50	0	16.80	16.80	16.74		
10	256QAM	1	0	16.68	16.81	16.75	18	0
10	256QAM	1	25	16.66	16.82	16.77		
10	256QAM	1	49	16.68	16.78	16.78		
10	256QAM	25	0	16.75	16.86	16.71	18	0
10	256QAM	25	12	16.82	16.77	16.81		
10	256QAM	25	25	16.76	16.80	16.77		
10	256QAM	50	0	16.74	16.85	16.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.72	16.81	16.87	18	0
5	QPSK	1	12	16.72	16.84	16.82		
5	QPSK	1	24	16.73	16.88	16.84		
5	QPSK	12	0	16.81	16.73	16.75	18	0
5	QPSK	12	7	16.75	16.88	16.81		
5	QPSK	12	13	16.80	16.81	16.81		
5	QPSK	25	0	16.76	16.71	16.81		
5	16QAM	1	0	16.73	16.82	16.72	18	0
5	16QAM	1	12	16.78	16.90	16.83		
5	16QAM	1	24	16.75	16.84	16.82		
5	16QAM	12	0	16.78	16.86	16.74	18	0
5	16QAM	12	7	16.68	16.76	16.75		
5	16QAM	12	13	16.65	16.81	16.76		
5	16QAM	25	0	16.68	16.82	16.77		
5	64QAM	1	0	16.73	16.90	16.72	18	0
5	64QAM	1	12	16.82	16.81	16.73		
5	64QAM	1	24	16.69	16.82	16.71		
5	64QAM	12	0	16.75	16.87	16.75	18	0
5	64QAM	12	7	16.68	16.80	16.82		
5	64QAM	12	13	16.76	16.77	16.85		
5	64QAM	25	0	16.74	16.81	16.71		
5	256QAM	1	0	16.69	16.80	16.71	18	0
5	256QAM	1	12	16.68	16.76	16.83		
5	256QAM	1	24	16.77	16.78	16.83		
5	256QAM	12	0	16.68	16.89	16.79	18	0
5	256QAM	12	7	16.80	16.74	16.82		
5	256QAM	12	13	16.77	16.79	16.79		
5	256QAM	25	0	16.75	16.77	16.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.79	16.71	16.76	18	0
3	QPSK	1	8	16.79	16.89	16.82		
3	QPSK	1	14	16.81	16.89	16.86		
3	QPSK	8	0	16.84	16.79	16.76	18	0
3	QPSK	8	4	16.75	16.82	16.80		
3	QPSK	8	7	16.82	16.83	16.84		
3	QPSK	15	0	16.74	16.78	16.77		
3	16QAM	1	0	16.78	16.80	16.76	18	0
3	16QAM	1	8	16.78	16.93	16.77		
3	16QAM	1	14	16.72	16.83	16.76		
3	16QAM	8	0	16.69	16.80	16.85	18	0
3	16QAM	8	4	16.69	16.80	16.75		
3	16QAM	8	7	16.74	16.80	16.79		
3	16QAM	15	0	16.76	16.74	16.87		
3	64QAM	1	0	16.72	16.83	16.73	18	0
3	64QAM	1	8	16.81	16.80	16.76		
3	64QAM	1	14	16.78	16.86	16.80		
3	64QAM	8	0	16.77	16.88	16.77	18	0
3	64QAM	8	4	16.70	16.84	16.75		
3	64QAM	8	7	16.67	16.74	16.84		
3	64QAM	15	0	16.71	16.75	16.71		
3	256QAM	1	0	16.71	16.83	16.80	18	0
3	256QAM	1	8	16.71	16.71	16.77		
3	256QAM	1	14	16.73	16.81	16.83		
3	256QAM	8	0	16.71	16.85	16.81	18	0
3	256QAM	8	4	16.81	16.72	16.78		
3	256QAM	8	7	16.71	16.79	16.85		
3	256QAM	15	0	16.77	16.85	16.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.81	16.79	16.84	18	0
1.4	QPSK	1	3	16.70	16.87	16.82		
1.4	QPSK	1	5	16.78	16.86	16.83		
1.4	QPSK	3	0	16.86	16.81	16.77		
1.4	QPSK	3	1	16.67	16.89	16.76		
1.4	QPSK	3	3	16.74	16.88	16.89		
1.4	QPSK	6	0	16.73	16.71	16.77	18	0
1.4	16QAM	1	0	16.77	16.81	16.72	18	0
1.4	16QAM	1	3	16.78	16.92	16.82		
1.4	16QAM	1	5	16.76	16.75	16.72		
1.4	16QAM	3	0	16.69	16.86	16.79		
1.4	16QAM	3	1	16.72	16.80	16.74		
1.4	16QAM	3	3	16.74	16.75	16.85		
1.4	16QAM	6	0	16.67	16.73	16.78	18	0
1.4	64QAM	1	0	16.71	16.88	16.73	18	0
1.4	64QAM	1	3	16.82	16.84	16.83		
1.4	64QAM	1	5	16.68	16.80	16.80		
1.4	64QAM	3	0	16.78	16.89	16.80		
1.4	64QAM	3	1	16.68	16.76	16.76		
1.4	64QAM	3	3	16.68	16.75	16.83		
1.4	64QAM	6	0	16.78	16.75	16.78	18	0
1.4	256QAM	1	0	16.73	16.83	16.77	18	0
1.4	256QAM	1	3	16.70	16.74	16.74		
1.4	256QAM	1	5	16.71	16.74	16.77		
1.4	256QAM	3	0	16.71	16.79	16.72		
1.4	256QAM	3	1	16.80	16.71	16.77		
1.4	256QAM	3	3	16.71	16.80	16.78		
1.4	256QAM	6	0	16.70	16.79	16.79	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.37	17.55	17.34	18.4	0
20	QPSK	1	49	17.47	17.41	17.43		
20	QPSK	1	99	17.44	17.45	17.45		
20	QPSK	50	0	17.42	17.49	17.43	18.4	0
20	QPSK	50	24	17.35	17.48	17.36		
20	QPSK	50	50	17.43	17.46	17.35		
20	QPSK	100	0	17.36	17.42	17.41		
20	16QAM	1	0	17.43	17.42	17.43	18.4	0
20	16QAM	1	49	17.44	17.46	17.36		
20	16QAM	1	99	17.44	17.48	17.37		
20	16QAM	50	0	17.41	17.45	17.38	18.4	0
20	16QAM	50	24	17.40	17.39	17.39		
20	16QAM	50	50	17.46	17.48	17.42		
20	16QAM	100	0	17.40	17.43	17.37		
20	64QAM	1	0	17.43	17.40	17.42	18.4	0
20	64QAM	1	49	17.42	17.49	17.45		
20	64QAM	1	99	17.36	17.49	17.38		
20	64QAM	50	0	17.39	17.39	17.40	18.4	0
20	64QAM	50	24	17.36	17.40	17.34		
20	64QAM	50	50	17.38	17.44	17.34		
20	64QAM	100	0	17.36	17.41	17.35		
20	256QAM	1	0	17.43	17.42	17.36	18.4	0
20	256QAM	1	49	17.43	17.47	17.33		
20	256QAM	1	99	17.46	17.38	17.36		
20	256QAM	50	0	17.47	17.44	17.40	18.4	0
20	256QAM	50	24	17.45	17.45	17.33		
20	256QAM	50	50	17.45	17.41	17.36		
20	256QAM	100	0	17.45	17.46	17.45		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.33	17.32	17.28	18.4	0
15	QPSK	1	37	17.36	17.32	17.28		
15	QPSK	1	74	17.36	17.31	17.37		
15	QPSK	36	0	17.31	17.35	17.36	18.4	0
15	QPSK	36	20	17.28	17.43	17.30		
15	QPSK	36	39	17.31	17.39	17.25		
15	QPSK	75	0	17.31	17.30	17.27		
15	16QAM	1	0	17.28	17.30	17.33	18.4	0
15	16QAM	1	37	17.34	17.35	17.31		
15	16QAM	1	74	17.37	17.43	17.29		
15	16QAM	36	0	17.34	17.40	17.24	18.4	0
15	16QAM	36	20	17.33	17.32	17.33		
15	16QAM	36	39	17.38	17.43	17.38		
15	16QAM	75	0	17.30	17.34	17.21		
15	64QAM	1	0	17.36	17.29	17.30	18.4	0
15	64QAM	1	37	17.32	17.43	17.31		
15	64QAM	1	74	17.27	17.36	17.24		
15	64QAM	36	0	17.34	17.35	17.28	18.4	0
15	64QAM	36	20	17.25	17.35	17.22		
15	64QAM	36	39	17.33	17.34	17.25		
15	64QAM	75	0	17.30	17.33	17.31		
15	256QAM	1	0	17.27	17.33	17.32	18.4	0
15	256QAM	1	37	17.33	17.32	17.20		
15	256QAM	1	74	17.31	17.28	17.29		
15	256QAM	36	0	17.36	17.35	17.28	18.4	0
15	256QAM	36	20	17.35	17.37	17.21		
15	256QAM	36	39	17.32	17.29	17.25		
15	256QAM	75	0	17.38	17.40	17.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.21	17.36	17.28	18.4	0
10	QPSK	1	25	17.42	17.36	17.29		
10	QPSK	1	49	17.30	17.37	17.35		
10	QPSK	25	0	17.29	17.35	17.30	18.4	0
10	QPSK	25	12	17.19	17.32	17.24		
10	QPSK	25	25	17.37	17.34	17.31		
10	QPSK	50	0	17.30	17.26	17.33		
10	16QAM	1	0	17.34	17.29	17.32	18.4	0
10	16QAM	1	25	17.32	17.35	17.29		
10	16QAM	1	49	17.29	17.37	17.29		
10	16QAM	25	0	17.30	17.41	17.33	18.4	0
10	16QAM	25	12	17.34	17.31	17.25		
10	16QAM	25	25	17.32	17.42	17.37		
10	16QAM	50	0	17.24	17.39	17.25		
10	64QAM	1	0	17.39	17.26	17.30	18.4	0
10	64QAM	1	25	17.37	17.42	17.32		
10	64QAM	1	49	17.25	17.40	17.29		
10	64QAM	25	0	17.35	17.31	17.28	18.4	0
10	64QAM	25	12	17.27	17.30	17.29		
10	64QAM	25	25	17.34	17.39	17.29		
10	64QAM	50	0	17.25	17.28	17.23		
10	256QAM	1	0	17.38	17.28	17.29	18.4	0
10	256QAM	1	25	17.29	17.35	17.25		
10	256QAM	1	49	17.38	17.32	17.32		
10	256QAM	25	0	17.34	17.28	17.25	18.4	0
10	256QAM	25	12	17.33	17.31	17.24		
10	256QAM	25	25	17.35	17.35	17.21		
10	256QAM	50	0	17.34	17.38	17.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.23	17.38	17.25	18.4	0
5	QPSK	1	12	17.37	17.32	17.39		
5	QPSK	1	24	17.36	17.40	17.32		
5	QPSK	12	0	17.28	17.35	17.37	18.4	0
5	QPSK	12	7	17.30	17.42	17.27		
5	QPSK	12	13	17.31	17.40	17.26		
5	QPSK	25	0	17.30	17.34	17.28		
5	16QAM	1	0	17.35	17.31	17.35	18.4	0
5	16QAM	1	12	17.32	17.34	17.24		
5	16QAM	1	24	17.40	17.33	17.32		
5	16QAM	12	0	17.26	17.39	17.23	18.4	0
5	16QAM	12	7	17.28	17.27	17.23		
5	16QAM	12	13	17.40	17.41	17.29		
5	16QAM	25	0	17.26	17.34	17.29		
5	64QAM	1	0	17.28	17.33	17.36	18.4	0
5	64QAM	1	12	17.37	17.38	17.40		
5	64QAM	1	24	17.29	17.38	17.25		
5	64QAM	12	0	17.29	17.28	17.24	18.4	0
5	64QAM	12	7	17.30	17.31	17.22		
5	64QAM	12	13	17.24	17.34	17.21		
5	64QAM	25	0	17.24	17.31	17.27		
5	256QAM	1	0	17.34	17.38	17.28	18.4	0
5	256QAM	1	12	17.39	17.40	17.18		
5	256QAM	1	24	17.39	17.24	17.21		
5	256QAM	12	0	17.41	17.38	17.29	18.4	0
5	256QAM	12	7	17.39	17.30	17.28		
5	256QAM	12	13	17.36	17.34	17.31		
5	256QAM	25	0	17.31	17.39	17.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.42	17.50	17.59	17.36	17.48	18.4	0
20	QPSK	1	49	17.45	17.50	17.55	17.47	17.51		
20	QPSK	1	99	17.46	17.44	17.51	17.39	17.49		
20	QPSK	50	0	17.40	17.47	17.56	17.43	17.45	18.4	0
20	QPSK	50	24	17.44	17.52	17.55	17.44	17.40		
20	QPSK	50	50	17.44	17.45	17.54	17.47	17.45		
20	QPSK	100	0	17.40	17.41	17.50	17.35	17.40		
20	16QAM	1	0	17.45	17.50	17.53	17.36	17.43	18.4	0
20	16QAM	1	49	17.46	17.42	17.52	17.41	17.51		
20	16QAM	1	99	17.44	17.45	17.52	17.45	17.42		
20	16QAM	50	0	17.44	17.48	17.57	17.44	17.42	18.4	0
20	16QAM	50	24	17.39	17.44	17.48	17.41	17.45		
20	16QAM	50	50	17.40	17.44	17.51	17.36	17.50		
20	16QAM	100	0	17.42	17.49	17.48	17.41	17.41		
20	64QAM	1	0	17.42	17.42	17.50	17.43	17.48	18.4	0
20	64QAM	1	49	17.38	17.45	17.56	17.38	17.41		
20	64QAM	1	99	17.43	17.52	17.46	17.39	17.45		
20	64QAM	50	0	17.42	17.52	17.46	17.39	17.50	18.4	0
20	64QAM	50	24	17.43	17.43	17.49	17.43	17.42		
20	64QAM	50	50	17.45	17.53	17.51	17.40	17.48		
20	64QAM	100	0	17.46	17.44	17.52	17.38	17.43		
20	256QAM	1	0	17.41	17.52	17.54	17.47	17.46	18.4	0
20	256QAM	1	49	17.47	17.52	17.50	17.44	17.49		
20	256QAM	1	99	17.42	17.41	17.54	17.42	17.47		
20	256QAM	50	0	17.46	17.48	17.48	17.40	17.42	18.4	0
20	256QAM	50	24	17.47	17.45	17.53	17.46	17.52		
20	256QAM	50	50	17.49	17.46	17.51	17.39	17.42		
20	256QAM	100	0	17.44	17.41	17.49	17.42	17.47		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.27	17.43	17.38	17.24	17.40	18.40	0
15	QPSK	1	37	17.36	17.44	17.44	17.35	17.42		
15	QPSK	1	74	17.33	17.30	17.47	17.31	17.42		
15	QPSK	36	0	17.26	17.42	17.38	17.29	17.34	18.4	0
15	QPSK	36	20	17.35	17.43	17.50	17.30	17.35		
15	QPSK	36	39	17.37	17.32	17.39	17.37	17.36		
15	QPSK	75	0	17.34	17.32	17.37	17.26	17.28		
15	16QAM	1	0	17.32	17.38	17.47	17.28	17.35	18.4	0
15	16QAM	1	37	17.31	17.32	17.42	17.34	17.41		
15	16QAM	1	74	17.29	17.34	17.38	17.33	17.27		
15	16QAM	36	0	17.40	17.36	17.48	17.28	17.32	18.4	0
15	16QAM	36	20	17.32	17.29	17.39	17.34	17.35		
15	16QAM	36	39	17.27	17.34	17.43	17.28	17.44		
15	16QAM	75	0	17.27	17.39	17.34	17.29	17.37		
15	64QAM	1	0	17.35	17.35	17.34	17.33	17.36	18.4	0
15	64QAM	1	37	17.25	17.40	17.46	17.32	17.34		
15	64QAM	1	74	17.30	17.39	17.32	17.35	17.35		
15	64QAM	36	0	17.35	17.42	17.31	17.33	17.39	18.4	0
15	64QAM	36	20	17.29	17.28	17.39	17.29	17.28		
15	64QAM	36	39	17.33	17.43	17.39	17.28	17.42		
15	64QAM	75	0	17.32	17.32	17.46	17.31	17.31		
15	256QAM	1	0	17.27	17.41	17.45	17.37	17.40	18.4	0
15	256QAM	1	37	17.41	17.48	17.35	17.32	17.42		
15	256QAM	1	74	17.27	17.27	17.40	17.31	17.37		
15	256QAM	36	0	17.38	17.40	17.34	17.26	17.37	18.4	0
15	256QAM	36	20	17.40	17.32	17.48	17.35	17.41		
15	256QAM	36	39	17.35	17.36	17.36	17.31	17.37		
15	256QAM	75	0	17.39	17.37	17.36	17.34	17.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.37	17.41	17.36	17.32	17.34	18.40	0
10	QPSK	1	25	17.34	17.36	17.40	17.41	17.42		
10	QPSK	1	49	17.41	17.40	17.37	17.28	17.37		
10	QPSK	25	0	17.33	17.41	17.32	17.31	17.36	18.4	0
10	QPSK	25	12	17.40	17.37	17.49	17.30	17.29		
10	QPSK	25	25	17.39	17.34	17.45	17.35	17.31		
10	QPSK	50	0	17.32	17.31	17.41	17.23	17.30		
10	16QAM	1	0	17.35	17.45	17.42	17.25	17.27	18.4	0
10	16QAM	1	25	17.36	17.36	17.39	17.26	17.44		
10	16QAM	1	49	17.29	17.32	17.42	17.36	17.29		
10	16QAM	25	0	17.33	17.42	17.44	17.37	17.27	18.4	0
10	16QAM	25	12	17.31	17.33	17.33	17.36	17.29		
10	16QAM	25	25	17.25	17.34	17.41	17.20	17.41		
10	16QAM	50	0	17.34	17.38	17.39	17.31	17.35		
10	64QAM	1	0	17.31	17.37	17.37	17.27	17.40	18.4	0
10	64QAM	1	25	17.26	17.37	17.49	17.23	17.35		
10	64QAM	1	49	17.28	17.38	17.42	17.27	17.30		
10	64QAM	25	0	17.33	17.40	17.31	17.34	17.40	18.4	0
10	64QAM	25	12	17.38	17.28	17.36	17.34	17.35		
10	64QAM	25	25	17.32	17.39	17.37	17.26	17.35		
10	64QAM	50	0	17.38	17.28	17.37	17.22	17.33		
10	256QAM	1	0	17.34	17.42	17.46	17.33	17.42	18.4	0
10	256QAM	1	25	17.40	17.47	17.37	17.31	17.41		
10	256QAM	1	49	17.27	17.35	17.39	17.32	17.33		
10	256QAM	25	0	17.38	17.39	17.38	17.28	17.30	18.4	0
10	256QAM	25	12	17.37	17.31	17.41	17.30	17.39		
10	256QAM	25	25	17.40	17.33	17.44	17.28	17.27		
10	256QAM	50	0	17.36	17.25	17.42	17.28	17.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.30	17.36	17.39	17.20	17.38	18.40	0
5	QPSK	1	12	17.34	17.42	17.42	17.41	17.37		
5	QPSK	1	24	17.33	17.39	17.39	17.31	17.41		
5	QPSK	12	0	17.24	17.42	17.40	17.32	17.37	18.4	0
5	QPSK	12	7	17.33	17.45	17.43	17.31	17.25		
5	QPSK	12	13	17.37	17.36	17.48	17.33	17.34		
5	QPSK	25	0	17.27	17.33	17.42	17.21	17.26		
5	16QAM	1	0	17.39	17.45	17.47	17.31	17.29	18.4	0
5	16QAM	1	12	17.35	17.37	17.46	17.32	17.38		
5	16QAM	1	24	17.39	17.35	17.41	17.32	17.29		
5	16QAM	12	0	17.36	17.37	17.47	17.28	17.38	18.4	0
5	16QAM	12	7	17.25	17.36	17.43	17.29	17.40		
5	16QAM	12	13	17.30	17.40	17.38	17.24	17.39		
5	16QAM	25	0	17.34	17.43	17.39	17.27	17.31		
5	64QAM	1	0	17.33	17.28	17.43	17.28	17.35	18.4	0
5	64QAM	1	12	17.28	17.36	17.43	17.22	17.35		
5	64QAM	1	24	17.31	17.40	17.39	17.33	17.36		
5	64QAM	12	0	17.29	17.38	17.35	17.29	17.41	18.4	0
5	64QAM	12	7	17.27	17.30	17.41	17.34	17.27		
5	64QAM	12	13	17.40	17.40	17.43	17.30	17.34		
5	64QAM	25	0	17.31	17.40	17.40	17.23	17.34		
5	256QAM	1	0	17.28	17.38	17.42	17.36	17.34	18.4	0
5	256QAM	1	12	17.38	17.41	17.37	17.34	17.37		
5	256QAM	1	24	17.32	17.33	17.44	17.34	17.32		
5	256QAM	12	0	17.31	17.37	17.34	17.27	17.31	18.4	0
5	256QAM	12	7	17.37	17.31	17.47	17.41	17.39		
5	256QAM	12	13	17.37	17.31	17.41	17.33	17.28		
5	256QAM	25	0	17.29	17.27	17.34	17.27	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.60	17.66	17.47	18.6	0
20	QPSK	1	49	17.51	17.64	17.49		
20	QPSK	1	99	17.58	17.56	17.51		
20	QPSK	50	0	17.56	17.65	17.45	18.6	0
20	QPSK	50	24	17.58	17.60	17.50		
20	QPSK	50	50	17.59	17.58	17.42		
20	QPSK	100	0	17.51	17.54	17.51		
20	16QAM	1	0	17.50	17.61	17.52	18.6	0
20	16QAM	1	49	17.60	17.62	17.52		
20	16QAM	1	99	17.56	17.55	17.52		
20	16QAM	50	0	17.58	17.53	17.45	18.6	0
20	16QAM	50	24	17.60	17.64	17.51		
20	16QAM	50	50	17.58	17.64	17.53		
20	16QAM	100	0	17.51	17.62	17.42		
20	64QAM	1	0	17.58	17.61	17.48	18.6	0
20	64QAM	1	49	17.57	17.58	17.50		
20	64QAM	1	99	17.55	17.61	17.48		
20	64QAM	50	0	17.54	17.59	17.49	18.6	0
20	64QAM	50	24	17.54	17.57	17.49		
20	64QAM	50	50	17.57	17.61	17.44		
20	64QAM	100	0	17.59	17.59	17.49		
20	256QAM	1	0	16.01	16.12	15.99	17.1	1.5
20	256QAM	1	49	16.10	16.12	15.93		
20	256QAM	1	99	16.03	16.08	16.01		
20	256QAM	50	0	16.00	16.06	15.95	17.1	1.5
20	256QAM	50	24	16.02	16.13	16.00		
20	256QAM	50	50	15.99	16.12	15.98		
20	256QAM	100	0	16.03	16.03	15.95		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.45	17.42	17.33	18.6	0
15	QPSK	1	37	17.39	17.51	17.36		
15	QPSK	1	74	17.50	17.52	17.41		
15	QPSK	36	0	17.50	17.55	17.32	18.6	0
15	QPSK	36	20	17.46	17.45	17.45		
15	QPSK	36	39	17.47	17.42	17.36		
15	QPSK	75	0	17.46	17.48	17.36		
15	16QAM	1	0	17.43	17.45	17.41	18.6	0
15	16QAM	1	37	17.53	17.50	17.44		
15	16QAM	1	74	17.46	17.50	17.46		
15	16QAM	36	0	17.42	17.40	17.38	18.6	0
15	16QAM	36	20	17.51	17.54	17.46		
15	16QAM	36	39	17.47	17.52	17.42		
15	16QAM	75	0	17.43	17.54	17.27		
15	64QAM	1	0	17.52	17.51	17.33	18.6	0
15	64QAM	1	37	17.47	17.43	17.37		
15	64QAM	1	74	17.41	17.53	17.38		
15	64QAM	36	0	17.42	17.49	17.33	18.6	0
15	64QAM	36	20	17.41	17.44	17.36		
15	64QAM	36	39	17.47	17.50	17.38		
15	64QAM	75	0	17.52	17.55	17.34		
15	256QAM	1	0	15.86	16.00	15.86	17.1	1.5
15	256QAM	1	37	16.05	15.99	15.82		
15	256QAM	1	74	15.93	16.02	15.92		
15	256QAM	36	0	15.88	16.01	15.83	17.1	1.5
15	256QAM	36	20	15.91	15.97	15.84		
15	256QAM	36	39	15.87	16.04	15.87		
15	256QAM	75	0	15.93	15.92	15.87		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.45	17.47	17.36	18.6	0
10	QPSK	1	25	17.38	17.55	17.45		
10	QPSK	1	49	17.48	17.44	17.37		
10	QPSK	25	0	17.40	17.59	17.29	18.6	0
10	QPSK	25	12	17.44	17.47	17.39		
10	QPSK	25	25	17.47	17.50	17.37		
10	QPSK	50	0	17.38	17.46	17.36		
10	16QAM	1	0	17.42	17.51	17.39	18.6	0
10	16QAM	1	25	17.53	17.47	17.37		
10	16QAM	1	49	17.48	17.46	17.41		
10	16QAM	25	0	17.43	17.44	17.30	18.6	0
10	16QAM	25	12	17.46	17.58	17.43		
10	16QAM	25	25	17.51	17.49	17.39		
10	16QAM	50	0	17.37	17.52	17.27		
10	64QAM	1	0	17.44	17.56	17.41	18.6	0
10	64QAM	1	25	17.50	17.47	17.41		
10	64QAM	1	49	17.51	17.47	17.40		
10	64QAM	25	0	17.44	17.54	17.42	18.6	0
10	64QAM	25	12	17.39	17.50	17.40		
10	64QAM	25	25	17.45	17.55	17.40		
10	64QAM	50	0	17.50	17.48	17.34		
10	256QAM	1	0	15.89	16.02	15.87	17.1	1.5
10	256QAM	1	25	16.01	16.05	15.83		
10	256QAM	1	49	15.90	15.93	15.87		
10	256QAM	25	0	15.91	15.98	15.80	17.1	1.5
10	256QAM	25	12	15.92	16.06	15.94		
10	256QAM	25	25	15.85	16.08	15.84		
10	256QAM	50	0	15.89	15.95	15.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.48	17.42	17.32	18.6	0
5	QPSK	1	12	17.46	17.54	17.34		
5	QPSK	1	24	17.51	17.46	17.45		
5	QPSK	12	0	17.50	17.55	17.33	18.6	0
5	QPSK	12	7	17.50	17.47	17.45		
5	QPSK	12	13	17.50	17.52	17.27		
5	QPSK	25	0	17.36	17.49	17.39		
5	16QAM	1	0	17.36	17.48	17.45	18.6	0
5	16QAM	1	12	17.51	17.58	17.38		
5	16QAM	1	24	17.51	17.44	17.39		
5	16QAM	12	0	17.46	17.39	17.40	18.6	0
5	16QAM	12	7	17.45	17.54	17.36		
5	16QAM	12	13	17.42	17.55	17.43		
5	16QAM	25	0	17.41	17.57	17.34		
5	64QAM	1	0	17.53	17.49	17.41	18.6	0
5	64QAM	1	12	17.41	17.47	17.42		
5	64QAM	1	24	17.50	17.50	17.38		
5	64QAM	12	0	17.41	17.52	17.41	18.6	0
5	64QAM	12	7	17.43	17.46	17.34		
5	64QAM	12	13	17.42	17.49	17.40		
5	64QAM	25	0	17.53	17.49	17.43		
5	256QAM	1	0	15.92	16.07	15.92	17.1	1.5
5	256QAM	1	12	16.02	16.00	15.78		
5	256QAM	1	24	15.89	15.94	15.91		
5	256QAM	12	0	15.93	16.00	15.84	17.1	1.5
5	256QAM	12	7	15.95	15.99	15.93		
5	256QAM	12	13	15.91	16.03	15.93		
5	256QAM	25	0	15.94	15.94	15.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.13	16.21	16.06	16.07	17.2	0
20	QPSK	1	49	16.02	16.12	16.07	15.99		
20	QPSK	1	99	16.08	16.14	16.02	16.01		
20	QPSK	50	0	16.08	16.13	16.11	16.07	17.2	0
20	QPSK	50	24	16.04	16.09	16.05	15.98		
20	QPSK	50	50	16.12	16.12	16.01	16.00		
20	QPSK	100	0	16.03	16.09	16.04	15.96		
20	16QAM	1	0	16.14	16.07	16.08	16.03	17.2	0
20	16QAM	1	49	16.09	16.06	16.01	16.06		
20	16QAM	1	99	16.08	16.16	16.00	15.99		
20	16QAM	50	0	16.08	16.07	16.02	15.96	17.2	0
20	16QAM	50	24	16.13	16.16	16.04	15.98		
20	16QAM	50	50	16.10	16.05	16.08	15.97		
20	16QAM	100	0	16.06	16.09	16.06	16.02		
20	64QAM	1	0	16.14	16.16	16.09	16.01	17.2	0
20	64QAM	1	49	16.05	16.07	16.07	16.04		
20	64QAM	1	99	16.10	16.06	16.07	16.00		
20	64QAM	50	0	16.10	16.16	16.04	15.99	17.2	0
20	64QAM	50	24	16.14	16.16	16.03	16.00		
20	64QAM	50	50	16.08	16.15	16.09	16.06		
20	64QAM	100	0	16.08	16.11	16.03	16.03		
20	256QAM	1	0	15.08	15.07	15.00	14.95	16.2	1
20	256QAM	1	49	15.11	15.12	15.06	15.02		
20	256QAM	1	99	15.10	15.13	15.05	15.02		
20	256QAM	50	0	15.09	15.12	15.01	15.03	16.2	1
20	256QAM	50	24	15.04	15.12	15.02	15.04		
20	256QAM	50	50	15.12	15.14	15.03	15.07		
20	256QAM	100	0	15.08	15.11	15.02	14.97		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.07	16.00	15.95	16.01	17.2	0
15	QPSK	1	37	15.95	16.01	15.97	15.94		
15	QPSK	1	74	16.00	16.01	15.90	15.89		
15	QPSK	36	0	15.98	15.91	15.98	15.94	17.2	0
15	QPSK	36	20	15.98	15.99	15.96	15.94		
15	QPSK	36	39	16.08	16.06	15.95	15.95		
15	QPSK	75	0	15.89	16.02	15.96	15.91		
15	16QAM	1	0	16.07	15.96	15.96	15.90	17.2	0
15	16QAM	1	37	15.99	15.96	15.93	16.00		
15	16QAM	1	74	15.95	16.07	15.94	15.85		
15	16QAM	36	0	15.94	15.91	15.91	15.83	17.2	0
15	16QAM	36	20	15.98	16.00	15.90	15.90		
15	16QAM	36	39	16.00	15.97	15.97	15.86		
15	16QAM	75	0	15.95	15.95	15.94	15.89		
15	64QAM	1	0	16.00	16.12	15.95	15.92	17.2	0
15	64QAM	1	37	15.93	15.97	16.01	15.96		
15	64QAM	1	74	16.06	15.96	15.99	15.85		
15	64QAM	36	0	15.99	16.01	15.90	15.86	17.2	0
15	64QAM	36	20	16.00	16.05	15.98	15.91		
15	64QAM	36	39	15.98	16.05	15.96	16.01		
15	64QAM	75	0	16.00	15.96	15.87	15.94		
15	256QAM	1	0	14.94	14.96	14.84	14.79	16.2	1
15	256QAM	1	37	15.02	15.06	14.98	14.94		
15	256QAM	1	74	15.04	15.08	14.92	14.94		
15	256QAM	36	0	14.98	14.99	14.97	14.98	16.2	1
15	256QAM	36	20	14.97	15.08	14.88	14.89		
15	256QAM	36	39	14.98	14.99	14.90	14.99		
15	256QAM	75	0	14.98	14.97	14.95	14.85		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.06	16.03	16.01	15.99	17.2	0
10	QPSK	1	25	15.98	16.07	16.02	15.91		
10	QPSK	1	49	15.93	15.98	15.92	15.87		
10	QPSK	25	0	15.94	15.96	16.06	16.02	17.2	0
10	QPSK	25	12	15.92	15.98	15.95	15.90		
10	QPSK	25	25	15.99	15.99	15.88	15.90		
10	QPSK	50	0	15.91	16.03	15.92	15.88		
10	16QAM	1	0	16.08	16.01	15.94	15.94	17.2	0
10	16QAM	1	25	16.04	15.90	15.86	15.91		
10	16QAM	1	49	15.96	16.10	15.95	15.87		
10	16QAM	25	0	16.03	16.03	15.91	15.91	17.2	0
10	16QAM	25	12	16.07	16.11	15.98	15.90		
10	16QAM	25	25	15.95	15.92	15.96	15.82		
10	16QAM	50	0	16.01	15.98	15.91	15.97		
10	64QAM	1	0	16.08	16.06	15.97	15.88	17.2	0
10	64QAM	1	25	16.00	15.95	15.93	15.94		
10	64QAM	1	49	16.06	16.01	15.93	15.89		
10	64QAM	25	0	16.04	16.06	15.98	15.87	17.2	0
10	64QAM	25	12	16.01	16.03	15.90	15.87		
10	64QAM	25	25	15.99	16.07	15.96	16.00		
10	64QAM	50	0	15.97	16.01	15.92	15.98		
10	256QAM	1	0	15.02	15.01	14.89	14.83	16.2	1
10	256QAM	1	25	14.96	15.00	14.92	14.96		
10	256QAM	1	49	15.00	15.07	15.00	14.93		
10	256QAM	25	0	15.03	14.96	14.96	14.91	16.2	1
10	256QAM	25	12	14.89	14.96	14.97	14.90		
10	256QAM	25	25	14.97	15.07	14.98	14.96		
10	256QAM	50	0	15.01	15.06	14.93	14.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.08	15.98	15.95	15.97	17.2	0
5	QPSK	1	12	15.90	16.01	15.92	15.83		
5	QPSK	1	24	15.99	16.04	15.93	15.93		
5	QPSK	12	0	15.92	15.94	16.04	15.94	17.2	0
5	QPSK	12	7	15.95	15.94	15.89	15.84		
5	QPSK	12	13	16.01	16.04	15.97	15.95		
5	QPSK	25	0	15.89	16.05	15.97	15.85		
5	16QAM	1	0	16.05	15.91	15.94	15.89	17.2	0
5	16QAM	1	12	16.02	15.99	15.85	15.96		
5	16QAM	1	24	15.96	16.02	15.96	15.94		
5	16QAM	12	0	15.93	15.99	15.89	15.90	17.2	0
5	16QAM	12	7	16.00	16.01	15.96	15.91		
5	16QAM	12	13	15.99	15.98	16.00	15.88		
5	16QAM	25	0	16.00	15.95	15.94	15.94		
5	64QAM	1	0	16.04	16.01	15.97	15.89	17.2	0
5	64QAM	1	12	15.91	15.95	15.96	15.91		
5	64QAM	1	24	16.06	15.92	15.96	15.89		
5	64QAM	12	0	16.01	16.01	15.90	15.83	17.2	0
5	64QAM	12	7	15.98	16.05	15.92	15.86		
5	64QAM	12	13	16.03	16.01	15.96	15.96		
5	64QAM	25	0	15.97	15.99	15.90	15.90		
5	256QAM	1	0	15.01	14.96	14.86	14.86	16.2	1
5	256QAM	1	12	15.01	14.97	14.94	14.97		
5	256QAM	1	24	15.04	15.08	14.90	14.90		
5	256QAM	12	0	14.94	14.98	14.87	14.88	16.2	1
5	256QAM	12	7	14.94	14.98	14.91	14.96		
5	256QAM	12	13	15.03	15.06	14.92	15.01		
5	256QAM	25	0	15.01	15.06	14.96	14.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.79	17.96	17.88	19	0
20	QPSK	1	49	17.76	17.89	17.89		
20	QPSK	1	99	17.79	17.93	17.79		
20	QPSK	50	0	17.78	17.93	17.87	19	0
20	QPSK	50	24	17.80	17.85	17.89		
20	QPSK	50	50	17.86	17.92	17.87		
20	QPSK	100	0	17.84	17.89	17.87		
20	16QAM	1	0	17.78	17.84	17.84	19	0
20	16QAM	1	49	17.80	17.92	17.85		
20	16QAM	1	99	17.80	17.86	17.88		
20	16QAM	50	0	17.78	17.88	17.83	19	0
20	16QAM	50	24	17.84	17.94	17.87		
20	16QAM	50	50	17.82	17.84	17.90		
20	16QAM	100	0	17.82	17.86	17.86		
20	64QAM	1	0	17.77	17.93	17.85	19	0
20	64QAM	1	49	17.87	17.94	17.89		
20	64QAM	1	99	17.83	17.87	17.85		
20	64QAM	50	0	17.77	17.86	17.83	19	0
20	64QAM	50	24	17.87	17.93	17.84		
20	64QAM	50	50	17.76	17.87	17.80		
20	64QAM	100	0	17.85	17.94	17.90		
20	256QAM	1	0	17.77	17.87	17.79	19	0
20	256QAM	1	49	17.82	17.90	17.81		
20	256QAM	1	99	17.80	17.87	17.83		
20	256QAM	50	0	17.82	17.93	17.89	19	0
20	256QAM	50	24	17.79	17.90	17.87		
20	256QAM	50	50	17.86	17.85	17.85		
20	256QAM	100	0	17.78	17.91	17.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.66	17.75	17.84	19	0
15	QPSK	1	37	17.72	17.74	17.77		
15	QPSK	1	74	17.65	17.80	17.64		
15	QPSK	36	0	17.65	17.79	17.77	19	0
15	QPSK	36	20	17.70	17.78	17.75		
15	QPSK	36	39	17.81	17.86	17.79		
15	QPSK	75	0	17.72	17.75	17.74		
15	16QAM	1	0	17.74	17.70	17.69	19	0
15	16QAM	1	37	17.75	17.82	17.80		
15	16QAM	1	74	17.67	17.73	17.77		
15	16QAM	36	0	17.69	17.79	17.75	19	0
15	16QAM	36	20	17.73	17.88	17.74		
15	16QAM	36	39	17.78	17.74	17.82		
15	16QAM	75	0	17.67	17.74	17.72		
15	64QAM	1	0	17.69	17.86	17.70	19	0
15	64QAM	1	37	17.79	17.88	17.75		
15	64QAM	1	74	17.72	17.71	17.70		
15	64QAM	36	0	17.69	17.76	17.67	19	0
15	64QAM	36	20	17.72	17.78	17.69		
15	64QAM	36	39	17.70	17.71	17.71		
15	64QAM	75	0	17.71	17.84	17.74		
15	256QAM	1	0	17.63	17.73	17.67	19	0
15	256QAM	1	37	17.68	17.82	17.72		
15	256QAM	1	74	17.71	17.80	17.71		
15	256QAM	36	0	17.72	17.85	17.77	19	0
15	256QAM	36	20	17.68	17.81	17.73		
15	256QAM	36	39	17.81	17.79	17.79		
15	256QAM	75	0	17.66	17.85	17.69		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.65	17.75	17.80	19	0
10	QPSK	1	25	17.72	17.82	17.80		
10	QPSK	1	49	17.73	17.79	17.69		
10	QPSK	25	0	17.66	17.80	17.71	19	0
10	QPSK	25	12	17.72	17.81	17.75		
10	QPSK	25	25	17.73	17.80	17.76		
10	QPSK	50	0	17.74	17.77	17.73		
10	16QAM	1	0	17.71	17.72	17.77	19	0
10	16QAM	1	25	17.68	17.82	17.71		
10	16QAM	1	49	17.73	17.75	17.74		
10	16QAM	25	0	17.69	17.79	17.70	19	0
10	16QAM	25	12	17.68	17.82	17.74		
10	16QAM	25	25	17.74	17.73	17.84		
10	16QAM	50	0	17.72	17.75	17.76		
10	64QAM	1	0	17.70	17.84	17.74	19	0
10	64QAM	1	25	17.79	17.85	17.82		
10	64QAM	1	49	17.70	17.82	17.73		
10	64QAM	25	0	17.63	17.70	17.75	19	0
10	64QAM	25	12	17.80	17.80	17.72		
10	64QAM	25	25	17.64	17.72	17.69		
10	64QAM	50	0	17.75	17.87	17.78		
10	256QAM	1	0	17.71	17.72	17.65	19	0
10	256QAM	1	25	17.66	17.79	17.74		
10	256QAM	1	49	17.73	17.83	17.68		
10	256QAM	25	0	17.70	17.85	17.83	19	0
10	256QAM	25	12	17.69	17.79	17.82		
10	256QAM	25	25	17.81	17.71	17.80		
10	256QAM	50	0	17.62	17.86	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.71	17.78	17.84	19	0
5	QPSK	1	12	17.65	17.82	17.78		
5	QPSK	1	24	17.64	17.85	17.72		
5	QPSK	12	0	17.67	17.78	17.79	19	0
5	QPSK	12	7	17.73	17.80	17.84		
5	QPSK	12	13	17.77	17.80	17.78		
5	QPSK	25	0	17.70	17.81	17.82		
5	16QAM	1	0	17.66	17.75	17.76	19	0
5	16QAM	1	12	17.71	17.87	17.80		
5	16QAM	1	24	17.73	17.81	17.75		
5	16QAM	12	0	17.64	17.83	17.72	19	0
5	16QAM	12	7	17.73	17.81	17.75		
5	16QAM	12	13	17.70	17.69	17.80		
5	16QAM	25	0	17.75	17.82	17.72		
5	64QAM	1	0	17.69	17.81	17.70	19	0
5	64QAM	1	12	17.79	17.79	17.78		
5	64QAM	1	24	17.75	17.72	17.74		
5	64QAM	12	0	17.67	17.73	17.76	19	0
5	64QAM	12	7	17.73	17.78	17.70		
5	64QAM	12	13	17.71	17.72	17.75		
5	64QAM	25	0	17.79	17.79	17.77		
5	256QAM	1	0	17.64	17.72	17.68	19	0
5	256QAM	1	12	17.78	17.81	17.65		
5	256QAM	1	24	17.72	17.79	17.78		
5	256QAM	12	0	17.72	17.78	17.74	19	0
5	256QAM	12	7	17.74	17.83	17.76		
5	256QAM	12	13	17.77	17.71	17.73		
5	256QAM	25	0	17.71	17.79	17.68		

Band 48 Ant9 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.86	17.95	17.76	17.70	18.9	0
20	QPSK	1	49	17.80	17.84	17.78	17.79		
20	QPSK	1	99	17.86	17.82	17.79	17.77		
20	QPSK	50	0	17.79	17.93	17.73	17.80	18.9	0
20	QPSK	50	24	17.81	17.90	17.76	17.77		
20	QPSK	50	50	17.75	17.80	17.78	17.79		
20	QPSK	100	0	17.86	17.89	17.77	17.74		
20	16QAM	1	0	17.83	17.90	17.78	17.74	18.9	0
20	16QAM	1	49	17.78	17.87	17.83	17.72		
20	16QAM	1	99	17.86	17.90	17.83	17.80		
20	16QAM	50	0	17.85	17.87	17.79	17.73	18.9	0
20	16QAM	50	24	17.79	17.83	17.81	17.73		
20	16QAM	50	50	17.85	17.84	17.80	17.69		
20	16QAM	100	0	17.83	17.79	17.75	17.75		
20	64QAM	1	0	17.82	17.82	17.72	17.80	18.9	0
20	64QAM	1	49	17.81	17.81	17.84	17.79		
20	64QAM	1	99	17.85	17.81	17.81	17.81		
20	64QAM	50	0	17.84	17.85	17.72	17.74	18.9	0
20	64QAM	50	24	17.76	17.87	17.82	17.70		
20	64QAM	50	50	17.82	17.85	17.78	17.72		
20	64QAM	100	0	17.80	17.83	17.78	17.79		
20	256QAM	1	0	17.78	17.81	17.76	17.72	18.9	0
20	256QAM	1	49	17.83	17.86	17.72	17.73		
20	256QAM	1	99	17.81	17.90	17.76	17.70		
20	256QAM	50	0	17.84	17.87	17.74	17.69	18.9	0
20	256QAM	50	24	17.76	17.91	17.76	17.72		
20	256QAM	50	50	17.85	17.84	17.78	17.79		
20	256QAM	100	0	17.80	17.82	17.75	17.73		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.77	17.71	17.64	17.54	18.9	0
15	QPSK	1	37	17.66	17.72	17.67	17.71		
15	QPSK	1	74	17.82	17.76	17.69	17.67		
15	QPSK	36	0	17.64	17.66	17.60	17.69	18.9	0
15	QPSK	36	20	17.74	17.79	17.63	17.66		
15	QPSK	36	39	17.59	17.70	17.64	17.73		
15	QPSK	75	0	17.79	17.84	17.69	17.65		
15	16QAM	1	0	17.75	17.76	17.63	17.60	18.9	0
15	16QAM	1	37	17.73	17.78	17.78	17.64		
15	16QAM	1	74	17.76	17.76	17.74	17.71		
15	16QAM	36	0	17.72	17.77	17.71	17.66	18.9	0
15	16QAM	36	20	17.73	17.70	17.68	17.63		
15	16QAM	36	39	17.77	17.75	17.70	17.65		
15	16QAM	75	0	17.68	17.70	17.61	17.64		
15	64QAM	1	0	17.78	17.72	17.63	17.74	18.9	0
15	64QAM	1	37	17.68	17.72	17.76	17.74		
15	64QAM	1	74	17.78	17.72	17.72	17.67		
15	64QAM	36	0	17.76	17.76	17.63	17.62	18.9	0
15	64QAM	36	20	17.70	17.82	17.68	17.58		
15	64QAM	36	39	17.70	17.71	17.62	17.63		
15	64QAM	75	0	17.66	17.75	17.70	17.75		
15	256QAM	1	0	17.62	17.71	17.67	17.60	18.9	0
15	256QAM	1	37	17.67	17.76	17.59	17.68		
15	256QAM	1	74	17.74	17.75	17.70	17.62		
15	256QAM	36	0	17.73	17.77	17.66	17.61	18.9	0
15	256QAM	36	20	17.65	17.86	17.64	17.60		
15	256QAM	36	39	17.73	17.79	17.72	17.66		
15	256QAM	75	0	17.75	17.69	17.66	17.63		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.79	17.71	17.70	17.63	18.9	0
10	QPSK	1	25	17.75	17.74	17.69	17.74		
10	QPSK	1	49	17.76	17.74	17.74	17.66		
10	QPSK	25	0	17.67	17.69	17.65	17.74	18.9	0
10	QPSK	25	12	17.70	17.82	17.61	17.62		
10	QPSK	25	25	17.62	17.65	17.68	17.68		
10	QPSK	50	0	17.74	17.80	17.69	17.68		
10	16QAM	1	0	17.71	17.74	17.72	17.63	18.9	0
10	16QAM	1	25	17.70	17.77	17.74	17.58		
10	16QAM	1	49	17.70	17.80	17.72	17.70		
10	16QAM	25	0	17.76	17.80	17.68	17.67	18.9	0
10	16QAM	25	12	17.66	17.75	17.67	17.63		
10	16QAM	25	25	17.76	17.71	17.67	17.62		
10	16QAM	50	0	17.68	17.69	17.70	17.59		
10	64QAM	1	0	17.66	17.68	17.65	17.69	18.9	0
10	64QAM	1	25	17.68	17.71	17.77	17.72		
10	64QAM	1	49	17.79	17.69	17.65	17.70		
10	64QAM	25	0	17.74	17.72	17.64	17.60	18.9	0
10	64QAM	25	12	17.61	17.76	17.68	17.58		
10	64QAM	25	25	17.69	17.73	17.64	17.64		
10	64QAM	50	0	17.68	17.79	17.71	17.73		
10	256QAM	1	0	17.67	17.69	17.60	17.56	18.9	0
10	256QAM	1	25	17.75	17.71	17.67	17.62		
10	256QAM	1	49	17.71	17.83	17.70	17.63		
10	256QAM	25	0	17.73	17.75	17.65	17.64	18.9	0
10	256QAM	25	12	17.71	17.76	17.66	17.64		
10	256QAM	25	25	17.74	17.73	17.64	17.64		
10	256QAM	50	0	17.71	17.74	17.71	17.59		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.74	17.70	17.64	17.58	18.9	0
5	QPSK	1	12	17.70	17.77	17.72	17.65		
5	QPSK	1	24	17.72	17.73	17.64	17.64		
5	QPSK	12	0	17.74	17.66	17.58	17.73	18.9	0
5	QPSK	12	7	17.69	17.81	17.70	17.61		
5	QPSK	12	13	17.66	17.76	17.69	17.70		
5	QPSK	25	0	17.79	17.75	17.65	17.69		
5	16QAM	1	0	17.69	17.85	17.69	17.69	18.9	0
5	16QAM	1	12	17.64	17.73	17.79	17.60		
5	16QAM	1	24	17.71	17.81	17.70	17.74		
5	16QAM	12	0	17.80	17.83	17.71	17.58	18.9	0
5	16QAM	12	7	17.66	17.73	17.68	17.67		
5	16QAM	12	13	17.78	17.76	17.73	17.57		
5	16QAM	25	0	17.75	17.71	17.71	17.63		
5	64QAM	1	0	17.71	17.77	17.58	17.71	18.9	0
5	64QAM	1	12	17.73	17.73	17.78	17.68		
5	64QAM	1	24	17.76	17.76	17.75	17.70		
5	64QAM	12	0	17.75	17.72	17.67	17.60	18.9	0
5	64QAM	12	7	17.61	17.71	17.74	17.65		
5	64QAM	12	13	17.74	17.71	17.65	17.63		
5	64QAM	25	0	17.72	17.69	17.65	17.63		
5	256QAM	1	0	17.63	17.67	17.69	17.64	18.9	0
5	256QAM	1	12	17.71	17.76	17.59	17.67		
5	256QAM	1	24	17.67	17.81	17.62	17.62		
5	256QAM	12	0	17.69	17.80	17.63	17.59	18.9	0
5	256QAM	12	7	17.72	17.83	17.70	17.64		
5	256QAM	12	13	17.72	17.78	17.62	17.64		
5	256QAM	25	0	17.65	17.76	17.69	17.60		

Full&Default Power Mode

FR1 n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.29	25.29	25.16	25.7	0.0
20	PI/2 BPSK	1	53	25.28	25.27	25.26		
20	PI/2 BPSK	1	104	25.13	25.15	25.07		
20	PI/2 BPSK	50	0	24.41	24.82	24.54	25.2	0.5
20	PI/2 BPSK	50	28	25.31	25.26	25.07	25.7	0.0
20	PI/2 BPSK	50	56	24.59	24.69	24.77	25.2	0.5
20	PI/2 BPSK	100	0	24.50	24.45	24.71		
20	QPSK	1	1	25.30	25.37	25.28	25.7	0.0
20	QPSK	1	53	25.17	25.33	25.07		
20	QPSK	1	104	25.18	25.01	24.96		
20	QPSK	50	0	24.00	24.17	23.91	24.7	1.0
20	QPSK	50	28	24.90	25.35	24.88	25.7	0.0
20	QPSK	50	56	23.99	24.11	24.06	24.7	1.0
20	QPSK	100	0	24.27	24.31	24.14		
20	16QAM	1	1	24.14	24.11	24.00	24.7	1.0
20	64QAM	1	1	22.44	22.68	22.82	23.2	2.5
20	256QAM	1	1	20.46	20.45	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.34	25.21	25.16	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.30	25.29	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.15	25.14	25.34	25.7	0.0

FR1 n12 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.41	24.57	24.51	25.5	0.0
15	PI/2 BPSK	1	40	24.38	24.54	24.37		
15	PI/2 BPSK	1	77	24.29	24.46	24.25		
15	PI/2 BPSK	36	0	23.94	24.05	23.86	25.0	0.5
15	PI/2 BPSK	36	22	24.45	24.44	24.23	25.5	0.0
15	PI/2 BPSK	36	43	23.81	24.02	23.91	25.0	0.5
15	PI/2 BPSK	75	0	24.02	24.04	24.02		
15	QPSK	1	1	24.43	24.63	24.53	25.5	0.0
15	QPSK	1	40	24.45	24.54	24.55		
15	QPSK	1	77	24.54	24.59	24.52		
15	QPSK	36	0	23.52	23.52	23.41	24.5	1.0
15	QPSK	36	22	24.57	24.57	24.48	25.5	0.0
15	QPSK	36	43	23.34	23.53	23.53	24.5	1.0
15	QPSK	75	0	23.47	23.56	23.44		
15	16QAM	1	1	23.69	23.67	23.65	24.5	1.0
15	64QAM	1	1	22.02	22.23	22.05	23.0	2.5
15	256QAM	1	1	19.97	20.09	20.07	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.62	24.51	24.56	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.52	24.58	24.57	25.5	0.0

FR1 n26 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.20	25.18	25.03	25.7	0.0
20	PI/2 BPSK	1	53	25.15	25.23	25.25		
20	PI/2 BPSK	1	104	25.01	25.15	25.19		
20	PI/2 BPSK	50	0	24.56	24.67	24.55	25.2	0.5
20	PI/2 BPSK	50	28	25.20	25.13	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.54	24.67	24.78	25.2	0.5
20	PI/2 BPSK	100	0	24.47	24.59	24.73		
20	QPSK	1	1	25.19	25.26	25.22	25.7	0.0
20	QPSK	1	53	25.18	25.24	25.14		
20	QPSK	1	104	25.13	24.99	25.04		
20	QPSK	50	0	23.94	24.04	24.04	24.7	1.0
20	QPSK	50	28	25.03	25.21	25.02	25.7	0.0
20	QPSK	50	56	24.06	24.15	24.05	24.7	1.0
20	QPSK	100	0	24.16	24.22	24.17		
20	16QAM	1	1	24.03	24.12	24.06	24.7	1.0
20	64QAM	1	1	22.58	22.67	22.79	23.2	2.5
20	256QAM	1	1	20.47	20.57	20.67	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.18	25.18	25.15	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.18	25.21	25.14	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.06	25.16	25.21	25.7	0.0

FR1 n5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.62	24.73	24.58	25.5	0.0
20	PI/2 BPSK	1	53	24.61	24.65	24.55		
20	PI/2 BPSK	1	104	24.67	24.78	24.73		
20	PI/2 BPSK	50	0	24.04	24.03	23.93	25.0	0.5
20	PI/2 BPSK	50	28	24.69	24.68	24.54	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.12	24.05	25.0	0.5
20	PI/2 BPSK	100	0	23.95	24.10	24.09		
20	QPSK	1	1	24.75	24.81	24.78	25.5	0.0
20	QPSK	1	53	24.59	24.69	24.56		
20	QPSK	1	104	24.64	24.64	24.61		
20	QPSK	50	0	23.78	23.58	23.36	24.5	1.0
20	QPSK	50	28	24.72	24.74	24.53	25.5	0.0
20	QPSK	50	56	23.66	23.55	23.40	24.5	1.0
20	QPSK	100	0	23.71	23.77	23.55		
20	16QAM	1	1	23.78	23.75	23.58	24.5	1.0
20	64QAM	1	1	22.31	22.10	21.95	23.0	2.5
20	256QAM	1	1	20.16	20.11	20.25	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.47	24.73	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.60	24.71	24.65	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.58	24.54	24.56	25.5	0.0

FR1 n12 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.15	24.31	24.24	25.0	0.0
15	PI/2 BPSK	1	40	24.31	24.27	24.23		
15	PI/2 BPSK	1	77	24.26	24.34	24.17		
15	PI/2 BPSK	36	0	23.80	23.72	23.76	24.5	0.5
15	PI/2 BPSK	36	22	24.30	24.32	24.20	25.0	0.0
15	PI/2 BPSK	36	43	23.82	23.64	23.62	24.5	0.5
15	PI/2 BPSK	75	0	23.92	23.57	23.53		
15	QPSK	1	1	24.30	24.38	24.34	25.0	0.0
15	QPSK	1	40	24.24	24.15	24.33		
15	QPSK	1	77	24.20	24.36	24.35		
15	QPSK	36	0	23.07	23.27	23.37	24.0	1.0
15	QPSK	36	22	24.31	24.37	24.31	25.0	0.0
15	QPSK	36	43	23.31	23.16	23.14	24.0	1.0
15	QPSK	75	0	23.12	23.29	23.20		
15	16QAM	1	1	23.28	23.48	23.39	24.0	1.0
15	64QAM	1	1	21.97	21.92	21.97	22.5	2.5
	256QAM	1	1	20.07	20.21	20.07	20.5	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.16	24.21	24.13	25.0	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.15	24.27	24.24	25.0	0.0

FR1 n26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.78	24.85	24.73	25.5	0.0
20	PI/2 BPSK	1	53	24.74	24.74	24.68		
20	PI/2 BPSK	1	104	24.59	24.63	24.80		
20	PI/2 BPSK	50	0	24.00	24.01	23.89	25.0	0.5
20	PI/2 BPSK	50	28	24.59	24.64	24.50	25.5	0.0
20	PI/2 BPSK	50	56	23.89	24.14	24.21	25.0	0.5
20	PI/2 BPSK	100	0	24.15	24.25	24.20		
20	QPSK	1	1	24.81	24.86	24.78	25.5	0.0
20	QPSK	1	53	24.76	24.82	24.59		
20	QPSK	1	104	24.65	24.60	24.62		
20	QPSK	50	0	23.70	23.54	23.38	24.5	1.0
20	QPSK	50	28	24.60	24.79	24.47	25.5	0.0
20	QPSK	50	56	23.60	23.65	23.40	24.5	1.0
20	QPSK	100	0	23.71	23.72	23.53		
20	16QAM	1	1	23.55	23.68	23.69	24.5	1.0
20	64QAM	1	1	22.24	22.24	21.91	23.0	2.5
20	256QAM	1	1	20.11	20.18	20.14	21.0	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.63	24.77	24.62	25.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.70	24.83	24.69	25.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.82	24.78	24.78	25.5	0.0

FR1 n7 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.21	24.29	24.30	25.0	0.0
50	PI/2 BPSK	1	135	23.91	23.93	23.88		
50	PI/2 BPSK	1	268	24.06	24.07	24.01		
50	PI/2 BPSK	135	0	23.54	23.64	23.56	24.5	0.5
50	PI/2 BPSK	135	68	23.98	24.11	23.80	25.0	0.0
50	PI/2 BPSK	135	135	23.12	23.40	23.15	24.5	0.5
50	PI/2 BPSK	270	0	23.50	23.66	23.53		
50	QPSK	1	1	24.24	24.37	24.31	25.0	0.0
50	QPSK	1	135	24.08	24.29	24.24		
50	QPSK	1	268	24.03	24.35	24.13		
50	QPSK	135	0	23.05	23.18	23.14	24.0	1.0
50	QPSK	135	68	24.08	24.14	24.09	25.0	0.0
50	QPSK	135	135	22.64	22.81	22.76	24.0	1.0
50	QPSK	270	0	22.95	23.07	23.02		
50	16QAM	1	1	23.00	23.18	23.06	24.0	1.0
50	64QAM	1	1	21.38	21.59	21.51	22.5	2.5
50	256QAM	1	1	19.60	19.70	19.81	20.5	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.11	24.17	24.23	25.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.17	24.36	24.13	25.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.15	24.22	24.28	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.23	24.31	24.30	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.22	24.30	24.23	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.29	24.31	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.15	24.24	24.29	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.19	24.16	24.30	25.0	0.0

FR1 n66 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.87	24.03	23.93	25.0	0.0
45	PI/2 BPSK	1	120	23.84	23.92	23.80		
45	PI/2 BPSK	1	240	23.90	24.06	23.85		
45	PI/2 BPSK	120	0	23.33	23.54	23.44	24.5	0.5
45	PI/2 BPSK	120	60	23.86	23.91	23.70	25.0	0.0
45	PI/2 BPSK	120	120	23.01	23.19	23.08	24.5	0.5
45	PI/2 BPSK	240	0	23.29	23.45	23.30		
45	QPSK	1	1	24.14	24.19	24.18	25.0	0.0
45	QPSK	1	120	23.97	24.16	24.15		
45	QPSK	1	240	23.98	24.14	23.98		
45	QPSK	120	0	22.84	23.03	22.96	24.0	1.0
45	QPSK	120	60	23.86	23.93	23.86	25.0	0.0
45	QPSK	120	120	22.60	22.71	22.57	24.0	1.0
45	QPSK	240	0	22.76	22.97	22.89		
45	16QAM	1	1	22.80	22.95	22.95	24.0	1.0
45	64QAM	1	1	21.35	21.43	21.30	22.5	2.5
45	256QAM	1	1	19.51	19.60	19.59	20.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.00	23.99	24.04	25.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.97	24.10	24.01	25.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.09	24.13	24.18	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.98	24.10	24.16	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.02	24.00	24.11	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.13	24.05	24.17	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.99	24.12	24.12	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.95	24.04	24.17	25.0	0.0

FR1 n38 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	23.89	23.97	23.88	25.0	0.0
40	PI/2 BPSK	1	53	23.64	23.71	23.63		
40	PI/2 BPSK	1	104	23.46	23.66	23.54		
40	PI/2 BPSK	50	0	22.90	23.11	22.96	24.5	0.5
40	PI/2 BPSK	50	28	23.18	23.18	23.16	25.0	0.0
40	PI/2 BPSK	50	56	23.02	23.18	23.15	24.5	0.5
40	PI/2 BPSK	100	0	23.31	23.36	23.38		
40	QPSK	1	1	23.95	24.02	23.94	25.0	0.0
40	QPSK	1	53	23.67	23.76	23.74		
40	QPSK	1	104	23.54	23.69	23.60		
40	QPSK	50	0	23.09	23.20	23.15	25.0	0.0
40	QPSK	50	28	23.67	23.70	23.53		
40	QPSK	50	56	23.04	23.25	23.32		
40	QPSK	100	0	22.64	22.75	22.72	24.0	1.0
40	16QAM	1	1	22.72	22.94	22.77	24.0	1.0
40	64QAM	1	1	21.42	21.41	21.32	22.5	2.5
40	256QAM	1	1	19.14	19.32	19.26	20.5	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	23.83	23.87	23.84	25.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.92	23.91	23.95	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.83	23.93	23.88	25.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	23.80	23.84	23.85	25.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	23.96	23.82	23.75	25.0	0.0

FR1 n41 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.08	24.17	24.15	25.0	0.0
100	PI/2 BPSK	1	137	24.06	24.16	24.19		
100	PI/2 BPSK	1	271	24.07	24.17	24.18		
100	PI/2 BPSK	135	0	23.63	23.86	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.12	24.17	24.18	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.82	23.71	24.5	0.5
100	PI/2 BPSK	270	0	23.73	23.79	23.79		
100	QPSK	1	1	24.17	24.32	24.25	25.0	0.0
100	QPSK	1	137	24.08	24.21	24.12		
100	QPSK	1	271	24.08	24.18	24.10		
100	QPSK	135	0	24.11	24.27	24.16	25.0	0.0
100	QPSK	135	69	24.03	24.28	24.13		
100	QPSK	135	138	24.12	24.26	24.10		
100	QPSK	270	0	23.22	23.35	23.31	24.0	1.0
100	16QAM	1	1	23.15	23.33	23.27	24.0	1.0
100	64QAM	1	1	21.67	21.87	21.71	22.5	2.5
100	256QAM	1	1	19.72	19.87	19.77	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.09	24.22	24.17	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.08	24.26	24.20	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.02	24.20	24.19	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.03	24.25	24.20	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.03	24.23	24.11	25.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.06	24.22	24.15	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.02	24.20	24.16	25.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.05	24.19	24.19	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.20	24.15	25.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.09	24.27	24.17	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.05	24.24	24.14	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.02	24.23	24.14	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.12	24.19	24.16	25.0	0.0

FR1 n2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	24.17	24.07	24.20	25.0	0.0
40	PI/2 BPSK	1	108	24.24	24.15	24.27		
40	PI/2 BPSK	1	214	24.32	24.44	24.26		
40	PI/2 BPSK	108	0	23.65	23.63	23.65	24.5	0.5
40	PI/2 BPSK	108	54	24.39	24.36	24.33	25.0	0.0
40	PI/2 BPSK	108	108	23.71	23.85	23.75	24.5	0.5
40	PI/2 BPSK	216	0	23.76	23.70	23.85		
40	QPSK	1	1	24.41	24.45	24.40	25.0	0.0
40	QPSK	1	108	24.19	24.18	24.19		
40	QPSK	1	214	24.23	24.20	24.31		
40	QPSK	108	0	23.21	23.18	23.28	24.0	1.0
40	QPSK	108	54	24.27	24.28	24.21	25.0	0.0
40	QPSK	108	108	23.37	23.24	23.26	24.0	1.0
40	QPSK	216	0	23.39	23.45	23.42		
40	16QAM	1	1	23.13	23.02	23.06	24.0	1.0
40	64QAM	1	1	21.63	21.69	21.64	22.5	2.5
40	256QAM	1	1	19.50	19.59	19.62	20.5	4.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	24.02	23.98	23.91	25.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.97	24.02	23.93	25.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	24.05	24.01	24.03	25.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.17	24.10	24.03	25.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.15	24.14	23.97	25.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.03	24.11	24.02	25.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.11	24.12	23.99	25.0	0.0

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FR1 n7 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	25.43	25.34	25.32	25.7	0.0
50	PI/2 BPSK	1	135	24.90	24.94	24.90		
50	PI/2 BPSK	1	268	25.31	25.35	25.35		
50	PI/2 BPSK	135	0	24.79	24.86	24.97	25.2	0.5
50	PI/2 BPSK	135	68	25.03	24.94	24.94	25.7	0.0
50	PI/2 BPSK	135	135	24.51	24.49	24.61	25.2	0.5
50	PI/2 BPSK	270	0	24.83	24.72	24.90		
50	QPSK	1	1	25.48	25.50	25.49	25.7	0.0
50	QPSK	1	135	24.41	24.26	24.26		
50	QPSK	1	268	24.56	24.45	24.54		
50	QPSK	135	0	23.75	23.61	23.58	24.7	1.0
50	QPSK	135	68	24.35	24.43	24.34	25.7	0.0
50	QPSK	135	135	23.45	23.60	23.53	24.7	1.0
50	QPSK	270	0	23.50	23.51	23.50		
50	16QAM	1	1	24.27	24.11	24.28	24.7	1.0
50	64QAM	1	1	22.71	22.72	22.64	23.2	2.5
50	256QAM	1	1	20.95	20.84	20.96	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.34	25.36	25.27	25.7	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.38	25.46	25.27	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.48	25.48	25.38	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.41	25.33	25.44	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.46	25.41	25.39	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.33	25.41	25.48	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.44	25.32	25.29	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.39	25.44	25.33	25.7	0.0

FR1 n25 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.10	24.30	24.26	25.0	0.0
40	PI/2 BPSK	1	108	24.17	24.25	24.25		
40	PI/2 BPSK	1	214	24.16	24.35	24.15		
40	PI/2 BPSK	108	0	23.80	23.94	23.84	24.5	0.5
40	PI/2 BPSK	108	54	24.27	24.34	24.16	25.0	0.0
40	PI/2 BPSK	108	108	23.76	23.76	23.67	24.5	0.5
40	PI/2 BPSK	216	0	24.01	24.02	24.00		
40	QPSK	1	1	24.39	24.45	24.25	25.0	0.0
40	QPSK	1	108	24.13	24.33	24.22		
40	QPSK	1	214	24.40	24.44	24.44		
40	QPSK	108	0	23.31	23.40	23.31	24.0	1.0
40	QPSK	108	54	24.33	24.42	24.33	25.0	0.0
40	QPSK	108	108	23.20	23.28	23.27	24.0	1.0
40	QPSK	216	0	23.35	23.43	23.33		
40	16QAM	1	1	23.28	23.27	23.21	24.0	1.0
40	64QAM	1	1	21.69	21.76	21.55	22.5	2.5
40	256QAM	1	1	19.43	19.59	19.38	20.5	4.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	24.34	24.37	24.25	25.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.18	24.24	24.07	25.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.31	24.39	24.09	25.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.32	24.29	24.27	25.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.27	24.44	24.13	25.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.17	24.39	24.24	25.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.30	24.40	24.18	25.0	0.0

FR1 n66 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.44	24.27	24.32	25.0	0.0
45	PI/2 BPSK	1	120	24.20	24.23	24.27		
45	PI/2 BPSK	1	240	24.21	24.19	24.33		
45	PI/2 BPSK	120	0	23.61	23.66	23.77	24.5	0.5
45	PI/2 BPSK	120	60	24.06	24.12	24.15	25.0	0.0
45	PI/2 BPSK	120	120	23.53	23.50	23.61	24.5	0.5
45	PI/2 BPSK	240	0	23.78	23.60	23.78		
45	QPSK	1	1	24.48	24.51	24.49	25.0	0.0
45	QPSK	1	120	24.23	24.27	24.34		
45	QPSK	1	240	24.29	24.15	24.25		
45	QPSK	120	0	23.21	23.39	23.36	24.0	1.0
45	QPSK	120	60	24.12	24.13	24.01	25.0	0.0
45	QPSK	120	120	23.09	22.92	23.11	24.0	1.0
45	QPSK	240	0	23.11	23.25	23.24		
45	16QAM	1	1	23.29	23.44	23.52	24.0	1.0
45	64QAM	1	1	21.59	21.63	21.77	22.5	2.5
45	256QAM	1	1	19.87	19.79	19.97	20.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.47	24.31	24.48	25.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.44	24.39	24.46	25.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.37	24.29	24.40	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.38	24.45	24.46	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.37	24.41	24.37	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.48	24.43	24.44	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.37	24.48	24.41	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.43	24.35	24.37	25.0	0.0

FR1 n38 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	25.06	25.10	25.25	25.7	0.0
40	PI/2 BPSK	1	53	24.89	24.94	24.93		
40	PI/2 BPSK	1	104	24.87	24.93	24.93		
40	PI/2 BPSK	50	0	24.57	24.53	24.67	25.2	0.5
40	PI/2 BPSK	50	28	24.98	25.07	25.08	25.7	0.0
40	PI/2 BPSK	50	56	24.48	24.60	24.49	25.2	0.5
40	PI/2 BPSK	100	0	24.50	24.48	24.53		
40	QPSK	1	1	25.29	25.31	25.30	25.7	0.0
40	QPSK	1	53	24.94	24.88	24.89		
40	QPSK	1	104	25.01	24.87	24.86		
40	QPSK	50	0	24.11	23.98	24.22	25.7	0.0
40	QPSK	50	28	25.00	25.04	25.02		
40	QPSK	50	56	24.12	24.09	24.00		
40	QPSK	100	0	24.07	24.16	23.99	24.7	1.0
40	16QAM	1	1	24.09	24.06	24.13	24.7	1.0
40	64QAM	1	1	22.45	22.49	22.59	23.2	2.5
40	256QAM	1	1	20.43	20.57	20.49	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	25.12	25.30	25.12	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.27	25.29	25.13	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.25	25.10	25.12	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	25.29	25.27	25.19	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.12	25.26	25.18	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.14	25.33	25.17	25.7	0.0
100	PI/2 BPSK	1	137	25.24	25.36	25.23		
100	PI/2 BPSK	1	271	25.13	25.36	25.22		
100	PI/2 BPSK	135	0	24.81	24.90	24.85	25.2	0.5
100	PI/2 BPSK	135	69	25.13	25.33	25.21	25.7	0.0
100	PI/2 BPSK	135	138	24.73	24.90	24.85	25.2	0.5
100	PI/2 BPSK	270	0	24.77	24.90	24.88		
100	QPSK	1	1	25.28	25.41	25.33	25.7	0.0
100	QPSK	1	137	25.17	25.34	25.21		
100	QPSK	1	271	25.19	25.34	25.26		
100	QPSK	135	0	25.19	25.36	25.18	25.7	0.0
100	QPSK	135	69	25.20	25.37	25.26		
100	QPSK	135	138	25.22	25.34	25.29		
100	QPSK	270	0	24.32	24.43	24.28	24.7	1.0
100	16QAM	1	1	24.31	24.44	24.34	24.7	1.0
100	64QAM	1	1	22.74	22.91	22.88	23.2	2.5
100	256QAM	1	1	20.79	20.94	20.77	21.2	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.26	25.28	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.18	25.29	25.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.21	25.32	25.19	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.21	25.30	25.19	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.14	25.36	25.22	25.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.22	25.30	25.31	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.19	25.37	25.25	25.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.20	25.33	25.22	25.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.14	25.27	25.17	25.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.16	25.35	25.23	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.18	25.28	25.21	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.16	25.35	25.20	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.23	25.28	25.20	25.7	0.0

PC2 FR1 n41 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.13	26.33	26.12	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.35	26.24		
100	PI/2 BPSK	1	271	26.17	26.38	26.20		
100	PI/2 BPSK	135	0	25.82	25.94	25.86	26.5	0.5
100	PI/2 BPSK	135	69	26.12	26.32	26.23	27.0	0.0
100	PI/2 BPSK	135	138	25.73	25.87	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.79	25.84	25.85		
100	QPSK	1	1	26.33	26.44	26.36	27.0	0.0
100	QPSK	1	137	26.20	26.37	26.22		
100	QPSK	1	271	26.23	26.28	26.21		
100	QPSK	135	0	26.14	26.31	26.22	27.0	0.0
100	QPSK	135	69	26.20	26.37	26.29		
100	QPSK	135	138	26.25	26.29	26.30		
100	QPSK	270	0	25.37	25.41	25.31	26.0	1.0
100	16QAM	1	1	25.33	25.41	25.40	26.0	1.0
100	64QAM	1	1	23.69	23.85	23.82	24.5	2.5
100	256QAM	1	1	21.83	21.99	21.82	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.28	26.32	26.27	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.22	26.34	26.21	27.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.28	26.32	26.31	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.18	26.34	26.28	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.24	26.33	26.26	27.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.24	26.35	26.24	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.19	26.30	26.27	27.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.23	26.33	26.34	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.29	26.30	26.23	27.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.19	26.38	26.25	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.18	26.40	26.24	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.26	26.37	26.26	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.24	26.33	26.31	27.0	0.0

FR1 n48 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.43	23.59	23.54	24.5	0.0
40	PI/2 BPSK	1	53	23.52	23.54	23.50		
40	PI/2 BPSK	1	104	23.46	23.50	23.46		
40	PI/2 BPSK	50	0	23.10	23.17	23.03	24.0	0.5
40	PI/2 BPSK	50	28	23.47	23.64	23.61	24.5	0.0
40	PI/2 BPSK	50	56	22.95	23.11	23.10	24.0	0.5
40	PI/2 BPSK	100	0	23.13	23.12	23.11		
40	QPSK	1	1	23.61	23.65	23.63	24.5	0.0
40	QPSK	1	53	23.60	23.62	23.49		
40	QPSK	1	104	23.42	23.47	23.49		
40	QPSK	50	0	22.52	22.65	22.65	24.5	0.0
40	QPSK	50	28	23.47	23.56	23.48		
40	QPSK	50	56	22.58	22.58	22.50		
40	QPSK	100	0	22.48	22.55	22.50	23.5	1.0
40	16QAM	1	1	22.41	22.57	22.45	23.5	1.0
40	64QAM	1	1	20.95	21.05	21.06	22.0	2.5
40	256QAM	1	1	19.11	19.11	18.90	20.0	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.62	23.56	23.47	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.62	23.56	23.42	24.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.58	23.51	23.54	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.57	23.45	23.43	24.5	0.0

PC3 FR1 n77 PartO Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.26	25.22	25.17	25.7	0.0
100	PI/2 BPSK	1	137	24.96	24.98	25.03		
100	PI/2 BPSK	1	271	25.19	25.28	25.18		
100	PI/2 BPSK	135	0	25.25	25.17	25.15	25.7	0.0
100	PI/2 BPSK	135	69	25.23	25.23	25.21	25.7	0.0
100	PI/2 BPSK	135	138	25.15	25.21	25.02	25.7	0.0
100	PI/2 BPSK	270	0	25.17	25.18	25.19		
100	QPSK	1	1	25.24	25.29	25.17	25.7	0.0
100	QPSK	1	137	24.99	25.11	25.16		
100	QPSK	1	271	25.19	25.14	25.10		
100	QPSK	135	0	25.23	25.21	25.17	25.7	0.0
100	QPSK	135	69	25.18	25.24	25.15		
100	QPSK	135	138	25.16	25.16	25.03		
100	QPSK	270	0	25.19	25.27	25.25	25.7	0.0
100	16QAM	1	1	24.94	24.93	25.03	25.7	0.0
100	64QAM	1	1	25.15	25.07	25.02	25.7	0.0
100	256QAM	1	1	23.72	23.58	23.73	24.2	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.12	25.27	25.18	25.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.24	25.12	25.15	25.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.08	25.09	25.07	25.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.08	25.12	25.02	25.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.10	25.10	25.21	25.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.20	25.17	25.01	25.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	25.12	25.22	25.04	25.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	25.21	25.18	25.16	25.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.17	25.21	24.99	25.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.22	25.23	25.12	25.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.16	25.18	25.16	25.7	0.0

PC2 FR1 n77 PartO Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	28.18	28.12	28.20	29.0	0.0
100	PI/2 BPSK	1	137	28.06	28.16	28.09		
100	PI/2 BPSK	1	271	28.02	27.98	28.10		
100	PI/2 BPSK	135	0	27.79	27.89	27.89	28.5	0.5
100	PI/2 BPSK	135	69	28.05	28.07	28.24	29.0	0.0
100	PI/2 BPSK	135	138	27.59	27.79	27.62	28.5	0.5
100	PI/2 BPSK	270	0	27.74	27.74	27.83		
100	QPSK	1	1	28.14	28.27	28.23	29.0	0.0
100	QPSK	1	137	28.06	27.98	28.06		
100	QPSK	1	271	28.24	28.25	28.19		
100	QPSK	135	0	27.24	27.24	27.38	29.0	0.0
100	QPSK	135	69	28.05	28.18	28.07		
100	QPSK	135	138	27.21	27.21	27.25		
100	QPSK	270	0	27.28	27.31	27.30	28.0	1.0
100	16QAM	1	1	27.05	27.03	27.08	28.0	1.0
100	64QAM	1	1	25.45	25.64	25.44	26.5	2.5
100	256QAM	1	1	23.24	23.28	23.24	24.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	28.04	28.18	28.09	29.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	28.06	28.17	28.19	29.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	28.08	28.05	28.18	29.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	27.97	28.14	28.06	29.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	27.93	28.14	28.02	29.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	28.09	28.12	28.01	29.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	28.15	28.19	28.03	29.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	28.13	28.08	28.02	29.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	28.08	28.14	28.03	29.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	28.10	28.23	28.11	29.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	28.13	28.09	28.11	29.0	0.0

PC3 FR1 n77 PartQ Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.52		25.7	0.0
100	PI/2 BPSK	1	137		25.30			
100	PI/2 BPSK	1	271		25.22			
100	PI/2 BPSK	135	0		25.31		25.7	0.0
100	PI/2 BPSK	135	69		25.16		25.7	0.0
100	PI/2 BPSK	135	138		25.13		25.7	0.0
100	PI/2 BPSK	270	0		25.25			
100	QPSK	1	1		25.57		25.7	0.0
100	QPSK	1	137		25.24			
100	QPSK	1	271		25.22			
100	QPSK	135	0		25.32		25.7	0.0
100	QPSK	135	69		25.41			
100	QPSK	135	138		25.17			
100	QPSK	270	0		25.20		25.7	0.0
100	16QAM	1	1		25.45		25.7	0.0
100	64QAM	1	1		25.40		25.7	0.0
100	256QAM	1	1		23.95		24.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.39	25.47	25.41	25.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.37	25.41	25.25	25.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.35	25.47	25.33	25.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.37	25.28	25.34	25.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.21	25.49	25.42	25.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.37	25.43	25.30	25.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.35	25.46	25.19	25.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.21	25.36	25.43	25.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.23	25.39	25.28	25.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.23	25.43	25.29	25.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.24	25.28	25.30	25.7	0.0

PC2 FR1 n77 PartQ Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		28.43		29.0	0.0
100	PI/2 BPSK	1	137		28.32			
100	PI/2 BPSK	1	271		28.13			
100	PI/2 BPSK	135	0		27.81		28.5	0.5
100	PI/2 BPSK	135	69		28.18		29.0	0.0
100	PI/2 BPSK	135	138		27.68		28.5	0.5
100	PI/2 BPSK	270	0		27.76			
100	QPSK	1	1		28.52		29.0	0.0
100	QPSK	1	137		28.20			
100	QPSK	1	271		28.21			
100	QPSK	135	0		27.29		29.0	0.0
100	QPSK	135	69		28.14			
100	QPSK	135	138		27.15			
100	QPSK	270	0		27.25		28.0	1.0
100	16QAM	1	1		27.41		28.0	1.0
100	64QAM	1	1		25.55		26.5	2.5
100	256QAM	1	1		23.43		24.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	28.35	28.33	28.41	29.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	28.15	28.35	28.38	29.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	28.37	28.12	28.34	29.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	28.30	28.21	28.19	29.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	28.14	28.11	28.28	29.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	28.28	28.13	28.24	29.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	28.22	28.16	28.23	29.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	28.14	28.28	28.26	29.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	28.19	28.35	28.20	29.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	28.28	28.14	28.41	29.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	28.17	28.31	28.37	29.0	0.0

PC3 FR1 n78 PartO Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.20		25.7	0.0
100	PI/2 BPSK	1	137		25.12			
100	PI/2 BPSK	1	271		25.19			
100	PI/2 BPSK	135	0		25.23		25.7	0.0
100	PI/2 BPSK	135	69		25.23		25.7	0.0
100	PI/2 BPSK	135	138		25.09		25.7	0.0
100	PI/2 BPSK	270	0		25.05			
100	QPSK	1	1		25.24		25.7	0.0
100	QPSK	1	137		24.99			
100	QPSK	1	271		25.04			
100	QPSK	135	0		25.18		25.7	0.0
100	QPSK	135	69		25.21			
100	QPSK	135	138		25.11			
100	QPSK	270	0		25.06		25.7	0.0
100	16QAM	1	1		25.04		25.7	0.0
100	64QAM	1	1		24.95		25.7	0.0
100	256QAM	1	1		23.60		24.2	1.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.05	25.19	25.21	25.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.05	25.08	25.10	25.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.04	25.14	25.06	25.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.93	25.04	25.07	25.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.84	25.19	25.02	25.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.92	25.15	25.01	25.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	25.05	25.07	25.20	25.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.87	25.04	25.22	25.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.02	25.11	25.18	25.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.02	24.97	25.20	25.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.84	24.99	25.10	25.7	0.0

PC2 FR1 n78 PartO Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		28.05		29.0	0.0
100	PI/2 BPSK	1	137		28.22			
100	PI/2 BPSK	1	271		28.16			
100	PI/2 BPSK	135	0		27.59		28.5	0.5
100	PI/2 BPSK	135	69		28.24		29.0	0.0
100	PI/2 BPSK	135	138		27.67		28.5	0.5
100	PI/2 BPSK	270	0		27.70			
100	QPSK	1	1		28.28		29.0	0.0
100	QPSK	1	137		28.15			
100	QPSK	1	271		28.17			
100	QPSK	135	0		27.05		29.0	0.0
100	QPSK	135	69		28.24			
100	QPSK	135	138		27.30			
100	QPSK	270	0		27.12		28.0	1.0
100	16QAM	1	1		27.11		28.0	1.0
100	64QAM	1	1		25.11		26.5	2.5
100	256QAM	1	1		23.05		24.5	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	28.14	28.11	28.07	29.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	28.13	27.97	27.89	29.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	28.00	27.94	27.91	29.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	28.05	28.01	27.99	29.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	28.12	28.04	28.01	29.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	28.01	28.04	28.09	29.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	28.07	27.95	27.86	29.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	28.08	27.92	27.88	29.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	28.06	28.01	28.05	29.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	28.05	27.98	27.87	29.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.95	28.07	28.01	29.0	0.0

PC3 FR1 n78 PartQ Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.28		25.7	0.0
100	PI/2 BPSK	1	137		25.03			
100	PI/2 BPSK	1	271		25.15			
100	PI/2 BPSK	135	0		25.14		25.7	0.0
100	PI/2 BPSK	135	69		25.01		25.7	0.0
100	PI/2 BPSK	135	138		24.98		25.7	0.0
100	PI/2 BPSK	270	0		25.19			
100	QPSK	1	1		25.41		25.7	0.0
100	QPSK	1	137		25.12			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.22		25.7	0.0
100	QPSK	135	69		25.27			
100	QPSK	135	138		24.97			
100	QPSK	270	0		25.04		25.7	0.0
100	16QAM	1	1		25.35		25.7	0.0
100	64QAM	1	1		25.35		25.7	0.0
100	256QAM	1	1		23.80		24.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.19	25.24	25.39	25.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.17	25.19	25.21	25.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.11	25.07	25.31	25.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.01	25.14	25.22	25.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.14	25.20	25.24	25.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.97	25.18	25.30	25.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.11	25.03	25.22	25.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.98	25.23	25.24	25.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.05	25.22	25.25	25.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.19	25.04	25.28	25.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.20	25.21	25.28	25.7	0.0

PC2 FR1 n78 PartQ Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		28.39		29.0	0.0
100	PI/2 BPSK	1	137		28.30			
100	PI/2 BPSK	1	271		28.17			
100	PI/2 BPSK	135	0		27.70		28.5	0.5
100	PI/2 BPSK	135	69		28.19		29.0	0.0
100	PI/2 BPSK	135	138		27.60		28.5	0.5
100	PI/2 BPSK	270	0		27.75			
100	QPSK	1	1		28.44		29.0	0.0
100	QPSK	1	137		28.25			
100	QPSK	1	271		28.19			
100	QPSK	135	0		27.31		29.0	0.0
100	QPSK	135	69		28.23			
100	QPSK	135	138		27.24			
100	QPSK	270	0		27.25		28.0	1.0
100	16QAM	1	1		27.35		28.0	1.0
100	64QAM	1	1		25.72		26.5	2.5
100	256QAM	1	1		23.67		24.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	28.25	28.29	28.27	29.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	28.08	28.24	28.22	29.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	28.15	28.07	28.23	29.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	28.25	28.12	28.17	29.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	28.13	28.28	28.21	29.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	28.19	28.24	28.12	29.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	28.10	28.29	28.22	29.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	28.13	28.30	28.09	29.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	28.12	28.25	28.07	29.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	28.04	28.27	28.23	29.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	28.13	28.23	28.07	29.0	0.0

FR1 n2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.71	23.70	23.87	24.8	0.0
40	PI/2 BPSK	1	108	23.86	23.80	23.89		
40	PI/2 BPSK	1	214	24.15	24.09	24.12		
40	PI/2 BPSK	108	0	23.30	23.49	23.39	24.3	0.5
40	PI/2 BPSK	108	54	23.92	24.09	23.92	24.8	0.0
40	PI/2 BPSK	108	108	23.67	23.57	23.59	24.3	0.5
40	PI/2 BPSK	216	0	23.56	23.59	23.52		
40	QPSK	1	1	24.11	24.17	24.13	24.8	0.0
40	QPSK	1	108	23.95	23.99	23.89		
40	QPSK	1	214	23.91	24.01	23.97		
40	QPSK	108	0	22.94	22.87	22.95	23.8	1.0
40	QPSK	108	54	23.89	24.01	23.92	24.8	0.0
40	QPSK	108	108	23.17	23.02	23.06	23.8	1.0
40	QPSK	216	0	22.99	23.01	22.95		
40	16QAM	1	1	22.96	22.88	22.96	23.8	1.0
40	64QAM	1	1	21.30	21.34	21.43	22.3	2.5
40	256QAM	1	1	19.36	19.32	19.17	20.3	4.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.99	23.96	24.10	24.8	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	24.04	24.10	24.11	24.8	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.98	23.99	24.10	24.8	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.96	24.14	24.04	24.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.89	24.05	24.09	24.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.94	24.05	24.02	24.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.91	24.07	23.99	24.8	0.0

FR1 n7 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	25.01	25.02	24.99	25.6	0.0
50	PI/2 BPSK	1	135	24.39	24.55	24.45		
50	PI/2 BPSK	1	268	24.88	25.03	24.84		
50	PI/2 BPSK	135	0	24.49	24.46	24.38	25.1	0.5
50	PI/2 BPSK	135	68	25.01	24.91	25.01	25.6	0.0
50	PI/2 BPSK	135	135	24.24	24.28	24.41	25.1	0.5
50	PI/2 BPSK	270	0	24.44	24.46	24.50		
50	QPSK	1	1	24.93	25.12	25.10	25.6	0.0
50	QPSK	1	135	24.86	24.78	24.80		
50	QPSK	1	268	24.95	24.96	24.85		
50	QPSK	135	0	24.35	24.37	24.24	24.6	1.0
50	QPSK	135	68	24.93	25.07	25.01	25.6	0.0
50	QPSK	135	135	24.13	24.04	24.23	24.6	1.0
50	QPSK	270	0	24.15	24.26	24.21		
50	16QAM	1	1	24.88	24.79	24.71	25.6	0.0
50	64QAM	1	1	22.78	22.79	22.73	23.1	2.5
50	256QAM	1	1	20.55	20.48	20.45	21.1	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.88	24.94	24.92	25.6	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.82	24.94	24.90	25.6	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.90	24.94	25.09	25.6	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.75	24.91	25.00	25.6	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.85	25.09	24.89	25.6	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.73	25.11	24.97	25.6	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.91	25.09	25.05	25.6	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.93	24.93	24.90	25.6	0.0

FR1 n25 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.12	24.24	24.21	24.8	0.0
40	PI/2 BPSK	1	108	24.12	24.12	24.06		
40	PI/2 BPSK	1	214	24.17	24.20	24.16		
40	PI/2 BPSK	108	0	23.60	23.67	23.61	24.3	0.5
40	PI/2 BPSK	108	54	24.19	24.19	24.00	24.8	0.0
40	PI/2 BPSK	108	108	23.48	23.46	23.43	24.3	0.5
40	PI/2 BPSK	216	0	23.33	23.51	23.52		
40	QPSK	1	1	24.25	24.34	24.31	24.8	0.0
40	QPSK	1	108	24.19	24.23	24.20		
40	QPSK	1	214	24.09	24.27	24.10		
40	QPSK	108	0	23.19	23.34	23.23	23.8	1.0
40	QPSK	108	54	24.12	24.22	24.21	24.8	0.0
40	QPSK	108	108	23.11	23.23	23.11	23.8	1.0
40	QPSK	216	0	23.10	23.24	23.04		
40	16QAM	1	1	22.97	23.15	22.97	23.8	1.0
40	64QAM	1	1	21.44	21.56	21.41	22.3	2.5
40	256QAM	1	1	19.29	19.30	19.19	20.3	4.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	24.17	24.26	24.29	24.8	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.11	24.17	24.27	24.8	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.07	24.27	24.29	24.8	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.24	24.27	24.12	24.8	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.11	24.22	24.32	24.8	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.09	24.15	24.23	24.8	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.20	24.27	24.29	24.8	0.0

FR1 n66 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.32	23.29	23.37	24.4	0.0
45	PI/2 BPSK	1	120	23.22	23.35	23.38		
45	PI/2 BPSK	1	240	23.27	23.42	23.35		
45	PI/2 BPSK	120	0	22.55	22.49	22.59	23.9	0.5
45	PI/2 BPSK	120	60	23.33	23.35	23.22	24.4	0.0
45	PI/2 BPSK	120	120	22.65	22.61	22.47	23.9	0.5
45	PI/2 BPSK	240	0	22.71	22.72	22.55		
45	QPSK	1	1	23.39	23.58	23.48	24.4	0.0
45	QPSK	1	120	23.44	23.32	23.37		
45	QPSK	1	240	23.23	23.35	23.25		
45	QPSK	120	0	22.21	22.27	22.24	23.4	1.0
45	QPSK	120	60	23.44	23.47	23.31	24.4	0.0
45	QPSK	120	120	22.25	22.32	22.32	23.4	1.0
45	QPSK	240	0	22.37	22.41	22.23		
45	16QAM	1	1	22.23	22.17	22.21	23.4	1.0
45	64QAM	1	1	21.12	21.24	21.22	21.9	2.5
45	256QAM	1	1	19.08	19.11	19.04	19.9	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.32	23.47	23.42	24.4	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.40	23.43	23.45	24.4	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.32	23.49	23.37	24.4	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.41	23.42	23.48	24.4	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.38	23.42	23.45	24.4	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.39	23.40	23.44	24.4	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.37	23.46	23.37	24.4	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.42	23.43	24.4	0.0

FR1 n38 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	24.19	24.26	24.39	25.5	0.0
40	PI/2 BPSK	1	53	24.38	24.45	24.33		
40	PI/2 BPSK	1	104	24.40	24.41	24.38		
40	PI/2 BPSK	50	0	23.88	23.72	23.91	25.0	0.5
40	PI/2 BPSK	50	28	24.31	24.33	24.19	25.5	0.0
40	PI/2 BPSK	50	56	24.02	23.99	23.88	25.0	0.5
40	PI/2 BPSK	100	0	23.87	23.82	23.95		
40	QPSK	1	1	24.38	24.51	24.46	25.5	0.0
40	QPSK	1	53	24.29	24.38	24.18		
40	QPSK	1	104	24.35	24.22	24.24		
40	QPSK	50	0	24.38	24.47	24.32	25.5	0.0
40	QPSK	50	28	24.20	24.52	24.36		
40	QPSK	50	56	24.38	24.23	24.23		
40	QPSK	100	0	23.16	23.28	23.21	24.5	1.0
40	16QAM	1	1	23.43	23.31	23.35	24.5	1.0
40	64QAM	1	1	22.06	22.12	22.01	23.0	2.5
40	256QAM	1	1	19.88	19.76	19.79	21.0	4.5
Channel				517000	519000	521000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	24.20	24.45	24.41	25.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	24.35	24.34	24.38	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.30	24.31	24.34	25.5	0.0
Channel				515500	519000	522500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	24.24	24.32	24.26	25.5	0.0
Channel				515000	519000	523000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	24.38	24.45	24.28	25.5	0.0

PC3 FR1 n41 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.57	24.66	24.40	25.7	0.0
100	PI/2 BPSK	1	137	24.71	24.71	24.51		
100	PI/2 BPSK	1	271	24.32	24.71	24.72		
100	PI/2 BPSK	135	0	24.31	24.26	24.12	25.2	0.5
100	PI/2 BPSK	135	69	24.48	24.67	24.59	25.7	0.0
100	PI/2 BPSK	135	138	24.28	24.21	24.16	25.2	0.5
100	PI/2 BPSK	270	0	24.24	24.22	24.25		
100	QPSK	1	1	24.67	24.77	24.70	25.7	0.0
100	QPSK	1	137	24.74	24.72	24.50		
100	QPSK	1	271	24.62	24.61	24.40		
100	QPSK	135	0	24.60	24.72	24.58	25.7	0.0
100	QPSK	135	69	24.59	24.74	24.69		
100	QPSK	135	138	24.70	24.60	24.57		
100	QPSK	270	0	23.37	23.56	23.52	24.7	1.0
100	16QAM	1	1	23.63	23.83	23.75	24.7	1.0
100	64QAM	1	1	22.30	22.53	22.35	23.2	2.5
100	256QAM	1	1	20.36	20.18	20.17	21.2	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.60	24.67	24.63	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.51	24.69	24.67	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.66	24.71	24.65	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.58	24.55	24.58	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.47	24.65	24.58	25.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.64	24.68	24.65	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.50	24.58	24.49	25.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.64	24.66	24.59	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.50	24.55	24.49	25.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.47	24.70	24.55	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.56	24.73	24.62	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.45	24.73	24.70	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.54	24.76	24.54	25.7	0.0

PC2 FR1 n41 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.55	25.64	25.59	26.7	0.0
100	PI/2 BPSK	1	137	25.49	25.61	25.72		
100	PI/2 BPSK	1	271	25.58	25.58	25.46		
100	PI/2 BPSK	135	0	24.92	25.04	25.10	26.2	0.5
100	PI/2 BPSK	135	69	25.45	25.58	25.46	26.7	0.0
100	PI/2 BPSK	135	138	24.98	25.09	25.09	26.2	0.5
100	PI/2 BPSK	270	0	25.13	25.10	25.17		
100	QPSK	1	1	25.68	25.76	25.69	26.7	0.0
100	QPSK	1	137	25.65	25.62	25.70		
100	QPSK	1	271	25.48	25.56	25.53		
100	QPSK	135	0	25.66	25.71	25.73	26.7	0.0
100	QPSK	135	69	25.56	25.75	25.52		
100	QPSK	135	138	25.54	25.48	25.47		
100	QPSK	270	0	24.54	24.55	24.44	25.7	1.0
100	16QAM	1	1	24.54	24.64	24.67	25.7	1.0
100	64QAM	1	1	23.31	23.24	23.32	24.2	2.5
100	256QAM	1	1	21.22	21.18	21.07	22.2	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.47	25.56	25.60	26.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.57	25.53	25.40	26.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.56	25.64	25.57	26.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.59	25.51	25.53	26.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.37	25.63	25.45	26.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.64	25.70	25.62	26.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.48	25.64	25.41	26.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.60	25.74	25.59	26.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.48	25.47	25.49	26.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.49	25.68	25.57	26.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.60	25.52	25.55	26.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.42	25.56	25.56	26.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.43	25.47	25.56	26.7	0.0

FR1 n48 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.98	23.12	23.06	24.5	0.0
40	PI/2 BPSK	1	53	23.11	23.23	23.15		
40	PI/2 BPSK	1	104	22.96	23.07	23.07		
40	PI/2 BPSK	50	0	22.57	22.69	22.74	24.0	0.5
40	PI/2 BPSK	50	28	23.14	23.16	22.96	24.5	0.0
40	PI/2 BPSK	50	56	22.58	22.62	22.50	24.0	0.5
40	PI/2 BPSK	100	0	22.57	22.62	22.66		
40	QPSK	1	1	23.18	23.25	23.19	24.5	0.0
40	QPSK	1	53	23.00	23.13	22.96		
40	QPSK	1	104	23.09	23.06	22.94		
40	QPSK	50	0	23.10	23.22	23.12	24.5	0.0
40	QPSK	50	28	23.06	23.35	23.03		
40	QPSK	50	56	23.10	23.12	23.00		
40	QPSK	100	0	22.08	22.12	22.00	23.5	1.0
40	16QAM	1	1	22.03	22.00	22.08	23.5	1.0
40	64QAM	1	1	20.82	20.93	20.86	22.0	2.5
40	256QAM	1	1	18.84	18.83	18.74	20.0	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.07	23.04	23.00	24.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.17	23.14	23.17	24.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.10	23.24	23.02	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.01	23.24	23.18	24.5	0.0

PC3 FR1 n77 PartO Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.25	24.11	24.13	25.5	0.0
100	PI/2 BPSK	1	137	24.43	24.39	24.37		
100	PI/2 BPSK	1	271	24.26	24.15	24.11		
100	PI/2 BPSK	135	0	23.96	23.98	23.99	25.0	0.5
100	PI/2 BPSK	135	69	24.21	24.28	24.34	25.5	0.0
100	PI/2 BPSK	135	138	23.80	23.85	23.72	25.0	0.5
100	PI/2 BPSK	270	0	23.87	23.90	23.96		
100	QPSK	1	1	24.44	24.55	24.43	25.5	0.0
100	QPSK	1	137	24.32	24.31	24.14		
100	QPSK	1	271	24.19	24.31	24.26		
100	QPSK	135	0	24.31	24.46	24.44	25.5	0.0
100	QPSK	135	69	24.35	24.47	24.46		
100	QPSK	135	138	24.31	24.19	24.18		
100	QPSK	270	0	23.18	23.19	23.14	24.5	1.0
100	16QAM	1	1	23.35	23.39	23.24	24.5	1.0
100	64QAM	1	1	22.01	22.13	22.15	23.0	2.5
100	256QAM	1	1	19.97	20.04	20.04	21.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.96	24.09	24.03	25.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.85	24.14	24.00	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.85	24.13	24.00	25.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.87	23.96	24.04	25.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.84	24.10	23.89	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.99	24.15	23.87	25.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	23.93	23.94	23.90	25.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	23.87	24.02	23.91	25.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.01	23.99	23.82	25.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.94	24.13	23.95	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.93	24.13	23.94	25.5	0.0

PC2 FR1 n77 PartO Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.15	27.18	27.34	29.0	0.0
100	PI/2 BPSK	1	137	27.48	27.43	27.41		
100	PI/2 BPSK	1	271	27.17	27.27	27.19		
100	PI/2 BPSK	135	0	26.95	27.07	27.02	28.5	0.5
100	PI/2 BPSK	135	69	27.43	27.34	27.38	29.0	0.0
100	PI/2 BPSK	135	138	26.90	26.85	26.82	28.5	0.5
100	PI/2 BPSK	270	0	27.07	27.07	27.16		
100	QPSK	1	1	27.44	27.59	27.48	29.0	0.0
100	QPSK	1	137	27.20	27.29	27.27		
100	QPSK	1	271	27.33	27.45	27.39		
100	QPSK	135	0	27.39	27.30	27.45	29.0	0.0
100	QPSK	135	69	27.32	27.53	27.5		
100	QPSK	135	138	27.12	27.23	27.30		
100	QPSK	270	0	26.39	26.41	26.34	28.0	1.0
100	16QAM	1	1	26.25	26.28	26.36	28.0	1.0
100	64QAM	1	1	25.07	25.07	25.22	26.5	2.5
100	256QAM	1	1	22.95	22.98	22.92	24.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	27.44	27.56	27.39	29.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	27.37	27.54	27.29	29.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.34	27.56	27.27	29.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	27.23	27.48	27.45	29.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	27.26	27.45	27.30	29.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.22	27.49	27.26	29.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	27.32	27.51	27.34	29.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	27.33	27.46	27.39	29.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	27.30	27.58	27.31	29.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	27.27	27.58	27.50	29.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.27	27.57	27.31	29.0	0.0

PC3 FR1 n77 PartQ Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.78		25.5	0.0
100	PI/2 BPSK	1	137		24.82			
100	PI/2 BPSK	1	271		24.78			
100	PI/2 BPSK	135	0		24.46		25.0	0.5
100	PI/2 BPSK	135	69		24.87		25.5	0.0
100	PI/2 BPSK	135	138		24.31		25.0	0.5
100	PI/2 BPSK	270	0		24.41			
100	QPSK	1	1		24.99		25.5	0.0
100	QPSK	1	137		24.75			
100	QPSK	1	271		24.79			
100	QPSK	135	0		24.81		25.5	0.0
100	QPSK	135	69		24.87			
100	QPSK	135	138		24.77			
100	QPSK	270	0		23.76		24.5	1.0
100	16QAM	1	1		23.88		24.5	1.0
100	64QAM	1	1		22.69		23.0	2.5
100	256QAM	1	1		20.51		21.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.84	24.82	24.77	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.64	24.66	24.66	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.76	24.63	24.77	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.69	24.71	24.64	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.67	24.72	24.76	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.67	24.79	24.58	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.68	24.69	24.68	25.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.64	24.72	24.75	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.83	24.82	24.55	25.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.83	24.79	24.57	25.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.75	24.77	24.57	25.5	0.0

PC2 FR1 n77 PartQ Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.54		29.0	0.0
100	PI/2 BPSK	1	137		27.80			
100	PI/2 BPSK	1	271		27.56			
100	PI/2 BPSK	135	0		27.43		28.5	0.5
100	PI/2 BPSK	135	69		27.79		29.0	0.0
100	PI/2 BPSK	135	138		27.24		28.5	0.5
100	PI/2 BPSK	270	0		27.48			
100	QPSK	1	1		27.88		29.0	0.0
100	QPSK	1	137		27.51			
100	QPSK	1	271		27.77			
100	QPSK	135	0		27.78		29.0	0.0
100	QPSK	135	69		27.79			
100	QPSK	135	138		27.52			
100	QPSK	270	0		26.65		28.0	1.0
100	16QAM	1	1		26.67		28.0	1.0
100	64QAM	1	1		25.45		26.5	2.5
100	256QAM	1	1		23.31		24.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.83	27.69	27.82	29.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	27.76	27.66	27.65	29.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.67	27.62	27.82	29.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.74	27.56	27.77	29.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.65	27.56	27.67	29.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.69	27.51	27.81	29.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.78	27.68	27.67	29.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.68	27.67	27.75	29.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.85	27.49	27.75	29.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.80	27.51	27.61	29.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.78	27.65	27.69	29.0	0.0

PC3 FR1 n78 PartO Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.25		25.5	0.0
100	PI/2 BPSK	1	137		24.46			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		24.18		25.0	0.5
100	PI/2 BPSK	135	69		24.36		25.5	0.0
100	PI/2 BPSK	135	138		23.93		25.0	0.5
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.59		25.5	0.0
100	QPSK	1	137		24.39			
100	QPSK	1	271		24.51			
100	QPSK	135	0		24.41		25.5	0.0
100	QPSK	135	69		24.56			
100	QPSK	135	138		24.24			
100	QPSK	270	0		23.45		24.5	1.0
100	16QAM	1	1		23.50		24.5	1.0
100	64QAM	1	1		22.25		23.0	2.5
100	256QAM	1	1		19.88		21.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.40	24.46	24.39	25.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.03	24.26	24.09	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.04	24.10	24.08	25.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.03	24.10	23.99	25.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.02	24.06	24.10	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.21	24.17	24.10	25.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	24.16	24.14	24.10	25.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.15	24.24	24.18	25.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.99	24.11	24.11	25.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.99	24.09	24.05	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.11	24.20	24.14	25.5	0.0

PC2 FR1 n78 PartO Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.06		29.0	0.0
100	PI/2 BPSK	1	137		27.26			
100	PI/2 BPSK	1	271		27.05			
100	PI/2 BPSK	135	0		26.92		28.5	0.5
100	PI/2 BPSK	135	69		27.29		29.0	0.0
100	PI/2 BPSK	135	138		26.84		28.5	0.5
100	PI/2 BPSK	270	0		27.00			
100	QPSK	1	1		27.52		29.0	0.0
100	QPSK	1	137		27.20			
100	QPSK	1	271		27.32			
100	QPSK	135	0		27.30		29.0	0.0
100	QPSK	135	69		27.43			
100	QPSK	135	138		27.23			
100	QPSK	270	0		26.12		28.0	1.0
100	16QAM	1	1		26.17		28.0	1.0
100	64QAM	1	1		25.16		26.5	2.5
100	256QAM	1	1		22.83		24.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	27.44	27.48	27.42	29.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	27.34	27.47	27.36	29.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.22	27.50	27.35	29.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	27.43	27.32	27.34	29.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	27.31	27.47	27.25	29.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.27	27.39	27.41	29.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	27.34	27.43	27.40	29.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	27.44	27.47	27.35	29.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	27.25	27.33	27.43	29.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	27.29	27.50	27.21	29.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.37	27.33	27.24	29.0	0.0

PC3 FR1 n78 PartQ Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.36		25.5	0.0
100	PI/2 BPSK	1	137		24.53			
100	PI/2 BPSK	1	271		24.59			
100	PI/2 BPSK	135	0		24.21		25.0	0.5
100	PI/2 BPSK	135	69		24.61		25.5	0.0
100	PI/2 BPSK	135	138		23.86		25.0	0.5
100	PI/2 BPSK	270	0		24.08			
100	QPSK	1	1		24.65		25.5	0.0
100	QPSK	1	137		24.48			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.36		25.5	0.0
100	QPSK	135	69		24.60			
100	QPSK	135	138		24.46			
100	QPSK	270	0		23.41		24.5	1.0
100	16QAM	1	1		23.59		24.5	1.0
100	64QAM	1	1		22.34		23.0	2.5
100	256QAM	1	1		20.32		21.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.46	24.51	24.44	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.34	24.32	24.35	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.39	24.41	24.34	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.33	24.30	24.23	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.44	24.50	24.32	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.42	24.39	24.35	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.45	24.39	24.26	25.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.32	24.32	24.28	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.32	24.40	24.37	25.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.43	24.37	24.44	25.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.34	24.45	24.28	25.5	0.0

PC2 FR1 n78 PartQ Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.43		29.0	0.0
100	PI/2 BPSK	1	137		27.75			
100	PI/2 BPSK	1	271		27.51			
100	PI/2 BPSK	135	0		27.38		28.5	0.5
100	PI/2 BPSK	135	69		27.74		29.0	0.0
100	PI/2 BPSK	135	138		27.14		28.5	0.5
100	PI/2 BPSK	270	0		27.43			
100	QPSK	1	1		27.85		29.0	0.0
100	QPSK	1	137		27.41			
100	QPSK	1	271		27.72			
100	QPSK	135	0		27.73		29.0	0.0
100	QPSK	135	69		27.74			
100	QPSK	135	138		27.45			
100	QPSK	270	0		26.60		28.0	1.0
100	16QAM	1	1		26.62		28.0	1.0
100	64QAM	1	1		25.44		26.5	2.5
100	256QAM	1	1		23.13		24.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.80	27.73	27.83	29.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	27.80	27.72	27.65	29.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.78	27.54	27.72	29.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.69	27.75	27.82	29.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.81	27.57	27.81	29.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.59	27.58	27.75	29.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.59	27.52	27.75	29.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.67	27.68	27.81	29.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.73	27.54	27.82	29.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.65	27.62	27.69	29.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.74	27.61	27.66	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.22	22.82	22.96	24.1	0.0
50	PI/2 BPSK	1	135	22.86	22.92	22.97		
50	PI/2 BPSK	1	268	23.06	22.98	22.94		
50	PI/2 BPSK	135	0	22.67	22.52	22.65	23.6	0.5
50	PI/2 BPSK	135	68	23.09	22.96	22.81	24.1	0.0
50	PI/2 BPSK	135	135	22.45	22.43	22.28	23.6	0.5
50	PI/2 BPSK	270	0	22.34	22.34	22.54		
50	QPSK	1	1	23.33	23.42	23.40	24.1	0.0
50	QPSK	1	135	22.91	22.97	22.91		
50	QPSK	1	268	23.07	22.99	23.13		
50	QPSK	135	0	21.94	21.90	22.17	23.1	1.0
50	QPSK	135	68	23.18	23.21	22.90	24.1	0.0
50	QPSK	135	135	21.93	21.95	21.79	23.1	1.0
50	QPSK	270	0	22.08	22.12	22.02		
50	16QAM	1	1	21.74	21.95	21.85	23.1	1.0
50	64QAM	1	1	20.54	20.56	20.56	21.6	2.5
50	256QAM	1	1	18.68	18.62	18.39	19.6	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.24	23.21	23.29	24.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.01	23.39	23.25	24.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.01	23.36	23.25	24.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.11	23.23	23.31	24.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.05	23.19	23.27	24.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.05	23.19	23.27	24.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.09	23.21	23.23	24.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.03	23.29	23.09	24.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.31	23.09	23.14	24.4	0.0
45	PI/2 BPSK	1	120	23.18	23.13	23.24		
45	PI/2 BPSK	1	240	23.16	23.23	23.16		
45	PI/2 BPSK	120	0	22.85	22.82	22.73	23.9	0.5
45	PI/2 BPSK	120	60	23.19	23.07	23.09	24.4	0.0
45	PI/2 BPSK	120	120	22.54	22.56	22.37	23.9	0.5
45	PI/2 BPSK	240	0	22.63	22.58	22.63		
45	QPSK	1	1	23.55	23.58	23.50	24.4	0.0
45	QPSK	1	120	23.12	23.17	23.13		
45	QPSK	1	240	23.34	23.30	23.36		
45	QPSK	120	0	22.22	22.18	22.35	23.4	1.0
45	QPSK	120	60	23.27	23.31	23.22	24.4	0.0
45	QPSK	120	120	22.09	22.13	21.95	23.4	1.0
45	QPSK	240	0	22.21	22.27	22.21		
45	16QAM	1	1	22.04	22.18	22.17	23.4	1.0
45	64QAM	1	1	20.63	20.76	20.66	21.9	2.5
45	256QAM	1	1	18.85	18.73	18.71	19.9	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.51	23.54	23.33	24.4	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.43	23.55	23.33	24.4	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.41	23.46	24.4	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.55	23.53	23.47	24.4	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.54	23.53	23.28	24.4	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.40	23.37	23.47	24.4	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.48	23.36	23.35	24.4	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.48	23.37	23.30	24.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	22.81	22.86	22.98	24.3	0.0
40	PI/2 BPSK	1	53	22.73	22.89	22.87		
40	PI/2 BPSK	1	104	22.65	22.68	22.82		
40	PI/2 BPSK	50	0	22.33	22.31	22.43	23.8	0.5
40	PI/2 BPSK	50	28	22.89	22.74	22.93	24.3	0.0
40	PI/2 BPSK	50	56	22.64	22.86	22.86	23.8	0.5
40	PI/2 BPSK	100	0	22.28	22.39	22.42		
40	QPSK	1	1	22.92	23.03	22.99	24.3	0.0
40	QPSK	1	53	22.65	22.88	22.86		
40	QPSK	1	104	22.87	22.71	22.88		
40	QPSK	50	0	22.36	22.41	22.39	24.3	0.0
40	QPSK	50	28	22.92	22.97	22.94		
40	QPSK	50	56	22.78	22.79	22.89		
40	QPSK	100	0	21.70	22.01	21.91	23.3	1.0
40	16QAM	1	1	21.70	21.71	21.89	23.3	1.0
40	64QAM	1	1	20.29	20.39	20.38	21.8	2.5
40	256QAM	1	1	18.18	18.37	18.36	19.8	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	22.92	22.88	23.01	24.3	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	22.84	22.91	22.92	24.3	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.75	22.90	22.89	24.3	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	22.82	22.98	22.87	24.3	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	22.87	22.99	22.95	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.01	23.18	23.21	24.2	0.0
100	PI/2 BPSK	1	137	22.91	23.17	22.99		
100	PI/2 BPSK	1	271	22.74	22.95	22.95		
100	PI/2 BPSK	135	0	22.44	22.42	22.75	23.7	0.5
100	PI/2 BPSK	135	69	23.01	22.91	23.16	24.2	0.0
100	PI/2 BPSK	135	138	22.75	23.16	23.09	23.7	0.5
100	PI/2 BPSK	270	0	22.37	22.62	22.64		
100	QPSK	1	1	23.13	23.28	23.18	24.2	0.0
100	QPSK	1	137	22.85	23.03	23.00		
100	QPSK	1	271	23.09	22.98	23.09		
100	QPSK	135	0	22.55	22.68	22.62	24.2	0.0
100	QPSK	135	69	23.02	23.21	23.18		
100	QPSK	135	138	22.98	22.97	23.05		
100	QPSK	270	0	22.01	22.10	22.09	23.2	1.0
100	16QAM	1	1	21.90	22.00	22.04	23.2	1.0
100	64QAM	1	1	20.57	20.48	20.48	21.7	2.5
100	256QAM	1	1	18.45	18.62	18.64	19.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.97	23.10	23.12	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.10	23.14	23.01	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.91	23.07	23.11	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.13	23.22	23.15	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.12	23.10	22.98	24.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.09	23.24	23.07	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.99	23.16	23.06	24.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.02	23.17	23.06	24.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.93	23.11	23.10	24.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.14	23.11	23.06	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.95	23.09	23.16	24.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.08	23.23	23.17	24.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.05	23.22	23.16	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.30	20.43	20.39	21.2	0.0
40	PI/2 BPSK	1	53	20.40	20.45	20.33		
40	PI/2 BPSK	1	104	20.34	20.44	20.42		
40	PI/2 BPSK	50	0	20.00	20.06	19.99	20.7	0.5
40	PI/2 BPSK	50	28	20.30	20.42	20.32	21.2	0.0
40	PI/2 BPSK	50	56	19.82	19.94	19.80	20.7	0.5
40	PI/2 BPSK	100	0	19.94	20.01	19.97		
40	QPSK	1	1	20.51	20.54	20.48	21.2	0.0
40	QPSK	1	53	20.47	20.50	20.46		
40	QPSK	1	104	20.30	20.39	20.34		
40	QPSK	50	0	19.52	19.59	19.46	21.2	0.0
40	QPSK	50	28	20.47	20.52	20.47		
40	QPSK	50	56	19.41	19.44	19.35		
40	QPSK	100	0	19.49	19.54	19.45	20.2	1.0
40	16QAM	1	1	19.25	19.33	19.30	20.2	1.0
40	64QAM	1	1	17.84	17.90	17.79	18.7	2.5
40	256QAM	1	1	15.79	15.92	15.90	16.7	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.39	20.44	20.41	21.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.43	20.40	20.41	21.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.37	20.42	20.44	21.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.45	20.47	20.35	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.97	22.06	21.96	22.8	0.0
100	PI/2 BPSK	1	137	21.99	22.03	21.94		
100	PI/2 BPSK	1	271	21.89	22.02	21.95		
100	PI/2 BPSK	135	0	21.51	21.61	21.59	22.3	0.5
100	PI/2 BPSK	135	69	21.87	22.00	21.88	22.8	0.0
100	PI/2 BPSK	135	138	21.51	21.64	21.59	22.3	0.5
100	PI/2 BPSK	270	0	21.41	21.53	21.40		
100	QPSK	1	1	22.02	22.08	22.05	22.8	0.0
100	QPSK	1	137	21.96	22.02	21.96		
100	QPSK	1	271	21.85	21.95	21.89		
100	QPSK	135	0	21.92	22.00	21.92	22.8	0.0
100	QPSK	135	69	22.01	22.06	21.92		
100	QPSK	135	138	21.99	22.05	21.96		
100	QPSK	270	0	21.06	21.12	21.01	21.8	1.0
100	16QAM	1	1	21.01	21.09	21.00	21.8	1.0
100	64QAM	1	1	19.56	19.63	19.51	20.3	2.5
100	256QAM	1	1	17.47	17.54	17.41	18.3	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.95	21.96	21.93	22.8	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.90	21.95	21.98	22.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.94	21.99	21.93	22.8	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.88	21.97	21.98	22.8	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.97	22.04	21.92	22.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.99	21.98	21.95	22.8	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.97	22.05	21.93	22.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	22.00	21.96	21.97	22.8	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.92	22.03	21.95	22.8	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.92	22.02	22.02	22.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.97	21.96	21.92	22.8	0.0

PC2 FR1 n77 PartO Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.88	25.01	24.96	26.3	0.0
100	PI/2 BPSK	1	137	24.89	24.99	24.94		
100	PI/2 BPSK	1	271	24.98	25.01	24.89		
100	PI/2 BPSK	135	0	24.44	24.54	24.50	25.8	0.5
100	PI/2 BPSK	135	69	24.96	24.98	24.95	26.3	0.0
100	PI/2 BPSK	135	138	24.46	24.56	24.49	25.8	0.5
100	PI/2 BPSK	270	0	24.40	24.53	24.40		
100	QPSK	1	1	25.01	25.08	25.02	26.3	0.0
100	QPSK	1	137	24.92	24.98	24.90		
100	QPSK	1	271	25.01	25.03	24.89		
100	QPSK	135	0	24.95	25.00	24.95	26.3	0.0
100	QPSK	135	69	24.94	25.07	24.98		
100	QPSK	135	138	24.89	24.99	24.93		
100	QPSK	270	0	24.04	24.08	24.06	25.3	1.0
100	16QAM	1	1	23.98	24.06	23.99	25.3	1.0
100	64QAM	1	1	22.49	22.57	22.48	23.8	2.5
100	256QAM	1	1	20.45	20.58	20.53	21.8	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.90	25.04	24.98	26.3	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.92	24.96	24.88	26.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.96	25.00	24.91	26.3	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.95	25.02	24.90	26.3	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.90	24.99	24.98	26.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.95	24.97	24.95	26.3	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.98	24.99	24.94	26.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	24.87	25.05	24.93	26.3	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.88	24.99	24.96	26.3	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.94	24.97	24.99	26.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.88	24.94	24.97	26.3	0.0

PC3 FR1 n77 PartQ Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.43		22.8	0.0
100	PI/2 BPSK	1	137		21.31			
100	PI/2 BPSK	1	271		21.39			
100	PI/2 BPSK	135	0		21.25		22.3	0.5
100	PI/2 BPSK	135	69		21.32		22.8	0.0
100	PI/2 BPSK	135	138		21.41		22.3	0.5
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	1		21.47		22.8	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.42			
100	QPSK	135	0		21.26		22.8	0.0
100	QPSK	135	69		21.45			
100	QPSK	135	138		21.42			
100	QPSK	270	0		20.26		21.8	1.0
100	16QAM	1	1		20.29		21.8	1.0
100	64QAM	1	1		18.99		20.3	2.5
100	256QAM	1	1		17.02		18.3	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.37	21.26	21.32	22.8	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.24	21.17	21.17	22.8	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.22	21.07	21.24	22.8	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.34	21.11	21.30	22.8	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.24	21.04	21.27	22.8	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.33	21.18	21.13	22.8	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.24	21.13	21.21	22.8	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.29	21.27	21.33	22.8	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.36	21.11	21.28	22.8	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.23	21.09	21.16	22.8	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.19	21.21	21.13	22.8	0.0

PC2 FR1 n77 PartQ Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.63		26.3	0.0
100	PI/2 BPSK	1	137		24.55			
100	PI/2 BPSK	1	271		24.59			
100	PI/2 BPSK	135	0		24.01		25.8	0.5
100	PI/2 BPSK	135	69		24.56		26.3	0.0
100	PI/2 BPSK	135	138		24.11		25.8	0.5
100	PI/2 BPSK	270	0		24.13			
100	QPSK	1	1		24.68		26.3	0.0
100	QPSK	1	137		24.56			
100	QPSK	1	271		24.62			
100	QPSK	135	0		23.89		26.3	0.0
100	QPSK	135	69		24.49			
100	QPSK	135	138		24.11			
100	QPSK	270	0		23.51		25.3	1.0
100	16QAM	1	1		23.48		25.3	1.0
100	64QAM	1	1		22.10		23.8	2.5
100	256QAM	1	1		20.13		21.8	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.51	24.59	24.56	26.3	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.44	24.49	24.47	26.3	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.43	24.56	24.56	26.3	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.43	24.56	24.49	26.3	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.48	24.51	24.48	26.3	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.50	24.49	24.56	26.3	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.50	24.48	24.48	26.3	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.42	24.52	24.51	26.3	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.44	24.58	24.49	26.3	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.41	24.55	24.57	26.3	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.46	24.59	24.52	26.3	0.0

PC3 FR1 n78 PartO Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.10		22.7	0.0
100	PI/2 BPSK	1	137		22.05			
100	PI/2 BPSK	1	271		22.10			
100	PI/2 BPSK	135	0		21.52		22.2	0.5
100	PI/2 BPSK	135	69		22.07		22.7	0.0
100	PI/2 BPSK	135	138		21.58		22.2	0.5
100	PI/2 BPSK	270	0		21.51			
100	QPSK	1	1		22.11		22.7	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		22.08			
100	QPSK	135	0		22.02		22.7	0.0
100	QPSK	135	69		22.07			
100	QPSK	135	138		22.00			
100	QPSK	270	0		21.15		21.7	1.0
100	16QAM	1	1		21.13		21.7	1.0
100	64QAM	1	1		19.66		20.2	2.5
100	256QAM	1	1		17.62		18.2	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.03	21.97	21.96	22.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.97	22.05	22.04	22.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.96	22.00	22.02	22.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.06	22.02	21.98	22.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.01	21.96	22.01	22.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.96	22.01	22.04	22.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	22.04	22.04	21.97	22.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	22.06	21.99	21.97	22.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.98	21.95	22.07	22.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.02	22.06	22.00	22.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.06	22.02	22.03	22.7	0.0

PC2 FR1 n78 PartO Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.03		26.2	0.0
100	PI/2 BPSK	1	137		24.96			
100	PI/2 BPSK	1	271		25.00			
100	PI/2 BPSK	135	0		24.47		25.7	0.5
100	PI/2 BPSK	135	69		24.95		26.2	0.0
100	PI/2 BPSK	135	138		24.41		25.7	0.5
100	PI/2 BPSK	270	0		24.47			
100	QPSK	1	1		25.10		26.2	0.0
100	QPSK	1	137		24.90			
100	QPSK	1	271		24.95			
100	QPSK	135	0		23.97		26.2	0.0
100	QPSK	135	69		24.89			
100	QPSK	135	138		23.96			
100	QPSK	270	0		23.96		25.2	1.0
100	16QAM	1	1		23.80		25.2	1.0
100	64QAM	1	1		21.99		23.7	2.5
100	256QAM	1	1		19.99		21.7	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.05	25.05	24.96	26.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.02	25.02	25.03	26.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.00	24.95	25.01	26.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.00	24.94	25.05	26.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.00	25.02	24.99	26.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.04	25.03	24.98	26.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	25.03	24.99	25.02	26.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.94	25.06	24.99	26.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.02	24.95	25.04	26.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.01	24.96	24.98	26.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.97	25.05	24.97	26.2	0.0

PC3 FR1 n78 PartQ Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.27		22.7	0.0
100	PI/2 BPSK	1	137		21.29			
100	PI/2 BPSK	1	271		21.33			
100	PI/2 BPSK	135	0		21.19		22.2	0.5
100	PI/2 BPSK	135	69		21.18		22.7	0.0
100	PI/2 BPSK	135	138		21.32		22.2	0.5
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.50		22.7	0.0
100	QPSK	1	137		21.07			
100	QPSK	1	271		21.39			
100	QPSK	135	0		21.13		22.7	0.0
100	QPSK	135	69		21.43			
100	QPSK	135	138		21.34			
100	QPSK	270	0		20.21		21.7	1.0
100	16QAM	1	1		20.26		21.7	1.0
100	64QAM	1	1		19.05		20.2	2.5
100	256QAM	1	1		17.10		18.2	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.63	21.56	21.47	22.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.54	21.54	21.29	22.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.45	21.43	21.48	22.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.47	21.47	21.42	22.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.53	21.42	21.48	22.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.59	21.55	21.25	22.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.51	21.55	21.42	22.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.44	21.37	21.32	22.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.55	21.47	21.32	22.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.63	21.35	21.41	22.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.46	21.52	21.28	22.7	0.0

PC2 FR1 n78 PartQ Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.47		26.2	0.0
100	PI/2 BPSK	1	137		24.49			
100	PI/2 BPSK	1	271		24.43			
100	PI/2 BPSK	135	0		23.88		25.7	0.5
100	PI/2 BPSK	135	69		24.38		26.2	0.0
100	PI/2 BPSK	135	138		23.97		25.7	0.5
100	PI/2 BPSK	270	0		23.91			
100	QPSK	1	1		24.50		26.2	0.0
100	QPSK	1	137		24.32			
100	QPSK	1	271		24.42			
100	QPSK	135	0		24.29		26.2	0.0
100	QPSK	135	69		24.32			
100	QPSK	135	138		24.25			
100	QPSK	270	0		23.46		25.2	1.0
100	16QAM	1	1		23.45		25.2	1.0
100	64QAM	1	1		21.88		23.7	2.5
100	256QAM	1	1		19.85		21.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.38	24.30	24.33	26.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.22	24.24	24.20	26.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.26	24.22	24.21	26.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.23	24.27	24.28	26.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.26	24.25	24.23	26.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.34	24.30	24.35	26.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.31	24.27	24.26	26.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.22	24.25	24.21	26.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.28	24.20	24.21	26.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.33	24.29	24.26	26.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.32	24.22	24.26	26.2	0.0

FR1 n48 Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.10	23.20	23.17	24.2	0.0
40	PI/2 BPSK	1	53	23.23	23.21	23.22		
40	PI/2 BPSK	1	104	23.22	23.25	23.13		
40	PI/2 BPSK	50	0	22.80	22.92	22.90	23.7	0.5
40	PI/2 BPSK	50	28	23.18	23.26	23.18	24.2	0.0
40	PI/2 BPSK	50	56	22.81	22.83	22.62	23.7	0.5
40	PI/2 BPSK	100	0	22.74	22.90	22.71		
40	QPSK	1	1	23.02	23.31	23.25	24.2	0.0
40	QPSK	1	53	23.13	23.24	23.19		
40	QPSK	1	104	23.07	23.19	23.01		
40	QPSK	50	0	22.29	22.37	22.25	24.2	0.0
40	QPSK	50	28	23.27	23.29	23.28		
40	QPSK	50	56	22.24	22.30	22.32		
40	QPSK	100	0	22.34	22.35	22.20	23.2	1.0
40	16QAM	1	1	22.02	22.21	22.07	23.2	1.0
40	64QAM	1	1	20.70	20.77	20.63	21.7	2.5
40	256QAM	1	1	18.78	18.79	18.71	19.7	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.97	23.28	23.16	24.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.96	23.18	23.19	24.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.95	23.17	23.19	24.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.82	23.26	23.10	24.2	0.0

PC3 FR1 n77 PartO Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.16	24.16	24.28	25.4	0.0
100	PI/2 BPSK	1	137	24.15	24.18	23.98		
100	PI/2 BPSK	1	271	24.27	24.20	24.30		
100	PI/2 BPSK	135	0	24.10	24.12	24.01	24.9	0.5
100	PI/2 BPSK	135	69	24.02	24.02	24.14	25.4	0.0
100	PI/2 BPSK	135	138	24.20	24.07	24.18	24.9	0.5
100	PI/2 BPSK	270	0	24.19	24.01	24.15		
100	QPSK	1	1	24.24	24.34	24.23	25.4	0.0
100	QPSK	1	137	23.93	23.92	24.06		
100	QPSK	1	271	24.30	24.24	24.29		
100	QPSK	135	0	24.07	24.20	24.15	25.4	0.0
100	QPSK	135	69	24.07	24.27	24.07		
100	QPSK	135	138	24.22	24.10	24.18		
100	QPSK	270	0	23.24	23.29	23.18	24.4	1.0
100	16QAM	1	1	23.16	23.13	22.98	24.4	1.0
100	64QAM	1	1	21.74	21.83	21.71	22.9	2.5
100	256QAM	1	1	19.73	19.79	19.73	20.9	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.19	24.32	24.08	25.4	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.20	24.19	24.23	25.4	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.05	24.29	24.07	25.4	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.03	24.12	24.21	25.4	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.12	24.15	24.23	25.4	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.22	24.13	24.08	25.4	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.11	24.30	24.19	25.4	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	24.12	24.21	24.24	25.4	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.05	24.19	24.21	25.4	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.19	24.20	24.11	25.4	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.18	24.06	25.4	0.0

PC2 FR1 n77 PartO Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.20	27.23	27.12	28.9	0.0
100	PI/2 BPSK	1	137	27.21	27.16	27.29		
100	PI/2 BPSK	1	271	27.27	27.32	27.31		
100	PI/2 BPSK	135	0	26.80	26.81	26.82	28.4	0.5
100	PI/2 BPSK	135	69	27.16	27.14	27.30	28.9	0.0
100	PI/2 BPSK	135	138	26.71	26.91	26.73	28.4	0.5
100	PI/2 BPSK	270	0	26.77	26.75	26.72		
100	QPSK	1	1	27.27	27.33	27.21	28.9	0.0
100	QPSK	1	137	27.06	27.13	27.05		
100	QPSK	1	271	27.31	27.28	27.29		
100	QPSK	135	0	27.24	27.23	27.12	28.9	0.0
100	QPSK	135	69	27.24	27.28	27.20		
100	QPSK	135	138	27.20	27.27	27.16		
100	QPSK	270	0	26.19	26.23	26.21	27.9	1.0
100	16QAM	1	1	26.10	26.02	26.23	27.9	1.0
100	64QAM	1	1	24.80	24.85	24.72	26.4	2.5
100	256QAM	1	1	22.81	22.80	22.77	24.4	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	27.14	27.19	27.09	28.9	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	27.06	27.16	27.07	28.9	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.27	27.29	27.04	28.9	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	27.15	27.32	27.10	28.9	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	27.29	27.11	27.16	28.9	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.05	27.28	27.03	28.9	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	27.23	27.17	26.99	28.9	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	27.19	27.19	27.23	28.9	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	27.24	27.25	27.17	28.9	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	27.21	27.17	27.04	28.9	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.09	27.17	27.07	28.9	0.0

PC3 FR1 n77 PartQ Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.50		25.4	0.0
100	PI/2 BPSK	1	137		24.30			
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		24.27		24.9	0.5
100	PI/2 BPSK	135	69		24.25		25.4	0.0
100	PI/2 BPSK	135	138		24.41		24.9	0.5
100	PI/2 BPSK	270	0		24.33			
100	QPSK	1	1		24.52		25.4	0.0
100	QPSK	1	137		24.25			
100	QPSK	1	271		24.51			
100	QPSK	135	0		24.32		25.4	0.0
100	QPSK	135	69		24.42			
100	QPSK	135	138		24.39			
100	QPSK	270	0		23.35		24.4	1.0
100	16QAM	1	1		23.39		24.4	1.0
100	64QAM	1	1		21.97		22.9	2.5
100	256QAM	1	1		20.03		20.9	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.46	24.42	24.32	25.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.28	24.33	24.20	25.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.39	24.32	24.15	25.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.35	24.21	24.20	25.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.24	24.33	24.32	25.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.36	24.24	24.23	25.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.33	24.41	24.15	25.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.45	24.32	24.19	25.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.34	24.40	24.33	25.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.27	24.42	24.33	25.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.24	24.35	24.20	25.4	0.0

PC2 FR1 n77 PartQ Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.44		28.9	0.0
100	PI/2 BPSK	1	137		27.39			
100	PI/2 BPSK	1	271		27.33			
100	PI/2 BPSK	135	0		26.80		28.4	0.5
100	PI/2 BPSK	135	69		27.18		28.9	0.0
100	PI/2 BPSK	135	138		26.69		28.4	0.5
100	PI/2 BPSK	270	0		26.80			
100	QPSK	1	1		27.56		28.9	0.0
100	QPSK	1	137		27.22			
100	QPSK	1	271		27.23			
100	QPSK	135	0		27.28		28.9	0.0
100	QPSK	135	69		27.45			
100	QPSK	135	138		27.36			
100	QPSK	270	0		26.31		27.9	1.0
100	16QAM	1	1		26.40		27.9	1.0
100	64QAM	1	1		24.54		26.4	2.5
100	256QAM	1	1		22.44		24.4	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.44	27.50	27.52	28.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	27.41	27.38	27.43	28.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.28	27.39	27.33	28.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.28	27.44	27.51	28.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.43	27.35	27.30	28.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.45	27.45	27.49	28.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.30	27.30	27.38	28.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.41	27.48	27.48	28.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.41	27.41	27.42	28.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.29	27.47	27.34	28.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.34	27.29	27.32	28.9	0.0

PC3 FR1 n78 PartO Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.21		25.4	0.0
100	PI/2 BPSK	1	137		24.40			
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		24.27		24.9	0.5
100	PI/2 BPSK	135	69		24.42		25.4	0.0
100	PI/2 BPSK	135	138		24.38		24.9	0.5
100	PI/2 BPSK	270	0		24.24			
100	QPSK	1	1		24.51		25.4	0.0
100	QPSK	1	137		24.29			
100	QPSK	1	271		24.39			
100	QPSK	135	0		24.28		25.4	0.0
100	QPSK	135	69		24.45			
100	QPSK	135	138		24.40			
100	QPSK	270	0		23.24		24.4	1.0
100	16QAM	1	1		23.37		24.4	1.0
100	64QAM	1	1		22.06		22.9	2.5
100	256QAM	1	1		20.02		20.9	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.39	24.37	24.23	25.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.24	24.36	24.18	25.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.36	24.23	24.21	25.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.37	24.18	24.25	25.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.30	24.34	24.25	25.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.34	24.36	24.01	25.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	24.37	24.18	24.16	25.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.39	24.17	24.21	25.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.36	24.18	24.04	25.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	24.21	24.15	24.16	25.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.24	24.28	24.22	25.4	0.0

PC2 FR1 n78 PartO Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.19		28.9	0.0
100	PI/2 BPSK	1	137		27.33			
100	PI/2 BPSK	1	271		27.34			
100	PI/2 BPSK	135	0		26.76		28.4	0.5
100	PI/2 BPSK	135	69		27.17		28.9	0.0
100	PI/2 BPSK	135	138		26.72		28.4	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.41		28.9	0.0
100	QPSK	1	137		27.27			
100	QPSK	1	271		27.27			
100	QPSK	135	0		27.29		28.9	0.0
100	QPSK	135	69		27.37			
100	QPSK	135	138		27.35			
100	QPSK	270	0		26.33		27.9	1.0
100	16QAM	1	1		26.34		27.9	1.0
100	64QAM	1	1		24.95		26.4	2.5
100	256QAM	1	1		22.89		24.4	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	27.39	27.30	27.23	28.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	27.34	27.23	27.10	28.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.33	27.27	27.05	28.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	27.26	27.16	27.04	28.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	27.35	27.26	27.19	28.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.32	27.08	27.08	28.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	27.20	27.22	27.21	28.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	27.39	27.25	27.15	28.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	27.37	27.20	27.17	28.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	27.26	27.20	27.18	28.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.26	27.19	27.11	28.9	0.0

PC3 FR1 n78 PartQ Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.27		25.4	0.0
100	PI/2 BPSK	1	137		24.09			
100	PI/2 BPSK	1	271		24.23			
100	PI/2 BPSK	135	0		24.07		24.9	0.5
100	PI/2 BPSK	135	69		24.01		25.4	0.0
100	PI/2 BPSK	135	138		24.18		24.9	0.5
100	PI/2 BPSK	270	0		24.11			
100	QPSK	1	1		24.31		25.4	0.0
100	QPSK	1	137		24.03			
100	QPSK	1	271		24.22			
100	QPSK	135	0		24.08		25.4	0.0
100	QPSK	135	69		24.21			
100	QPSK	135	138		24.16			
100	QPSK	270	0		23.10		24.4	1.0
100	16QAM	1	1		23.19		24.4	1.0
100	64QAM	1	1		21.88		22.9	2.5
100	256QAM	1	1		19.92		20.9	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.24	24.20	24.29	25.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.24	24.05	24.25	25.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.17	24.07	24.08	25.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.13	24.03	24.07	25.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.03	24.21	24.14	25.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.26	24.22	24.09	25.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.11	24.21	24.09	25.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.24	24.21	24.28	25.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.15	24.20	24.09	25.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.12	23.99	24.08	25.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.03	24.08	24.19	25.4	0.0

PC2 FR1 n78 PartQ Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.21		28.9	0.0
100	PI/2 BPSK	1	137		27.09			
100	PI/2 BPSK	1	271		27.05			
100	PI/2 BPSK	135	0		26.62		28.4	0.5
100	PI/2 BPSK	135	69		26.99		28.9	0.0
100	PI/2 BPSK	135	138		26.58		28.4	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.26		28.9	0.0
100	QPSK	1	137		26.95			
100	QPSK	1	271		27.11			
100	QPSK	135	0		27.08		28.9	0.0
100	QPSK	135	69		27.15			
100	QPSK	135	138		27.07			
100	QPSK	270	0		26.10		27.9	1.0
100	16QAM	1	1		26.18		27.9	1.0
100	64QAM	1	1		24.71		26.4	2.5
100	256QAM	1	1		22.79		24.4	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.17	27.22	27.16	28.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.97	27.05	27.10	28.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.11	27.03	27.12	28.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.11	27.12	26.97	28.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.06	27.16	27.03	28.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.08	27.22	27.12	28.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.14	27.24	27.17	28.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.03	27.14	27.09	28.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.18	27.18	27.00	28.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.07	27.20	27.12	28.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.19	27.05	27.07	28.9	0.0

Reduced Power Mode for DSI 1

FR1 n5 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.29	25.29	25.16	25.7	0.0
20	PI/2 BPSK	1	53	25.28	25.27	25.26		
20	PI/2 BPSK	1	104	25.13	25.15	25.07		
20	PI/2 BPSK	50	0	24.41	24.82	24.54	25.2	0.5
20	PI/2 BPSK	50	28	25.31	25.26	25.07	25.7	0.0
20	PI/2 BPSK	50	56	24.59	24.69	24.77	25.2	0.5
20	PI/2 BPSK	100	0	24.50	24.45	24.71		
20	QPSK	1	1	25.30	25.37	25.28	25.7	0.0
20	QPSK	1	53	25.17	25.33	25.07		
20	QPSK	1	104	25.18	25.01	24.96		
20	QPSK	50	0	24.00	24.17	23.91	24.7	1.0
20	QPSK	50	28	24.90	25.35	24.88	25.7	0.0
20	QPSK	50	56	23.99	24.11	24.06	24.7	1.0
20	QPSK	100	0	24.27	24.31	24.14		
20	16QAM	1	1	24.14	24.11	24.00	24.7	1.0
20	64QAM	1	1	22.44	22.68	22.82	23.2	2.5
20	256QAM	1	1	20.46	20.45	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.34	25.21	25.16	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.30	25.29	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.15	25.14	25.34	25.7	0.0

FR1 n12 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.41	24.57	24.51	25.5	0.0
15	PI/2 BPSK	1	40	24.38	24.54	24.37		
15	PI/2 BPSK	1	77	24.29	24.46	24.25		
15	PI/2 BPSK	36	0	23.94	24.05	23.86	25.0	0.5
15	PI/2 BPSK	36	22	24.45	24.44	24.23	25.5	0.0
15	PI/2 BPSK	36	43	23.81	24.02	23.91	25.0	0.5
15	PI/2 BPSK	75	0	24.02	24.04	24.02		
15	QPSK	1	1	24.43	24.63	24.53	25.5	0.0
15	QPSK	1	40	24.45	24.54	24.55		
15	QPSK	1	77	24.54	24.59	24.52		
15	QPSK	36	0	23.52	23.52	23.41	24.5	1.0
15	QPSK	36	22	24.57	24.57	24.48	25.5	0.0
15	QPSK	36	43	23.34	23.53	23.53	24.5	1.0
15	QPSK	75	0	23.47	23.56	23.44		
15	16QAM	1	1	23.69	23.67	23.65	24.5	1.0
15	64QAM	1	1	22.02	22.23	22.05	23.0	2.5
15	256QAM	1	1	19.97	20.09	20.07	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.62	24.51	24.56	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.52	24.58	24.57	25.5	0.0

FR1 n26 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.20	25.18	25.03	25.7	0.0
20	PI/2 BPSK	1	53	25.15	25.23	25.25		
20	PI/2 BPSK	1	104	25.01	25.15	25.19		
20	PI/2 BPSK	50	0	24.56	24.67	24.55	25.2	0.5
20	PI/2 BPSK	50	28	25.20	25.13	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.54	24.67	24.78	25.2	0.5
20	PI/2 BPSK	100	0	24.47	24.59	24.73		
20	QPSK	1	1	25.19	25.26	25.22	25.7	0.0
20	QPSK	1	53	25.18	25.24	25.14		
20	QPSK	1	104	25.13	24.99	25.04		
20	QPSK	50	0	23.94	24.04	24.04	24.7	1.0
20	QPSK	50	28	25.03	25.21	25.02	25.7	0.0
20	QPSK	50	56	24.06	24.15	24.05	24.7	1.0
20	QPSK	100	0	24.16	24.22	24.17		
20	16QAM	1	1	24.03	24.12	24.06	24.7	1.0
20	64QAM	1	1	22.58	22.67	22.79	23.2	2.5
20	256QAM	1	1	20.47	20.57	20.67	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.18	25.18	25.15	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.18	25.21	25.14	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.06	25.16	25.21	25.7	0.0

FR1 n5 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.26	19.30	19.23	20.0	0.0
20	PI/2 BPSK	1	53	19.18	19.32	19.14		
20	PI/2 BPSK	1	104	19.22	19.32	19.16		
20	PI/2 BPSK	50	0	19.23	19.32	19.16	20.0	0.0
20	PI/2 BPSK	50	28	19.27	19.23	19.21	20.0	0.0
20	PI/2 BPSK	50	56	19.23	19.30	19.14	20.0	0.0
20	PI/2 BPSK	100	0	19.17	19.22	19.22		
20	QPSK	1	1	19.29	19.34	19.25	20.0	0.0
20	QPSK	1	53	19.26	19.24	19.14		
20	QPSK	1	104	19.20	19.28	19.22		
20	QPSK	50	0	19.20	19.21	19.12	20.0	0.0
20	QPSK	50	28	19.19	19.29	19.19	20.0	0.0
20	QPSK	50	56	19.16	19.27	19.20	20.0	0.0
20	QPSK	100	0	19.25	19.26	19.21		
20	16QAM	1	1	19.24	19.23	19.17	20.0	0.0
20	64QAM	1	1	19.20	19.24	19.11	20.0	0.0
20	256QAM	1	1	19.20	19.21	19.20	20.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.20	19.21	19.21	20.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.24	19.22	19.16	20.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.17	19.26	19.14	20.0	0.0

FR1 n12 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.27	23.32	23.17	24.0	0.0
15	PI/2 BPSK	1	40	23.25	23.28	23.22		
15	PI/2 BPSK	1	77	23.22	23.31	23.26		
15	PI/2 BPSK	36	0	23.22	23.25	23.26	24.0	0.0
15	PI/2 BPSK	36	22	23.26	23.30	23.23	24.0	0.0
15	PI/2 BPSK	36	43	23.18	23.23	23.16	24.0	0.0
15	PI/2 BPSK	75	0	23.27	23.31	23.20		
15	QPSK	1	1	23.31	23.37	23.29	24.0	0.0
15	QPSK	1	40	23.21	23.23	23.25		
15	QPSK	1	77	23.18	23.30	23.24		
15	QPSK	36	0	23.20	23.24	23.24	24.0	0.0
15	QPSK	36	22	23.21	23.34	23.24	24.0	0.0
15	QPSK	36	43	23.25	23.26	23.15	24.0	0.0
15	QPSK	75	0	23.19	23.28	23.17		
15	16QAM	1	1	23.24	23.23	23.22	24.0	0.0
15	64QAM	1	1	21.83	21.86	21.83	22.5	1.5
	256QAM	1	1	19.76	19.86	19.78	20.5	3.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.18	23.31	23.22	24.0	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.19	23.27	23.15	24.0	0.0

FR1 n26 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.21	20.32	20.20	21.0	0.0
20	PI/2 BPSK	1	53	20.21	20.33	20.26		
20	PI/2 BPSK	1	104	20.28	20.29	20.19		
20	PI/2 BPSK	50	0	20.21	20.36	20.23	21.0	0.0
20	PI/2 BPSK	50	28	20.30	20.31	20.19	21.0	0.0
20	PI/2 BPSK	50	56	20.31	20.34	20.24	21.0	0.0
20	PI/2 BPSK	100	0	20.21	20.34	20.20		
20	QPSK	1	1	20.33	20.39	20.31	21.0	0.0
20	QPSK	1	53	20.25	20.31	20.26		
20	QPSK	1	104	20.20	20.33	20.19		
20	QPSK	50	0	20.21	20.26	20.28	21.0	0.0
20	QPSK	50	28	20.25	20.36	20.21	21.0	0.0
20	QPSK	50	56	20.22	20.33	20.25	21.0	0.0
20	QPSK	100	0	20.23	20.29	20.21		
20	16QAM	1	1	20.27	20.26	20.18	21.0	0.0
20	64QAM	1	1	20.20	20.25	20.18	21.0	0.0
20	256QAM	1	1	20.27	20.27	20.23	21.0	0.0
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.24	20.25	20.18	21.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.25	20.32	20.26	21.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.20	20.29	20.23	21.0	0.0

FR1 n7 Ant3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.21	24.29	24.30	25.0	0.0
50	PI/2 BPSK	1	135	23.91	23.93	23.88		
50	PI/2 BPSK	1	268	24.06	24.07	24.01		
50	PI/2 BPSK	135	0	23.54	23.64	23.56	24.5	0.5
50	PI/2 BPSK	135	68	23.98	24.11	23.80	25.0	0.0
50	PI/2 BPSK	135	135	23.12	23.40	23.15	24.5	0.5
50	PI/2 BPSK	270	0	23.50	23.66	23.53		
50	QPSK	1	1	24.24	24.37	24.31	25.0	0.0
50	QPSK	1	135	24.08	24.29	24.24		
50	QPSK	1	268	24.03	24.35	24.13		
50	QPSK	135	0	23.05	23.18	23.14	24.0	1.0
50	QPSK	135	68	24.08	24.14	24.09	25.0	0.0
50	QPSK	135	135	22.64	22.81	22.76	24.0	1.0
50	QPSK	270	0	22.95	23.07	23.02		
50	16QAM	1	1	23.00	23.18	23.06	24.0	1.0
50	64QAM	1	1	21.38	21.59	21.51	22.5	2.5
50	256QAM	1	1	19.60	19.70	19.81	20.5	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.11	24.17	24.23	25.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.17	24.36	24.13	25.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.15	24.22	24.28	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.23	24.31	24.30	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.22	24.30	24.23	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.29	24.31	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.15	24.24	24.29	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.19	24.16	24.30	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.87	24.03	23.93	25.0	0.0
45	PI/2 BPSK	1	120	23.84	23.92	23.80		
45	PI/2 BPSK	1	240	23.90	24.06	23.85		
45	PI/2 BPSK	120	0	23.33	23.54	23.44	24.5	0.5
45	PI/2 BPSK	120	60	23.86	23.91	23.70	25.0	0.0
45	PI/2 BPSK	120	120	23.01	23.19	23.08	24.5	0.5
45	PI/2 BPSK	240	0	23.29	23.45	23.30		
45	QPSK	1	1	24.14	24.19	24.18	25.0	0.0
45	QPSK	1	120	23.97	24.16	24.15		
45	QPSK	1	240	23.98	24.14	23.98		
45	QPSK	120	0	22.84	23.03	22.96	24.0	1.0
45	QPSK	120	60	23.86	23.93	23.86	25.0	0.0
45	QPSK	120	120	22.60	22.71	22.57	24.0	1.0
45	QPSK	240	0	22.76	22.97	22.89		
45	16QAM	1	1	22.80	22.95	22.95	24.0	1.0
45	64QAM	1	1	21.35	21.43	21.30	22.5	2.5
45	256QAM	1	1	19.51	19.60	19.59	20.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.00	23.99	24.04	25.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.97	24.10	24.01	25.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.09	24.13	24.18	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.98	24.10	24.16	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.02	24.00	24.11	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.13	24.05	24.17	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.99	24.12	24.12	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.95	24.04	24.17	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	23.89	23.97	23.88	25.0	0.0
40	PI/2 BPSK	1	53	23.64	23.71	23.63		
40	PI/2 BPSK	1	104	23.46	23.66	23.54		
40	PI/2 BPSK	50	0	22.90	23.11	22.96	24.5	0.5
40	PI/2 BPSK	50	28	23.18	23.18	23.16	25.0	0.0
40	PI/2 BPSK	50	56	23.02	23.18	23.15	24.5	0.5
40	PI/2 BPSK	100	0	23.31	23.36	23.38		
40	QPSK	1	1	23.95	24.02	23.94	25.0	0.0
40	QPSK	1	53	23.67	23.76	23.74		
40	QPSK	1	104	23.54	23.69	23.60		
40	QPSK	50	0	23.09	23.20	23.15	25.0	0.0
40	QPSK	50	28	23.67	23.70	23.53		
40	QPSK	50	56	23.04	23.25	23.32		
40	QPSK	100	0	22.64	22.75	22.72	24.0	1.0
40	16QAM	1	1	22.72	22.94	22.77	24.0	1.0
40	64QAM	1	1	21.42	21.41	21.32	22.5	2.5
40	256QAM	1	1	19.14	19.32	19.26	20.5	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	23.83	23.87	23.84	25.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.92	23.91	23.95	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.83	23.93	23.88	25.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	23.80	23.84	23.85	25.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	23.96	23.82	23.75	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.08	24.17	24.15	25.0	0.0
100	PI/2 BPSK	1	137	24.06	24.16	24.19		
100	PI/2 BPSK	1	271	24.07	24.17	24.18		
100	PI/2 BPSK	135	0	23.63	23.86	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.12	24.17	24.18	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.82	23.71	24.5	0.5
100	PI/2 BPSK	270	0	23.73	23.79	23.79		
100	QPSK	1	1	24.17	24.32	24.25	25.0	0.0
100	QPSK	1	137	24.08	24.21	24.12		
100	QPSK	1	271	24.08	24.18	24.10		
100	QPSK	135	0	24.11	24.27	24.16	25.0	0.0
100	QPSK	135	69	24.03	24.28	24.13		
100	QPSK	135	138	24.12	24.26	24.10		
100	QPSK	270	0	23.22	23.35	23.31	24.0	1.0
100	16QAM	1	1	23.15	23.33	23.27	24.0	1.0
100	64QAM	1	1	21.67	21.87	21.71	22.5	2.5
100	256QAM	1	1	19.72	19.87	19.77	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.09	24.22	24.17	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.08	24.26	24.20	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.02	24.20	24.19	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.03	24.25	24.20	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.03	24.23	24.11	25.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.06	24.22	24.15	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.02	24.20	24.16	25.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.05	24.19	24.19	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.20	24.15	25.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.09	24.27	24.17	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.05	24.24	24.14	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.02	24.23	24.14	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.12	24.19	24.16	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.36	17.38	17.38	18.0	0.0
40	PI/2 BPSK	1	108	17.35	17.43	17.41		
40	PI/2 BPSK	1	214	17.38	17.45	17.40		
40	PI/2 BPSK	108	0	17.36	17.43	17.35	18.0	0.0
40	PI/2 BPSK	108	54	17.39	17.43	17.38	18.0	0.0
40	PI/2 BPSK	108	108	17.38	17.39	17.31	18.0	0.0
40	PI/2 BPSK	216	0	17.39	17.40	17.33		
40	QPSK	1	1	17.47	17.50	17.44	18.0	0.0
40	QPSK	1	108	17.40	17.39	17.40		
40	QPSK	1	214	17.41	17.38	17.37		
40	QPSK	108	0	17.35	17.40	17.31	18.0	0.0
40	QPSK	108	54	17.42	17.45	17.38	18.0	0.0
40	QPSK	108	108	17.41	17.37	17.37	18.0	0.0
40	QPSK	216	0	17.39	17.43	17.42		
40	16QAM	1	1	17.36	17.39	17.40	18.0	0.0
40	64QAM	1	1	17.37	17.37	17.35	18.0	0.0
40	256QAM	1	1	17.43	17.38	17.38	18.0	0.0
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.33	17.36	17.31	18.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.44	17.37	17.31	18.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.43	17.47	17.36	18.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.42	17.48	17.39	18.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.41	17.37	17.31	18.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.36	17.40	17.42	18.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.40	17.46	17.31	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.89	15.96	15.94	16.2	0.0
50	PI/2 BPSK	1	135	15.89	15.94	15.96		
50	PI/2 BPSK	1	268	15.86	15.95	15.89		
50	PI/2 BPSK	135	0	15.93	15.91	15.95	16.2	0.0
50	PI/2 BPSK	135	68	15.90	15.98	15.88	16.2	0.0
50	PI/2 BPSK	135	135	15.93	15.96	15.98	16.2	0.0
50	PI/2 BPSK	270	0	15.96	15.94	15.99		
50	QPSK	1	1	15.98	16.04	16.01	16.2	0.0
50	QPSK	1	135	15.86	15.98	15.94		
50	QPSK	1	268	15.94	15.99	15.91		
50	QPSK	135	0	15.90	15.92	15.93	16.2	0.0
50	QPSK	135	68	15.87	16.02	15.92	16.2	0.0
50	QPSK	135	135	15.89	16.00	15.97	16.2	0.0
50	QPSK	270	0	15.89	15.96	15.89		
50	16QAM	1	1	15.95	15.92	15.89	16.2	0.0
50	64QAM	1	1	15.93	15.95	15.95	16.2	0.0
50	256QAM	1	1	15.91	15.94	15.94	16.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.93	15.97	15.97	16.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.85	16.00	15.88	16.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.86	15.92	15.93	16.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.86	15.95	15.90	16.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.93	15.98	15.95	16.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.91	15.97	15.88	16.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.85	15.90	15.98	16.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.84	15.98	15.98	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.24	18.42	18.16	19.0	0.0
40	PI/2 BPSK	1	108	18.23	18.38	18.21		
40	PI/2 BPSK	1	214	18.28	18.31	18.17		
40	PI/2 BPSK	108	0	18.27	18.40	18.18	19.0	0.0
40	PI/2 BPSK	108	54	18.24	18.40	18.21	19.0	0.0
40	PI/2 BPSK	108	108	18.31	18.34	18.18	19.0	0.0
40	PI/2 BPSK	216	0	18.24	18.38	18.16		
40	QPSK	1	1	18.35	18.45	18.26	19.0	0.0
40	QPSK	1	108	18.24	18.34	18.12		
40	QPSK	1	214	18.24	18.40	18.17		
40	QPSK	108	0	18.29	18.35	18.22	19.0	0.0
40	QPSK	108	54	18.25	18.43	18.14	19.0	0.0
40	QPSK	108	108	18.31	18.39	18.19	19.0	0.0
40	QPSK	216	0	18.32	18.42	18.12		
40	16QAM	1	1	18.33	18.39	18.19	19.0	0.0
40	64QAM	1	1	18.22	18.32	18.24	19.0	0.0
40	256QAM	1	1	18.22	18.39	18.15	19.0	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	18.27	18.33	18.15	19.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.30	18.35	18.16	19.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.26	18.39	18.17	19.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.30	18.42	18.12	19.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.30	18.33	18.12	19.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.26	18.37	18.15	19.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.26	18.35	18.20	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	17.82	17.97	17.87	18.5	0.0
45	PI/2 BPSK	1	120	17.81	17.97	17.87		
45	PI/2 BPSK	1	240	17.82	17.91	17.85		
45	PI/2 BPSK	120	0	17.87	17.89	17.88	18.5	0.0
45	PI/2 BPSK	120	60	17.85	17.89	17.94	18.5	0.0
45	PI/2 BPSK	120	120	17.89	17.89	17.97	18.5	0.0
45	PI/2 BPSK	240	0	17.89	17.95	17.94		
45	QPSK	1	1	17.94	18.02	17.99	18.5	0.0
45	QPSK	1	120	17.90	17.91	17.86		
45	QPSK	1	240	17.85	17.88	17.86		
45	QPSK	120	0	17.86	17.98	17.86	18.5	0.0
45	QPSK	120	60	17.86	17.99	17.95	18.5	0.0
45	QPSK	120	120	17.81	17.91	17.93	18.5	0.0
45	QPSK	240	0	17.90	17.97	17.96		
45	16QAM	1	1	17.82	17.92	17.92	18.5	0.0
45	64QAM	1	1	17.81	17.95	17.92	18.5	0.0
45	256QAM	1	1	17.85	17.93	17.94	18.5	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.84	17.94	17.85	18.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.80	17.94	17.94	18.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.91	17.92	17.89	18.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.89	17.98	17.93	18.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.80	17.91	17.89	18.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.80	17.96	17.87	18.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.84	17.91	17.86	18.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.81	17.94	17.91	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	17.23	17.34	17.21	17.7	0.0
40	PI/2 BPSK	1	53	17.24	17.29	17.18		
40	PI/2 BPSK	1	104	17.20	17.31	17.24		
40	PI/2 BPSK	50	0	17.26	17.26	17.21	17.7	0.0
40	PI/2 BPSK	50	28	17.16	17.25	17.21	17.7	0.0
40	PI/2 BPSK	50	56	17.18	17.29	17.26	17.7	0.0
40	PI/2 BPSK	100	0	17.17	17.33	17.26		
40	QPSK	1	1	17.29	17.37	17.31	17.7	0.0
40	QPSK	1	53	17.22	17.34	17.22		
40	QPSK	1	104	17.22	17.24	17.20		
40	QPSK	50	0	17.26	17.29	17.21	17.7	0.0
40	QPSK	50	28	17.26	17.33	17.28		
40	QPSK	50	56	17.18	17.24	17.28		
40	QPSK	100	0	17.20	17.27	17.24	17.7	0.0
40	16QAM	1	1	17.16	17.23	17.25	17.7	0.0
40	64QAM	1	1	17.15	17.26	17.23	17.7	0.0
40	256QAM	1	1	17.25	17.26	17.29	17.7	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.24	17.27	17.22	17.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.23	17.31	17.25	17.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.22	17.25	17.27	17.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.23	17.30	17.18	17.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	17.26	17.28	17.27	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.30	16.43	16.37	16.7	0.0
100	PI/2 BPSK	1	137	16.23	16.38	16.30		
100	PI/2 BPSK	1	271	16.27	16.43	16.36		
100	PI/2 BPSK	135	0	16.23	16.35	16.33	16.7	0.0
100	PI/2 BPSK	135	69	16.23	16.45	16.38	16.7	0.0
100	PI/2 BPSK	135	138	16.23	16.40	16.33	16.7	0.0
100	PI/2 BPSK	270	0	16.33	16.37	16.28		
100	QPSK	1	1	16.34	16.56	16.38	16.7	0.0
100	QPSK	1	137	16.22	16.46	16.30		
100	QPSK	1	271	16.23	16.46	16.30		
100	QPSK	135	0	16.25	16.37	16.29	16.7	0.0
100	QPSK	135	69	16.31	16.41	16.28		
100	QPSK	135	138	16.26	16.36	16.35		
100	QPSK	270	0	16.26	16.46	16.32	16.7	0.0
100	16QAM	1	1	16.23	16.40	16.31	16.7	0.0
100	64QAM	1	1	16.26	16.43	16.30	16.7	0.0
100	256QAM	1	1	16.30	16.40	16.31	16.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.30	16.51	16.31	16.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.30	16.49	16.31	16.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.31	16.51	16.29	16.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.26	16.47	16.30	16.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.25	16.48	16.29	16.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.31	16.47	16.25	16.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.31	16.53	16.30	16.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.22	16.46	16.33	16.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.27	16.53	16.32	16.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.28	16.50	16.33	16.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.27	16.50	16.30	16.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.28	16.48	16.34	16.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.25	16.51	16.29	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.27	19.43	19.41	20.0	0.0
100	PI/2 BPSK	1	137	19.24	19.39	19.33		
100	PI/2 BPSK	1	271	19.33	19.40	19.35		
100	PI/2 BPSK	135	0	19.25	19.38	19.38	20.0	0.0
100	PI/2 BPSK	135	69	19.22	19.44	19.33	20.0	0.0
100	PI/2 BPSK	135	138	19.25	19.38	19.29	20.0	0.0
100	PI/2 BPSK	270	0	19.27	19.37	19.23		
100	QPSK	1	1	19.39	19.54	19.40	20.0	0.0
100	QPSK	1	137	19.26	19.50	19.25		
100	QPSK	1	271	19.17	19.43	19.35		
100	QPSK	135	0	19.27	19.33	19.35	20.0	0.0
100	QPSK	135	69	19.27	19.45	19.31		
100	QPSK	135	138	19.31	19.32	19.34		
100	QPSK	270	0	19.26	19.42	19.37	20.0	0.0
100	16QAM	1	1	19.24	19.45	19.27	20.0	0.0
100	64QAM	1	1	19.26	19.41	19.34	20.0	0.0
100	256QAM	1	1	19.27	19.38	19.30	20.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.34	19.48	19.31	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.32	19.50	19.35	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.36	19.48	19.33	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.34	19.47	19.34	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.34	19.50	19.31	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.34	19.44	19.32	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.36	19.51	19.37	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.37	19.40	19.30	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.34	19.46	19.31	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.31	19.46	19.34	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.36	19.51	19.30	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.36	19.46	19.31	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.30	19.52	19.31	20.0	0.0

FR1 n48 Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.65	15.61	15.71	16.5	0.0
40	PI/2 BPSK	1	53	15.67	15.71	15.62		
40	PI/2 BPSK	1	104	15.68	15.61	15.69		
40	PI/2 BPSK	50	0	15.63	15.63	15.59	16.5	0.0
40	PI/2 BPSK	50	28	15.63	15.63	15.60	16.5	0.0
40	PI/2 BPSK	50	56	15.62	15.68	15.70	16.5	0.0
40	PI/2 BPSK	100	0	15.69	15.61	15.69		
40	QPSK	1	1	15.67	15.79	15.63	16.5	0.0
40	QPSK	1	53	15.66	15.66	15.70		
40	QPSK	1	104	15.61	15.68	15.66		
40	QPSK	50	0	15.60	15.66	15.65	16.5	0.0
40	QPSK	50	28	15.64	15.71	15.65		
40	QPSK	50	56	15.67	15.61	15.65		
40	QPSK	100	0	15.64	15.69	15.67	16.5	0.0
40	16QAM	1	1	15.60	15.70	15.62	16.5	0.0
40	64QAM	1	1	15.68	15.61	15.71	16.5	0.0
40	256QAM	1	1	15.70	15.68	15.64	16.5	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.60	15.69	15.55	16.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.61	15.72	15.55	16.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.58	15.73	15.53	16.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.60	15.70	15.53	16.5	0.0

PC3 FR1 n77 PartO Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.72	14.74	14.67	15.2	0.0
100	PI/2 BPSK	1	137	14.74	14.77	14.64		
100	PI/2 BPSK	1	271	14.79	14.74	14.72		
100	PI/2 BPSK	135	0	14.77	14.81	14.64	15.2	0.0
100	PI/2 BPSK	135	69	14.69	14.74	14.68	15.2	0.0
100	PI/2 BPSK	135	138	14.74	14.83	14.63	15.2	0.0
100	PI/2 BPSK	270	0	14.71	14.76	14.64		
100	QPSK	1	1	14.71	14.85	14.69	15.2	0.0
100	QPSK	1	137	14.72	14.75	14.62		
100	QPSK	1	271	14.72	14.74	14.68		
100	QPSK	135	0	14.77	14.73	14.67	15.2	0.0
100	QPSK	135	69	14.70	14.79	14.71		
100	QPSK	135	138	14.78	14.76	14.66		
100	QPSK	270	0	14.71	14.75	14.65	15.2	0.0
100	16QAM	1	1	14.79	14.84	14.62	15.2	0.0
100	64QAM	1	1	14.80	14.81	14.70	15.2	0.0
100	256QAM	1	1	14.70	14.76	14.67	15.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.58	14.72	14.62	15.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.61	14.68	14.53	15.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.64	14.73	14.59	15.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.60	14.75	14.51	15.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.66	14.63	14.60	15.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.59	14.63	14.56	15.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.68	14.70	14.54	15.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.68	14.68	14.58	15.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.62	14.65	14.62	15.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.65	14.73	14.62	15.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.68	14.68	14.62	15.2	0.0

PC2 FR1 n77 PartO Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.50	17.63	17.57	18.5	0.0
100	PI/2 BPSK	1	137	17.50	17.67	17.63		
100	PI/2 BPSK	1	271	17.49	17.69	17.61		
100	PI/2 BPSK	135	0	17.55	17.63	17.54	18.5	0.0
100	PI/2 BPSK	135	69	17.61	17.61	17.54	18.5	0.0
100	PI/2 BPSK	135	138	17.57	17.69	17.57	18.5	0.0
100	PI/2 BPSK	270	0	17.60	17.60	17.62		
100	QPSK	1	1	17.63	17.72	17.67	18.5	0.0
100	QPSK	1	137	17.51	17.65	17.59		
100	QPSK	1	271	17.59	17.66	17.65		
100	QPSK	135	0	17.55	17.62	17.63	18.5	0.0
100	QPSK	135	69	17.57	17.67	17.56		
100	QPSK	135	138	17.50	17.62	17.62		
100	QPSK	270	0	17.55	17.65	17.63	18.5	0.0
100	16QAM	1	1	17.60	17.60	17.55	18.5	0.0
100	64QAM	1	1	17.50	17.62	17.55	18.5	0.0
100	256QAM	1	1	17.55	17.58	17.56	18.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.56	17.64	17.61	18.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.55	17.66	17.64	18.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.55	17.58	17.62	18.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.52	17.67	17.61	18.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.57	17.58	17.62	18.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.59	17.58	18.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.54	17.60	17.61	18.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.50	17.69	17.57	18.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.56	17.62	17.59	18.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.61	17.69	17.63	18.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.60	17.68	17.63	18.5	0.0

PC3 FR1 n77 PartQ Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.03		15.2	0.0
100	PI/2 BPSK	1	137		15.13			
100	PI/2 BPSK	1	271		15.11			
100	PI/2 BPSK	135	0		15.08		15.2	0.0
100	PI/2 BPSK	135	69		15.09		15.2	0.0
100	PI/2 BPSK	135	138		15.02		15.2	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.15		15.2	0.0
100	QPSK	1	137		15.01			
100	QPSK	1	271		15.05			
100	QPSK	135	0		15.07		15.2	0.0
100	QPSK	135	69		15.05			
100	QPSK	135	138		15.03			
100	QPSK	270	0		15.01		15.2	0.0
100	16QAM	1	1		15.10		15.2	0.0
100	64QAM	1	1		15.06		15.2	0.0
100	256QAM	1	1		15.02		15.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.97	14.93	15.05	15.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.01	15.05	14.95	15.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.95	15.04	14.93	15.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.96	15.04	15.04	15.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.05	14.94	14.98	15.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.01	14.94	14.97	15.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.03	14.99	15.04	15.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.02	15.03	14.95	15.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.99	14.99	15.00	15.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.03	15.00	14.99	15.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.00	15.01	15.01	15.2	0.0

PC2 FR1 n77 PartQ Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.98		18.5	0.0
100	PI/2 BPSK	1	137		17.96			
100	PI/2 BPSK	1	271		18.01			
100	PI/2 BPSK	135	0		18.02		18.5	0.0
100	PI/2 BPSK	135	69		18.02		18.5	0.0
100	PI/2 BPSK	135	138		17.96		18.5	0.0
100	PI/2 BPSK	270	0		17.96			
100	QPSK	1	1		18.05		18.5	0.0
100	QPSK	1	137		18.02			
100	QPSK	1	271		18.02			
100	QPSK	135	0		18.02		18.5	0.0
100	QPSK	135	69		18.04			
100	QPSK	135	138		18.01			
100	QPSK	270	0		17.97		18.5	0.0
100	16QAM	1	1		17.99		18.5	0.0
100	64QAM	1	1		18.04		18.5	0.0
100	256QAM	1	1		18.00		18.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.89	17.98	17.96	18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.99	17.98	17.99	18.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.99	17.96	17.94	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.92	17.93	17.89	18.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.93	18.00	17.95	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.92	17.92	17.94	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.98	17.94	18.00	18.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.92	17.94	17.91	18.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.92	17.90	18.00	18.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.99	17.93	17.94	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.94	17.97	17.94	18.5	0.0

PC3 FR1 n78 PartO Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.76		15.2	0.0
100	PI/2 BPSK	1	137		14.69			
100	PI/2 BPSK	1	271		14.77			
100	PI/2 BPSK	135	0		14.77		15.2	0.0
100	PI/2 BPSK	135	69		14.79		15.2	0.0
100	PI/2 BPSK	135	138		14.69		15.2	0.0
100	PI/2 BPSK	270	0		14.72			
100	QPSK	1	1		14.85		15.2	0.0
100	QPSK	1	137		14.75			
100	QPSK	1	271		14.80			
100	QPSK	135	0		14.70		15.2	0.0
100	QPSK	135	69		14.74			
100	QPSK	135	138		14.69			
100	QPSK	270	0		14.72		15.2	0.0
100	16QAM	1	1		14.69		15.2	0.0
100	64QAM	1	1		14.74		15.2	0.0
100	256QAM	1	1		14.71		15.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.62	14.55	14.65	15.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.56	14.60	14.65	15.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.59	14.57	14.58	15.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.57	14.62	14.61	15.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.60	14.60	14.63	15.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.60	14.60	14.60	15.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	14.61	14.66	14.57	15.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	14.64	14.65	14.65	15.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.61	14.67	14.66	15.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.65	14.61	14.61	15.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.60	14.58	14.55	15.2	0.0

PC2 FR1 n78 PartO Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.76		18.5	0.0
100	PI/2 BPSK	1	137		17.78			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.82		18.5	0.0
100	PI/2 BPSK	135	69		17.82		18.5	0.0
100	PI/2 BPSK	135	138		17.74		18.5	0.0
100	PI/2 BPSK	270	0		17.82			
100	QPSK	1	1		17.85		18.5	0.0
100	QPSK	1	137		17.78			
100	QPSK	1	271		17.73			
100	QPSK	135	0		17.79		18.5	0.0
100	QPSK	135	69		17.81			
100	QPSK	135	138		17.76			
100	QPSK	270	0		17.74		18.5	0.0
100	16QAM	1	1		17.77		18.5	0.0
100	64QAM	1	1		17.73		18.5	0.0
100	256QAM	1	1		17.78		18.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.63	17.63	17.65	18.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.67	17.66	17.60	18.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.63	17.60	18.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.67	17.62	17.60	18.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.60	17.66	17.60	18.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.64	17.69	17.62	18.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	17.63	17.69	17.70	18.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	17.62	17.64	17.62	18.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.64	17.69	17.67	18.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.62	17.63	17.67	18.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.61	17.64	17.62	18.5	0.0

PC3 FR1 n78 PartQ Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.86		15.2	0.0
100	PI/2 BPSK	1	137		14.97			
100	PI/2 BPSK	1	271		14.90			
100	PI/2 BPSK	135	0		14.93		15.2	0.0
100	PI/2 BPSK	135	69		14.89		15.2	0.0
100	PI/2 BPSK	135	138		14.96		15.2	0.0
100	PI/2 BPSK	270	0		14.85			
100	QPSK	1	1		14.98		15.2	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.86			
100	QPSK	135	0		14.85		15.2	0.0
100	QPSK	135	69		14.91			
100	QPSK	135	138		14.90			
100	QPSK	270	0		14.94		15.2	0.0
100	16QAM	1	1		14.96		15.2	0.0
100	64QAM	1	1		14.91		15.2	0.0
100	256QAM	1	1		14.90		15.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.82	14.76	14.77	15.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.84	14.84	14.85	15.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.78	14.83	14.85	15.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.77	14.74	14.81	15.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.78	14.84	14.83	15.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.79	14.78	14.76	15.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.78	14.80	14.84	15.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.76	14.79	14.83	15.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.82	14.82	14.74	15.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.80	14.77	14.85	15.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.79	14.74	14.76	15.2	0.0

PC2 FR1 n78 PartQ Ant4 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.89		18.5	0.0
100	PI/2 BPSK	1	137		17.90			
100	PI/2 BPSK	1	271		17.93			
100	PI/2 BPSK	135	0		17.89		18.5	0.0
100	PI/2 BPSK	135	69		17.89		18.5	0.0
100	PI/2 BPSK	135	138		18.00		18.5	0.0
100	PI/2 BPSK	270	0		17.98			
100	QPSK	1	1		18.05		18.5	0.0
100	QPSK	1	137		17.99			
100	QPSK	1	271		17.94			
100	QPSK	135	0		17.98		18.5	0.0
100	QPSK	135	69		18.01			
100	QPSK	135	138		17.97			
100	QPSK	270	0		17.92		18.5	0.0
100	16QAM	1	1		17.89		18.5	0.0
100	64QAM	1	1		17.98		18.5	0.0
100	256QAM	1	1		17.98		18.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.79	17.82	17.79	18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.83	17.80	17.77	18.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.78	17.77	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.82	17.87	17.86	18.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.81	17.82	17.79	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.86	17.79	17.81	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.81	17.83	17.79	18.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.78	17.79	17.86	18.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.77	17.81	17.80	18.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.79	17.81	17.79	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.84	17.80	17.88	18.5	0.0

FR1 n2 Ant5 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.07	18.11	18.13	18.8	0.0
40	PI/2 BPSK	1	108	18.12	18.15	18.13		
40	PI/2 BPSK	1	214	18.16	18.12	18.14		
40	PI/2 BPSK	108	0	18.11	18.19	18.08	18.8	0.0
40	PI/2 BPSK	108	54	18.14	18.22	18.13	18.8	0.0
40	PI/2 BPSK	108	108	18.15	18.14	18.15	18.8	0.0
40	PI/2 BPSK	216	0	18.11	18.16	18.14		
40	QPSK	1	1	18.14	18.25	18.18	18.8	0.0
40	QPSK	1	108	18.17	18.18	18.12		
40	QPSK	1	214	18.15	18.13	18.17		
40	QPSK	108	0	18.12	18.20	18.15	18.8	0.0
40	QPSK	108	54	18.06	18.21	18.09	18.8	0.0
40	QPSK	108	108	18.07	18.12	18.12	18.8	0.0
40	QPSK	216	0	18.05	18.18	18.08		
40	16QAM	1	1	18.17	18.18	18.19	18.8	0.0
40	64QAM	1	1	18.07	18.12	18.14	18.8	0.0
40	256QAM	1	1	18.13	18.14	18.19	18.8	0.0
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.99	18.07	18.08	18.8	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.99	18.01	18.08	18.8	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.04	18.03	18.07	18.8	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.98	18.05	18.05	18.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.07	18.03	18.12	18.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.00	18.02	18.10	18.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.01	18.04	18.11	18.8	0.0

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FR1 n7 Ant5 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.42	20.59	20.63	21.1	0.0
50	PI/2 BPSK	1	135	20.42	20.68	20.62		
50	PI/2 BPSK	1	268	20.50	20.56	20.57		
50	PI/2 BPSK	135	0	20.40	20.63	20.61	21.1	0.0
50	PI/2 BPSK	135	68	20.38	20.55	20.57	21.1	0.0
50	PI/2 BPSK	135	135	20.49	20.64	20.58	21.1	0.0
50	PI/2 BPSK	270	0	20.42	20.65	20.54		
50	QPSK	1	1	20.42	20.72	20.53	21.1	0.0
50	QPSK	1	135	20.54	20.58	20.62		
50	QPSK	1	268	20.44	20.62	20.66		
50	QPSK	135	0	20.42	20.55	20.63	21.1	0.0
50	QPSK	135	68	20.41	20.68	20.63	21.1	0.0
50	QPSK	135	135	20.53	20.65	20.63	21.1	0.0
50	QPSK	270	0	20.44	20.66	20.63		
50	16QAM	1	1	20.40	20.62	20.56	21.1	0.0
50	64QAM	1	1	20.49	20.63	20.55	21.1	0.0
50	256QAM	1	1	20.55	20.48	20.45	21.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.37	20.68	20.47	21.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.33	20.68	20.45	21.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.31	20.71	20.50	21.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.40	20.65	20.46	21.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.32	20.66	20.47	21.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.40	20.69	20.47	21.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.31	20.64	20.42	21.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.31	20.66	20.44	21.1	0.0

FR1 n25 Ant5 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.23	16.33	16.30	16.8	0.0
40	PI/2 BPSK	1	108	16.27	16.40	16.29		
40	PI/2 BPSK	1	214	16.25	16.30	16.28		
40	PI/2 BPSK	108	0	16.20	16.35	16.26	16.8	0.0
40	PI/2 BPSK	108	54	16.23	16.35	16.33	16.8	0.0
40	PI/2 BPSK	108	108	16.25	16.34	16.35	16.8	0.0
40	PI/2 BPSK	216	0	16.24	16.29	16.37		
40	QPSK	1	1	16.22	16.41	16.31	16.8	0.0
40	QPSK	1	108	16.24	16.34	16.34		
40	QPSK	1	214	16.31	16.34	16.29		
40	QPSK	108	0	16.19	16.30	16.26	16.8	0.0
40	QPSK	108	54	16.29	16.38	16.31	16.8	0.0
40	QPSK	108	108	16.31	16.33	16.26	16.8	0.0
40	QPSK	216	0	16.30	16.36	16.35		
40	16QAM	1	1	16.30	16.28	16.35	16.8	0.0
40	64QAM	1	1	16.22	16.38	16.32	16.8	0.0
40	256QAM	1	1	16.22	16.33	16.33	16.8	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	16.17	16.17	16.18	16.8	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.12	16.28	16.23	16.8	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.17	16.17	16.17	16.8	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.17	16.19	16.17	16.8	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.11	16.26	16.20	16.8	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.13	16.25	16.20	16.8	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.12	16.24	16.27	16.8	0.0

FR1 n66 Ant5 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.85	19.08	18.99	19.9	0.0
45	PI/2 BPSK	1	120	18.87	19.13	19.01		
45	PI/2 BPSK	1	240	18.95	19.08	18.99		
45	PI/2 BPSK	120	0	18.88	19.11	18.99	19.9	0.0
45	PI/2 BPSK	120	60	18.93	19.03	18.98	19.9	0.0
45	PI/2 BPSK	120	120	18.85	19.04	19.03	19.9	0.0
45	PI/2 BPSK	240	0	18.93	19.11	18.99		
45	QPSK	1	1	18.86	19.16	18.99	19.9	0.0
45	QPSK	1	120	18.91	19.05	18.94		
45	QPSK	1	240	18.85	19.06	19.01		
45	QPSK	120	0	18.94	19.10	18.98	19.9	0.0
45	QPSK	120	60	18.93	19.11	18.99	19.9	0.0
45	QPSK	120	120	18.89	19.08	19.02	19.9	0.0
45	QPSK	240	0	18.85	19.11	18.97		
45	16QAM	1	1	18.83	19.02	18.93	19.9	0.0
45	64QAM	1	1	18.84	19.02	19.03	19.9	0.0
45	256QAM	1	1	18.87	19.12	18.96	19.9	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.81	19.00	18.88	19.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.77	19.06	18.92	19.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.72	19.09	18.84	19.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.80	19.09	18.89	19.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.78	19.02	18.84	19.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.71	19.06	18.91	19.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.74	19.07	18.90	19.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.76	19.04	18.92	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.87	20.02	19.92	21.0	0.0
40	PI/2 BPSK	1	53	19.85	19.92	20.00		
40	PI/2 BPSK	1	104	19.89	20.05	19.91		
40	PI/2 BPSK	50	0	19.85	20.04	19.94	21.0	0.0
40	PI/2 BPSK	50	28	19.85	20.01	20.00	21.0	0.0
40	PI/2 BPSK	50	56	19.94	20.00	19.90	21.0	0.0
40	PI/2 BPSK	100	0	19.89	20.02	19.96		
40	QPSK	1	1	19.85	20.06	19.90	21.0	0.0
40	QPSK	1	53	19.82	20.01	19.94		
40	QPSK	1	104	19.83	20.04	19.96		
40	QPSK	50	0	19.87	19.95	19.99	21.0	0.0
40	QPSK	50	28	19.91	20.03	19.99		
40	QPSK	50	56	19.87	19.98	19.92		
40	QPSK	100	0	19.89	20.02	19.89	21.0	0.0
40	16QAM	1	1	19.95	19.99	19.93	21.0	0.0
40	64QAM	1	1	19.96	19.97	19.95	21.0	0.0
40	256QAM	1	1	19.88	19.76	19.79	21.0	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.76	20.01	19.87	21.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.77	20.01	19.82	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.80	20.03	19.82	21.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.76	19.98	19.81	21.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.80	19.96	19.85	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.67	19.78	19.63	20.7	0.0
100	PI/2 BPSK	1	137	19.74	19.68	19.49		
100	PI/2 BPSK	1	271	19.60	19.59	19.44		
100	PI/2 BPSK	135	0	19.67	19.77	19.66	20.7	0.0
100	PI/2 BPSK	135	69	19.68	19.80	19.64	20.7	0.0
100	PI/2 BPSK	135	138	19.73	19.69	19.49	20.7	0.0
100	PI/2 BPSK	270	0	19.57	19.60	19.40		
100	QPSK	1	1	19.76	19.82	19.73	20.7	0.0
100	QPSK	1	137	19.79	19.75	19.57		
100	QPSK	1	271	19.64	19.69	19.46		
100	QPSK	135	0	19.64	19.78	19.62	20.7	0.0
100	QPSK	135	69	19.67	19.80	19.76		
100	QPSK	135	138	19.75	19.67	19.64		
100	QPSK	270	0	19.73	19.79	19.68	20.7	0.0
100	16QAM	1	1	19.75	19.69	19.54	20.7	0.0
100	64QAM	1	1	19.60	19.65	19.39	20.7	0.0
100	256QAM	1	1	19.72	19.78	19.71	20.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.71	19.79	19.68	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.66	19.74	19.70	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.73	19.80	19.71	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.70	19.78	19.65	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.72	19.78	19.69	20.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.61	19.63	19.60	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.73	19.73	19.65	20.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.66	19.69	19.61	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.71	19.78	19.65	20.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.69	19.80	19.66	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.72	19.75	19.67	20.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.71	19.74	19.63	20.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.74	19.75	19.70	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.63	22.80	22.64	23.7	0.0
100	PI/2 BPSK	1	137	22.77	22.65	22.49		
100	PI/2 BPSK	1	271	22.63	22.59	22.41		
100	PI/2 BPSK	135	0	22.66	22.74	22.67	23.7	0.0
100	PI/2 BPSK	135	69	22.67	22.78	22.63	23.7	0.0
100	PI/2 BPSK	135	138	22.73	22.69	22.49	23.7	0.0
100	PI/2 BPSK	270	0	22.60	22.59	22.37		
100	QPSK	1	1	22.74	22.84	22.74	23.7	0.0
100	QPSK	1	137	22.78	22.75	22.55		
100	QPSK	1	271	22.65	22.71	22.44		
100	QPSK	135	0	22.65	22.80	22.62	23.7	0.0
100	QPSK	135	69	22.64	22.81	22.75		
100	QPSK	135	138	22.74	22.64	22.68		
100	QPSK	270	0	22.69	22.82	22.67	23.7	0.0
100	16QAM	1	1	22.74	22.69	22.51	23.7	0.0
100	64QAM	1	1	22.57	22.67	22.35	23.7	0.0
100	256QAM	1	1	21.22	21.18	21.07	22.2	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.66	22.79	22.71	23.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.76	22.64	23.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.67	22.80	22.67	23.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.69	22.74	22.69	23.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.75	22.70	23.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.62	22.66	22.69	23.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.70	22.78	22.64	23.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.65	22.61	22.65	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.66	22.80	22.64	23.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.71	22.81	22.71	23.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.71	22.81	22.66	23.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.75	22.65	23.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.71	22.74	22.65	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.76	15.90	15.78	17.0	0.0
40	PI/2 BPSK	1	53	15.72	15.82	15.78		
40	PI/2 BPSK	1	104	15.74	15.84	15.82		
40	PI/2 BPSK	50	0	15.83	15.89	15.80	17.0	0.0
40	PI/2 BPSK	50	28	15.76	15.88	15.77	17.0	0.0
40	PI/2 BPSK	50	56	15.81	15.87	15.74	17.0	0.0
40	PI/2 BPSK	100	0	15.83	15.87	15.82		
40	QPSK	1	1	15.83	15.95	15.79	17.0	0.0
40	QPSK	1	53	15.80	15.88	15.75		
40	QPSK	1	104	15.76	15.89	15.78		
40	QPSK	50	0	15.77	15.88	15.80	17.0	0.0
40	QPSK	50	28	15.79	15.91	15.77		
40	QPSK	50	56	15.81	15.90	15.79		
40	QPSK	100	0	15.79	15.90	15.80	17.0	0.0
40	16QAM	1	1	15.76	15.87	15.83	17.0	0.0
40	64QAM	1	1	15.79	15.87	15.77	17.0	0.0
40	256QAM	1	1	15.79	15.82	15.74	17.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.72	15.73	15.70	17.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.68	15.75	15.73	17.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.70	15.75	15.68	17.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.72	15.70	15.70	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.98	16.03	15.92	17.0	0.0
100	PI/2 BPSK	1	137	16.00	16.02	15.94		
100	PI/2 BPSK	1	271	15.91	16.09	15.95		
100	PI/2 BPSK	135	0	15.90	16.01	15.99	17.0	0.0
100	PI/2 BPSK	135	69	15.95	16.00	15.97	17.0	0.0
100	PI/2 BPSK	135	138	15.88	16.06	15.96	17.0	0.0
100	PI/2 BPSK	270	0	15.92	16.09	15.93		
100	QPSK	1	1	15.94	16.12	15.92	17.0	0.0
100	QPSK	1	137	15.98	15.99	15.90		
100	QPSK	1	271	15.96	16.01	15.98		
100	QPSK	135	0	15.90	16.02	15.93	17.0	0.0
100	QPSK	135	69	15.96	16.09	15.93		
100	QPSK	135	138	15.93	16.08	15.89		
100	QPSK	270	0	15.90	16.03	15.96	17.0	0.0
100	16QAM	1	1	15.96	16.06	15.97	17.0	0.0
100	64QAM	1	1	15.90	16.11	15.91	17.0	0.0
100	256QAM	1	1	15.90	16.05	15.88	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.82	15.94	15.85	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.85	15.92	15.78	17.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.84	15.92	15.81	17.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.90	15.92	15.82	17.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.83	15.92	15.80	17.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.79	15.92	15.88	17.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.89	15.94	15.88	17.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.82	15.98	15.87	17.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.78	15.96	15.81	17.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.86	15.96	15.87	17.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.82	16.00	15.83	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.95	18.98	18.95	20.5	0.0
100	PI/2 BPSK	1	137	18.95	18.98	18.94		
100	PI/2 BPSK	1	271	18.87	19.09	18.95		
100	PI/2 BPSK	135	0	18.91	18.99	19.00	20.5	0.0
100	PI/2 BPSK	135	69	18.97	18.97	18.92	20.5	0.0
100	PI/2 BPSK	135	138	18.88	19.09	19.00	20.5	0.0
100	PI/2 BPSK	270	0	18.88	19.11	18.90		
100	QPSK	1	1	18.94	19.15	18.92	20.5	0.0
100	QPSK	1	137	18.96	18.99	18.86		
100	QPSK	1	271	19.00	18.97	18.93		
100	QPSK	135	0	18.86	19.06	18.87	20.5	0.0
100	QPSK	135	69	18.95	19.10	18.95		
100	QPSK	135	138	18.99	19.02	18.91		
100	QPSK	270	0	18.86	19.03	18.96	20.5	0.0
100	16QAM	1	1	18.91	19.07	18.98	20.5	0.0
100	64QAM	1	1	18.95	19.15	18.85	20.5	0.0
100	256QAM	1	1	18.89	19.08	18.92	20.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.84	19.09	18.84	20.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.82	19.10	18.84	20.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.80	19.02	18.78	20.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.91	19.08	18.88	20.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.89	19.07	18.85	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.81	19.11	18.84	20.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.83	19.01	18.79	20.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.87	19.09	18.78	20.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.80	19.05	18.86	20.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.80	19.10	18.84	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.88	19.06	18.89	20.5	0.0

PC3 FR1 n77 PartQ Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.48		17.0	0.0
100	PI/2 BPSK	1	137		16.45			
100	PI/2 BPSK	1	271		16.53			
100	PI/2 BPSK	135	0		16.45		17.0	0.0
100	PI/2 BPSK	135	69		16.54		17.0	0.0
100	PI/2 BPSK	135	138		16.44		17.0	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.56		17.0	0.0
100	QPSK	1	137		16.43			
100	QPSK	1	271		16.52			
100	QPSK	135	0		16.49		17.0	0.0
100	QPSK	135	69		16.53			
100	QPSK	135	138		16.52			
100	QPSK	270	0		16.47		17.0	0.0
100	16QAM	1	1		16.50		17.0	0.0
100	64QAM	1	1		16.45		17.0	0.0
100	256QAM	1	1		16.53		17.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.43	16.47	16.40	17.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.44	16.45	16.43	17.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.49	16.50	16.47	17.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.39	16.41	16.45	17.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.47	16.39	16.47	17.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.42	16.47	16.48	17.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.47	16.38	16.48	17.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.40	16.39	16.43	17.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.49	16.44	16.50	17.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.47	16.48	16.45	17.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.46	16.42	16.40	17.0	0.0

PC2 FR1 n77 PartQ Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.44		20.5	0.0
100	PI/2 BPSK	1	137		19.48			
100	PI/2 BPSK	1	271		19.54			
100	PI/2 BPSK	135	0		19.39		20.5	0.0
100	PI/2 BPSK	135	69		19.59		20.5	0.0
100	PI/2 BPSK	135	138		19.43		20.5	0.0
100	PI/2 BPSK	270	0		19.42			
100	QPSK	1	1		19.61		20.5	0.0
100	QPSK	1	137		19.38			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.47		20.5	0.0
100	QPSK	135	69		19.56			
100	QPSK	135	138		19.53			
100	QPSK	270	0		19.51		20.5	0.0
100	16QAM	1	1		19.45		20.5	0.0
100	64QAM	1	1		19.46		20.5	0.0
100	256QAM	1	1		19.53		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.46	19.47	19.51	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.50	19.45	19.46	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.53	19.54	19.55	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.42	19.40	19.48	20.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.43	19.42	19.46	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.45	19.50	19.40	20.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.40	19.42	19.50	20.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.42	19.43	19.49	20.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.48	19.45	19.42	20.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.43	19.44	19.39	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.39	19.40	19.44	20.5	0.0

PC3 FR1 n78 PartO Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.60		17.5	0.0
100	PI/2 BPSK	1	137		16.64			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.64		17.5	0.0
100	PI/2 BPSK	135	69		16.54		17.5	0.0
100	PI/2 BPSK	135	138		16.56		17.5	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.71		17.5	0.0
100	QPSK	1	137		16.54			
100	QPSK	1	271		16.65			
100	QPSK	135	0		16.56		17.5	0.0
100	QPSK	135	69		16.65			
100	QPSK	135	138		16.63			
100	QPSK	270	0		16.60		17.5	0.0
100	16QAM	1	1		16.62		17.5	0.0
100	64QAM	1	1		16.62		17.5	0.0
100	256QAM	1	1		16.54		17.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.47	16.55	16.48	17.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.46	16.49	16.48	17.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.54	16.48	16.54	17.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.52	16.46	16.47	17.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.49	16.52	16.47	17.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.52	16.53	16.56	17.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.49	16.49	16.54	17.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.56	16.47	16.53	17.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.48	16.45	16.52	17.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.55	16.45	16.54	17.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.55	16.48	16.54	17.5	0.0

PC2 FR1 n78 PartO Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.65		21.0	0.0
100	PI/2 BPSK	1	137		19.59			
100	PI/2 BPSK	1	271		19.59			
100	PI/2 BPSK	135	0		19.63		21.0	0.0
100	PI/2 BPSK	135	69		19.58		21.0	0.0
100	PI/2 BPSK	135	138		19.58		21.0	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.69		21.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.67			
100	QPSK	135	0		19.59		21.0	0.0
100	QPSK	135	69		19.66			
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.63		21.0	0.0
100	16QAM	1	1		19.64		21.0	0.0
100	64QAM	1	1		19.67		21.0	0.0
100	256QAM	1	1		19.49		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.64	19.57	19.54	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.55	19.61	19.55	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.54	19.60	19.54	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.56	19.61	19.56	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.55	19.55	19.58	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.64	19.56	19.58	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.55	19.55	19.62	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.60	19.58	19.56	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.63	19.52	19.61	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.60	19.58	19.55	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.55	19.54	19.53	21.0	0.0

PC3 FR1 n78 PartQ Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.71		17.5	0.0
100	PI/2 BPSK	1	137		16.64			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.63		17.5	0.0
100	PI/2 BPSK	135	69		16.69		17.5	0.0
100	PI/2 BPSK	135	138		16.71		17.5	0.0
100	PI/2 BPSK	270	0		16.68			
100	QPSK	1	1		16.73		17.5	0.0
100	QPSK	1	137		16.69			
100	QPSK	1	271		16.60			
100	QPSK	135	0		16.64		17.5	0.0
100	QPSK	135	69		16.66			
100	QPSK	135	138		16.65			
100	QPSK	270	0		16.66		17.5	0.0
100	16QAM	1	1		16.61		17.5	0.0
100	64QAM	1	1		16.60		17.5	0.0
100	256QAM	1	1		16.65		17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.47	16.56	16.53	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.46	16.52	16.47	17.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.53	16.45	16.45	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.53	16.55	16.49	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.51	16.48	16.47	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.47	16.56	16.53	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.46	16.53	16.56	17.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.49	16.49	16.48	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.49	16.47	16.52	17.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.52	16.44	16.53	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.55	16.50	16.51	17.5	0.0

PC2 FR1 n78 PartQ Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.76		21.0	0.0
100	PI/2 BPSK	1	137		19.58			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.61		21.0	0.0
100	PI/2 BPSK	135	69		19.72		21.0	0.0
100	PI/2 BPSK	135	138		19.67		21.0	0.0
100	PI/2 BPSK	270	0		19.69			
100	QPSK	1	1		19.77		21.0	0.0
100	QPSK	1	137		19.68			
100	QPSK	1	271		19.56			
100	QPSK	135	0		19.61		21.0	0.0
100	QPSK	135	69		19.68			
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.71		21.0	0.0
100	16QAM	1	1		19.63		21.0	0.0
100	64QAM	1	1		19.58		21.0	0.0
100	256QAM	1	1		19.68		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.63	19.67	19.65	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.68	19.69	19.61	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.62	19.68	19.70	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.68	19.67	19.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.63	19.66	19.62	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.69	19.70	19.65	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.66	19.72	19.71	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.62	19.64	19.61	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.64	19.73	19.65	21.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.69	19.62	19.64	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.70	19.72	19.68	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.30	15.41	15.41	16.1	0.0
50	PI/2 BPSK	1	135	15.29	15.40	15.45		
50	PI/2 BPSK	1	268	15.39	15.43	15.42		
50	PI/2 BPSK	135	0	15.36	15.47	15.44	16.1	0.0
50	PI/2 BPSK	135	68	15.27	15.37	15.36	16.1	0.0
50	PI/2 BPSK	135	135	15.31	15.42	15.37	16.1	0.0
50	PI/2 BPSK	270	0	15.29	15.37	15.38		
50	QPSK	1	1	15.34	15.49	15.40	16.1	0.0
50	QPSK	1	135	15.31	15.46	15.40		
50	QPSK	1	268	15.28	15.40	15.38		
50	QPSK	135	0	15.29	15.37	15.45	16.1	0.0
50	QPSK	135	68	15.34	15.47	15.41	16.1	0.0
50	QPSK	135	135	15.28	15.46	15.40	16.1	0.0
50	QPSK	270	0	15.37	15.44	15.38		
50	16QAM	1	1	15.33	15.40	15.41	16.1	0.0
50	64QAM	1	1	15.32	15.43	15.45	16.1	0.0
50	256QAM	1	1	15.36	15.45	15.37	16.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.20	15.29	15.34	16.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.29	15.30	15.30	16.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.18	15.31	15.31	16.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.27	15.34	15.32	16.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.21	15.29	15.29	16.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.28	15.30	15.35	16.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.23	15.36	15.34	16.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.27	15.29	15.32	16.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	17.03	17.12	16.96	17.9	0.0
45	PI/2 BPSK	1	120	17.10	17.13	16.95		
45	PI/2 BPSK	1	240	17.01	17.05	17.05		
45	PI/2 BPSK	120	0	17.09	17.13	17.03	17.9	0.0
45	PI/2 BPSK	120	60	17.07	17.03	16.96	17.9	0.0
45	PI/2 BPSK	120	120	17.06	17.07	17.04	17.9	0.0
45	PI/2 BPSK	240	0	17.10	17.06	17.04		
45	QPSK	1	1	17.06	17.15	17.00	17.9	0.0
45	QPSK	1	120	17.06	17.05	17.04		
45	QPSK	1	240	17.08	17.08	17.02		
45	QPSK	120	0	16.99	17.07	17.00	17.9	0.0
45	QPSK	120	60	17.01	17.12	16.96	17.9	0.0
45	QPSK	120	120	17.09	17.03	16.97	17.9	0.0
45	QPSK	240	0	17.10	17.11	16.95		
45	16QAM	1	1	17.00	17.13	17.01	17.9	0.0
45	64QAM	1	1	17.11	17.04	17.00	17.9	0.0
45	256QAM	1	1	17.05	17.07	16.99	17.9	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.93	16.98	16.96	17.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.98	17.02	16.88	17.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.95	16.98	16.94	17.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.00	16.94	16.95	17.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.02	16.99	16.91	17.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.92	16.94	16.94	17.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.96	17.01	16.96	17.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.94	16.95	16.94	17.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	14.41	14.49	14.54	15.8	0.0
40	PI/2 BPSK	1	53	14.39	14.51	14.44		
40	PI/2 BPSK	1	104	14.39	14.57	14.54		
40	PI/2 BPSK	50	0	14.48	14.51	14.51	15.8	0.0
40	PI/2 BPSK	50	28	14.37	14.55	14.49	15.8	0.0
40	PI/2 BPSK	50	56	14.40	14.53	14.50	15.8	0.0
40	PI/2 BPSK	100	0	14.48	14.47	14.55		
40	QPSK	1	1	14.44	14.58	14.43	15.8	0.0
40	QPSK	1	53	14.46	14.54	14.44		
40	QPSK	1	104	14.45	14.53	14.46		
40	QPSK	50	0	14.41	14.57	14.50	15.8	0.0
40	QPSK	50	28	14.43	14.53	14.53		
40	QPSK	50	56	14.39	14.49	14.44		
40	QPSK	100	0	14.44	14.52	14.51	15.8	0.0
40	16QAM	1	1	14.40	14.47	14.55	15.8	0.0
40	64QAM	1	1	14.41	14.57	14.48	15.8	0.0
40	256QAM	1	1	14.43	14.55	14.55	15.8	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	14.32	14.47	14.33	15.8	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	14.32	14.50	14.38	15.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.29	14.51	14.37	15.8	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	14.29	14.52	14.35	15.8	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	14.30	14.47	14.33	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.62	14.78	14.62	15.7	0.0
100	PI/2 BPSK	1	137	14.59	14.81	14.66		
100	PI/2 BPSK	1	271	14.62	14.75	14.71		
100	PI/2 BPSK	135	0	14.69	14.76	14.73	15.7	0.0
100	PI/2 BPSK	135	69	14.65	14.77	14.68	15.7	0.0
100	PI/2 BPSK	135	138	14.59	14.82	14.73	15.7	0.0
100	PI/2 BPSK	270	0	14.69	14.84	14.69		
100	QPSK	1	1	14.58	14.86	14.67	15.7	0.0
100	QPSK	1	137	14.59	14.75	14.73		
100	QPSK	1	271	14.68	14.72	14.69		
100	QPSK	135	0	14.62	14.74	14.69	15.7	0.0
100	QPSK	135	69	14.63	14.82	14.70		
100	QPSK	135	138	14.63	14.81	14.64		
100	QPSK	270	0	14.62	14.81	14.66	15.7	0.0
100	16QAM	1	1	14.64	14.81	14.68	15.7	0.0
100	64QAM	1	1	14.57	14.81	14.73	15.7	0.0
100	256QAM	1	1	14.67	14.83	14.66	15.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.42	14.59	14.57	15.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.53	14.66	14.54	15.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.52	14.60	14.56	15.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.52	14.59	14.52	15.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.54	14.65	14.51	15.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	14.49	14.77	14.61	15.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.49	14.62	14.56	15.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	14.50	14.79	14.62	15.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.43	14.57	14.62	15.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	14.44	14.67	14.53	15.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.53	14.65	14.61	15.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.51	14.58	14.54	15.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.45	14.57	14.52	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.56	14.49	14.45	15.2	0.0
40	PI/2 BPSK	1	53	14.45	14.60	14.49		
40	PI/2 BPSK	1	104	14.47	14.58	14.50		
40	PI/2 BPSK	50	0	14.57	14.50	14.50	15.2	0.0
40	PI/2 BPSK	50	28	14.48	14.48	14.48	15.2	0.0
40	PI/2 BPSK	50	56	14.56	14.55	14.47	15.2	0.0
40	PI/2 BPSK	100	0	14.48	14.48	14.50		
40	QPSK	1	1	14.56	14.63	14.43	15.2	0.0
40	QPSK	1	53	14.52	14.52	14.47		
40	QPSK	1	104	14.55	14.60	14.53		
40	QPSK	50	0	14.54	14.55	14.51	15.2	0.0
40	QPSK	50	28	14.51	14.56	14.52		
40	QPSK	50	56	14.48	14.55	14.54		
40	QPSK	100	0	14.47	14.54	14.46	15.2	0.0
40	16QAM	1	1	14.56	14.49	14.48	15.2	0.0
40	64QAM	1	1	14.55	14.59	14.48	15.2	0.0
40	256QAM	1	1	14.56	14.52	14.52	15.2	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.48	14.45	14.33	15.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.49	14.48	14.35	15.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.50	14.43	14.32	15.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.49	14.37	14.37	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.06	16.12	16.00	16.8	0.0
100	PI/2 BPSK	1	137	16.05	16.09	16.03		
100	PI/2 BPSK	1	271	16.02	16.12	16.07		
100	PI/2 BPSK	135	0	15.98	16.13	16.00	16.8	0.0
100	PI/2 BPSK	135	69	16.08	16.07	16.03	16.8	0.0
100	PI/2 BPSK	135	138	15.98	16.10	15.99	16.8	0.0
100	PI/2 BPSK	270	0	16.03	16.09	16.11		
100	QPSK	1	1	16.06	16.15	16.05	16.8	0.0
100	QPSK	1	137	15.97	16.06	16.05		
100	QPSK	1	271	16.06	16.05	15.99		
100	QPSK	135	0	15.97	16.12	16.09	16.8	0.0
100	QPSK	135	69	16.04	16.13	16.03		
100	QPSK	135	138	16.08	16.04	16.07		
100	QPSK	270	0	16.07	16.14	16.07	16.8	0.0
100	16QAM	1	1	16.06	16.14	16.06	16.8	0.0
100	64QAM	1	1	16.02	16.06	16.05	16.8	0.0
100	256QAM	1	1	16.02	16.08	16.05	16.8	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.91	16.04	15.89	16.8	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.95	16.00	15.99	16.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.96	16.03	15.97	16.8	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.02	16.02	15.93	16.8	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.01	16.07	16.00	16.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.99	15.99	15.91	16.8	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.90	16.05	15.99	16.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.96	15.98	15.98	16.8	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.95	16.02	15.96	16.8	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.97	16.06	15.91	16.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.02	16.00	15.92	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.05	19.13	19.00	20.3	0.0
100	PI/2 BPSK	1	137	19.04	19.14	19.07		
100	PI/2 BPSK	1	271	19.00	19.17	19.04		
100	PI/2 BPSK	135	0	18.96	19.11	18.97	20.3	0.0
100	PI/2 BPSK	135	69	19.13	19.06	18.99	20.3	0.0
100	PI/2 BPSK	135	138	18.97	19.06	19.01	20.3	0.0
100	PI/2 BPSK	270	0	19.04	19.14	19.14		
100	QPSK	1	1	19.10	19.18	18.99	20.3	0.0
100	QPSK	1	137	18.95	19.09	19.09		
100	QPSK	1	271	19.01	19.09	19.05		
100	QPSK	135	0	19.02	19.13	19.04	20.3	0.0
100	QPSK	135	69	19.04	19.14	19.02		
100	QPSK	135	138	19.10	19.10	19.13		
100	QPSK	270	0	19.02	19.09	19.04	20.3	0.0
100	16QAM	1	1	19.02	19.08	19.04	20.3	0.0
100	64QAM	1	1	19.07	19.02	19.05	20.3	0.0
100	256QAM	1	1	19.08	19.10	19.02	20.3	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.96	19.06	18.88	20.3	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.03	19.04	18.88	20.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.03	18.84	20.3	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.00	19.01	18.91	20.3	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.03	18.96	18.87	20.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.95	19.00	18.85	20.3	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	19.05	19.03	18.91	20.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	19.05	19.02	18.86	20.3	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.01	19.01	18.89	20.3	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.06	19.02	18.91	20.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.00	18.95	18.88	20.3	0.0

PC3 FR1 n77 PartQ Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.53		16.8	0.0
100	PI/2 BPSK	1	137		15.45			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.50		16.8	0.0
100	PI/2 BPSK	135	69		15.51		16.8	0.0
100	PI/2 BPSK	135	138		15.45		16.8	0.0
100	PI/2 BPSK	270	0		15.51			
100	QPSK	1	1		15.55		16.8	0.0
100	QPSK	1	137		15.42			
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.47		16.8	0.0
100	QPSK	135	69		15.53			
100	QPSK	135	138		15.52			
100	QPSK	270	0		15.50		16.8	0.0
100	16QAM	1	1		15.41		16.8	0.0
100	64QAM	1	1		15.41		16.8	0.0
100	256QAM	1	1		15.49		16.8	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.49	15.38	15.48	16.8	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.48	15.44	15.42	16.8	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.47	15.44	15.44	16.8	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.45	15.40	15.40	16.8	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.48	15.45	15.48	16.8	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.47	15.44	15.41	16.8	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.49	15.46	15.41	16.8	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.43	15.48	15.41	16.8	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.38	15.41	15.40	16.8	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.47	15.48	15.49	16.8	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.39	15.39	15.42	16.8	0.0

PC2 FR1 n77 PartQ Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.54		20.3	0.0
100	PI/2 BPSK	1	137		18.44			
100	PI/2 BPSK	1	271		18.56			
100	PI/2 BPSK	135	0		18.47		20.3	0.0
100	PI/2 BPSK	135	69		18.56		20.3	0.0
100	PI/2 BPSK	135	138		18.39		20.3	0.0
100	PI/2 BPSK	270	0		18.57			
100	QPSK	1	1		18.59		20.3	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.43		20.3	0.0
100	QPSK	135	69		18.56			
100	QPSK	135	138		18.49			
100	QPSK	270	0		18.52		20.3	0.0
100	16QAM	1	1		18.36		20.3	0.0
100	64QAM	1	1		18.47		20.3	0.0
100	256QAM	1	1		18.53		20.3	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.40	18.49	18.50	20.3	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.43	18.45	18.41	20.3	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.44	18.42	18.48	20.3	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.43	18.50	18.49	20.3	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.47	18.40	18.44	20.3	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.49	18.45	18.43	20.3	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.45	18.50	18.43	20.3	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.39	18.50	18.42	20.3	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.44	18.43	18.48	20.3	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.42	18.42	18.43	20.3	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.49	18.39	18.50	20.3	0.0

PC3 FR1 n78 PartO Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.10		16.7	0.0
100	PI/2 BPSK	1	137		16.16			
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.16		16.7	0.0
100	PI/2 BPSK	135	69		16.07		16.7	0.0
100	PI/2 BPSK	135	138		16.17		16.7	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.21		16.7	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.09			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.18			
100	QPSK	135	138		16.17			
100	QPSK	270	0		16.12		16.7	0.0
100	16QAM	1	1		16.12		16.7	0.0
100	64QAM	1	1		16.08		16.7	0.0
100	256QAM	1	1		16.08		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.08	16.07	16.04	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.06	16.08	16.07	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.04	16.00	15.99	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.05	16.01	15.98	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.01	16.10	16.03	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.01	16.04	16.08	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.07	15.99	16.05	16.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.03	16.07	16.02	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.09	16.02	16.07	16.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.06	16.08	16.06	16.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.01	16.03	16.09	16.7	0.0

PC2 FR1 n78 PartO Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.12		20.2	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.09			
100	PI/2 BPSK	135	0		19.20		20.2	0.0
100	PI/2 BPSK	135	69		19.02		20.2	0.0
100	PI/2 BPSK	135	138		19.21		20.2	0.0
100	PI/2 BPSK	270	0		19.10			
100	QPSK	1	1		19.25		20.2	0.0
100	QPSK	1	137		19.13			
100	QPSK	1	271		19.11			
100	QPSK	135	0		19.13		20.2	0.0
100	QPSK	135	69		19.15			
100	QPSK	135	138		19.13			
100	QPSK	270	0		19.16		20.2	0.0
100	16QAM	1	1		19.09		20.2	0.0
100	64QAM	1	1		19.08		20.2	0.0
100	256QAM	1	1		19.10		20.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.11	19.16	19.16	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.14	19.09	19.12	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.11	19.11	19.06	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.11	19.12	19.06	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.06	19.13	19.06	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.17	19.15	19.06	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.09	19.06	19.12	20.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.15	19.14	19.16	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.10	19.10	19.06	20.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.13	19.10	19.17	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.11	19.11	20.2	0.0

PC3 FR1 n78 PartQ Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.45		16.7	0.0
100	PI/2 BPSK	1	137		15.49			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.51		16.7	0.0
100	PI/2 BPSK	135	69		15.49		16.7	0.0
100	PI/2 BPSK	135	138		15.55		16.7	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.59		16.7	0.0
100	QPSK	1	137		15.53			
100	QPSK	1	271		15.56			
100	QPSK	135	0		15.50		16.7	0.0
100	QPSK	135	69		15.54			
100	QPSK	135	138		15.47			
100	QPSK	270	0		15.52		16.7	0.0
100	16QAM	1	1		15.51		16.7	0.0
100	64QAM	1	1		15.45		16.7	0.0
100	256QAM	1	1		15.49		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.33	15.32	15.33	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.31	15.42	15.30	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.39	15.34	15.36	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.40	15.33	15.35	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.33	15.33	15.31	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.33	15.37	15.40	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.41	15.37	15.37	16.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.35	15.33	15.37	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.35	15.36	15.36	16.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.40	15.34	15.35	16.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.36	15.33	15.31	16.7	0.0

PC2 FR1 n78 PartQ Ant8 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.49		20.2	0.0
100	PI/2 BPSK	1	137		18.45			
100	PI/2 BPSK	1	271		18.47			
100	PI/2 BPSK	135	0		18.56		20.2	0.0
100	PI/2 BPSK	135	69		18.45		20.2	0.0
100	PI/2 BPSK	135	138		18.56		20.2	0.0
100	PI/2 BPSK	270	0		18.53			
100	QPSK	1	1		18.61		20.2	0.0
100	QPSK	1	137		18.48			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.45		20.2	0.0
100	QPSK	135	69		18.50			
100	QPSK	135	138		18.47			
100	QPSK	270	0		18.55		20.2	0.0
100	16QAM	1	1		18.55		20.2	0.0
100	64QAM	1	1		18.52		20.2	0.0
100	256QAM	1	1		18.47		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.39	18.41	18.42	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.43	18.38	18.36	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.37	18.46	18.46	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.42	18.37	18.47	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.43	18.43	18.46	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.44	18.36	18.35	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.41	18.39	18.36	20.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.46	18.43	18.36	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.39	18.37	18.38	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.36	18.43	18.46	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.42	18.47	18.42	20.2	0.0

FR1 n48 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.10	23.20	23.17	24.2	0.0
40	PI/2 BPSK	1	53	23.23	23.21	23.22		
40	PI/2 BPSK	1	104	23.22	23.25	23.13		
40	PI/2 BPSK	50	0	22.80	22.92	22.90	23.7	0.5
40	PI/2 BPSK	50	28	23.18	23.26	23.18	24.2	0.0
40	PI/2 BPSK	50	56	22.81	22.83	22.62	23.7	0.5
40	PI/2 BPSK	100	0	22.74	22.90	22.71		
40	QPSK	1	1	23.02	23.31	23.25	24.2	0.0
40	QPSK	1	53	23.13	23.24	23.19		
40	QPSK	1	104	23.07	23.19	23.01		
40	QPSK	50	0	22.29	22.37	22.25	24.2	0.0
40	QPSK	50	28	23.27	23.29	23.28		
40	QPSK	50	56	22.24	22.30	22.32		
40	QPSK	100	0	22.34	22.35	22.20	23.2	1.0
40	16QAM	1	1	22.02	22.21	22.07	23.2	1.0
40	64QAM	1	1	20.70	20.77	20.63	21.7	2.5
40	256QAM	1	1	18.78	18.79	18.71	19.7	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.97	23.28	23.16	24.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.96	23.18	23.19	24.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.95	23.17	23.19	24.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.82	23.26	23.10	24.2	0.0

PC3 FR1 n77 PartO Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.16	24.16	24.28	25.4	0.0
100	PI/2 BPSK	1	137	24.15	24.18	23.98		
100	PI/2 BPSK	1	271	24.27	24.20	24.30		
100	PI/2 BPSK	135	0	24.10	24.12	24.01	24.9	0.5
100	PI/2 BPSK	135	69	24.02	24.02	24.14	25.4	0.0
100	PI/2 BPSK	135	138	24.20	24.07	24.18	24.9	0.5
100	PI/2 BPSK	270	0	24.19	24.01	24.15		
100	QPSK	1	1	24.24	24.34	24.23	25.4	0.0
100	QPSK	1	137	23.93	23.92	24.06		
100	QPSK	1	271	24.30	24.24	24.29		
100	QPSK	135	0	24.07	24.20	24.15	25.4	0.0
100	QPSK	135	69	24.07	24.27	24.07		
100	QPSK	135	138	24.22	24.10	24.18		
100	QPSK	270	0	23.24	23.29	23.18	24.4	1.0
100	16QAM	1	1	23.16	23.13	22.98	24.4	1.0
100	64QAM	1	1	21.74	21.83	21.71	22.9	2.5
100	256QAM	1	1	19.73	19.79	19.73	20.9	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.19	24.32	24.08	25.4	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.20	24.19	24.23	25.4	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.05	24.29	24.07	25.4	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.03	24.12	24.21	25.4	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.12	24.15	24.23	25.4	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.22	24.13	24.08	25.4	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.11	24.30	24.19	25.4	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	24.12	24.21	24.24	25.4	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.05	24.19	24.21	25.4	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.19	24.20	24.11	25.4	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.25	24.18	24.06	25.4	0.0

PC2 FR1 n77 PartO Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.20	27.23	27.12	28.9	0.0
100	PI/2 BPSK	1	137	27.21	27.16	27.29		
100	PI/2 BPSK	1	271	27.27	27.32	27.31		
100	PI/2 BPSK	135	0	26.80	26.81	26.82	28.4	0.5
100	PI/2 BPSK	135	69	27.16	27.14	27.30	28.9	0.0
100	PI/2 BPSK	135	138	26.71	26.91	26.73	28.4	0.5
100	PI/2 BPSK	270	0	26.77	26.75	26.72		
100	QPSK	1	1	27.27	27.33	27.21	28.9	0.0
100	QPSK	1	137	27.06	27.13	27.05		
100	QPSK	1	271	27.31	27.28	27.29		
100	QPSK	135	0	27.24	27.23	27.12	28.9	0.0
100	QPSK	135	69	27.24	27.28	27.20		
100	QPSK	135	138	27.20	27.27	27.16		
100	QPSK	270	0	26.19	26.23	26.21	27.9	1.0
100	16QAM	1	1	26.10	26.02	26.23	27.9	1.0
100	64QAM	1	1	24.80	24.85	24.72	26.4	2.5
100	256QAM	1	1	22.81	22.80	22.77	24.4	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	27.14	27.19	27.09	28.9	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	27.06	27.16	27.07	28.9	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.27	27.29	27.04	28.9	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	27.15	27.32	27.10	28.9	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	27.29	27.11	27.16	28.9	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.05	27.28	27.03	28.9	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	27.23	27.17	26.99	28.9	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	27.19	27.19	27.23	28.9	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	27.24	27.25	27.17	28.9	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	27.21	27.17	27.04	28.9	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.09	27.17	27.07	28.9	0.0

PC3 FR1 n77 PartQ Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.50		25.4	0.0
100	PI/2 BPSK	1	137		24.30			
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		24.27		24.9	0.5
100	PI/2 BPSK	135	69		24.25		25.4	0.0
100	PI/2 BPSK	135	138		24.41		24.9	0.5
100	PI/2 BPSK	270	0		24.33			
100	QPSK	1	1		24.52		25.4	0.0
100	QPSK	1	137		24.25			
100	QPSK	1	271		24.51			
100	QPSK	135	0		24.32		25.4	0.0
100	QPSK	135	69		24.42			
100	QPSK	135	138		24.39			
100	QPSK	270	0		23.35		24.4	1.0
100	16QAM	1	1		23.39		24.4	1.0
100	64QAM	1	1		21.97		22.9	2.5
100	256QAM	1	1		20.03		20.9	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.46	24.42	24.32	25.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.28	24.33	24.20	25.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.39	24.32	24.15	25.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.35	24.21	24.20	25.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.24	24.33	24.32	25.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.36	24.24	24.23	25.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.33	24.41	24.15	25.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.45	24.32	24.19	25.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.34	24.40	24.33	25.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.27	24.42	24.33	25.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.24	24.35	24.20	25.4	0.0

PC2 FR1 n77 PartQ Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Fre+EU18:GK39quency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.44		28.9	0.0
100	PI/2 BPSK	1	137		27.39			
100	PI/2 BPSK	1	271		27.33			
100	PI/2 BPSK	135	0		26.80		28.4	0.5
100	PI/2 BPSK	135	69		27.18		28.9	0.0
100	PI/2 BPSK	135	138		26.69		28.4	0.5
100	PI/2 BPSK	270	0		26.80			
100	QPSK	1	1		27.56		28.9	0.0
100	QPSK	1	137		27.22			
100	QPSK	1	271		27.23			
100	QPSK	135	0		27.28		28.9	0.0
100	QPSK	135	69		27.45			
100	QPSK	135	138		27.36			
100	QPSK	270	0		26.31		27.9	1.0
100	16QAM	1	1		26.40		27.9	1.0
100	64QAM	1	1		24.54		26.4	2.5
100	256QAM	1	1		22.44		24.4	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.44	27.50	27.52	28.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	27.41	27.38	27.43	28.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.28	27.39	27.33	28.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.28	27.44	27.51	28.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.43	27.35	27.30	28.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.45	27.45	27.49	28.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.30	27.30	27.38	28.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.41	27.48	27.48	28.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.41	27.41	27.42	28.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.29	27.47	27.34	28.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.34	27.29	27.32	28.9	0.0

PC3 FR1 n78 PartO Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.21		25.4	0.0
100	PI/2 BPSK	1	137		24.40			
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		24.27		24.9	0.5
100	PI/2 BPSK	135	69		24.42		25.4	0.0
100	PI/2 BPSK	135	138		24.38		24.9	0.5
100	PI/2 BPSK	270	0		24.24			
100	QPSK	1	1		24.51		25.4	0.0
100	QPSK	1	137		24.29			
100	QPSK	1	271		24.39			
100	QPSK	135	0		24.28		25.4	0.0
100	QPSK	135	69		24.45			
100	QPSK	135	138		24.40			
100	QPSK	270	0		23.24		24.4	1.0
100	16QAM	1	1		23.37		24.4	1.0
100	64QAM	1	1		22.06		22.9	2.5
100	256QAM	1	1		20.02		20.9	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.39	24.37	24.23	25.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.24	24.36	24.18	25.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.36	24.23	24.21	25.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.37	24.18	24.25	25.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.30	24.34	24.25	25.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.34	24.36	24.01	25.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	24.37	24.18	24.16	25.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.39	24.17	24.21	25.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.36	24.18	24.04	25.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	24.21	24.15	24.16	25.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.24	24.28	24.22	25.4	0.0

PC2 FR1 n78 PartO Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.19		28.9	0.0
100	PI/2 BPSK	1	137		27.33			
100	PI/2 BPSK	1	271		27.34			
100	PI/2 BPSK	135	0		26.76		28.4	0.5
100	PI/2 BPSK	135	69		27.17		28.9	0.0
100	PI/2 BPSK	135	138		26.72		28.4	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.41		28.9	0.0
100	QPSK	1	137		27.27			
100	QPSK	1	271		27.27			
100	QPSK	135	0		27.29		28.9	0.0
100	QPSK	135	69		27.37			
100	QPSK	135	138		27.35			
100	QPSK	270	0		26.33		27.9	1.0
100	16QAM	1	1		26.34		27.9	1.0
100	64QAM	1	1		24.95		26.4	2.5
100	256QAM	1	1		22.89		24.4	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	27.39	27.30	27.23	28.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	27.34	27.23	27.10	28.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.33	27.27	27.05	28.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	27.26	27.16	27.04	28.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	27.35	27.26	27.19	28.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.32	27.08	27.08	28.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	27.20	27.22	27.21	28.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	27.39	27.25	27.15	28.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	27.37	27.20	27.17	28.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	27.26	27.20	27.18	28.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.26	27.19	27.11	28.9	0.0

PC3 FR1 n78 PartQ Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.27		25.4	0.0
100	PI/2 BPSK	1	137		24.09			
100	PI/2 BPSK	1	271		24.23			
100	PI/2 BPSK	135	0		24.07		24.9	0.5
100	PI/2 BPSK	135	69		24.01		25.4	0.0
100	PI/2 BPSK	135	138		24.18		24.9	0.5
100	PI/2 BPSK	270	0		24.11			
100	QPSK	1	1		24.31		25.4	0.0
100	QPSK	1	137		24.03			
100	QPSK	1	271		24.22			
100	QPSK	135	0		24.08		25.4	0.0
100	QPSK	135	69		24.21			
100	QPSK	135	138		24.16			
100	QPSK	270	0		23.10		24.4	1.0
100	16QAM	1	1		23.19		24.4	1.0
100	64QAM	1	1		21.88		22.9	2.5
100	256QAM	1	1		19.92		20.9	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.24	24.20	24.29	25.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.24	24.05	24.25	25.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.17	24.07	24.08	25.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.13	24.03	24.07	25.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.03	24.21	24.14	25.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.26	24.22	24.09	25.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.11	24.21	24.09	25.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.24	24.21	24.28	25.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.15	24.20	24.09	25.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.12	23.99	24.08	25.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.03	24.08	24.19	25.4	0.0

PC2 FR1 n78 PartQ Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.21		28.9	0.0
100	PI/2 BPSK	1	137		27.09			
100	PI/2 BPSK	1	271		27.05			
100	PI/2 BPSK	135	0		26.62		28.4	0.5
100	PI/2 BPSK	135	69		26.99		28.9	0.0
100	PI/2 BPSK	135	138		26.58		28.4	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.26		28.9	0.0
100	QPSK	1	137		26.95			
100	QPSK	1	271		27.11			
100	QPSK	135	0		27.08		28.9	0.0
100	QPSK	135	69		27.15			
100	QPSK	135	138		27.07			
100	QPSK	270	0		26.10		27.9	1.0
100	16QAM	1	1		26.18		27.9	1.0
100	64QAM	1	1		24.71		26.4	2.5
100	256QAM	1	1		22.79		24.4	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.17	27.22	27.16	28.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.97	27.05	27.10	28.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.11	27.03	27.12	28.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.11	27.12	26.97	28.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.06	27.16	27.03	28.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.08	27.22	27.12	28.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	27.14	27.24	27.17	28.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.03	27.14	27.09	28.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.18	27.18	27.00	28.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.07	27.20	27.12	28.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.19	27.05	27.07	28.9	0.0

Reduced Power Mode for DSI 3

FR1 n5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.29	25.29	25.16	25.7	0.0
20	PI/2 BPSK	1	53	25.28	25.27	25.26		
20	PI/2 BPSK	1	104	25.13	25.15	25.07		
20	PI/2 BPSK	50	0	24.41	24.82	24.54	25.2	0.5
20	PI/2 BPSK	50	28	25.31	25.26	25.07	25.7	0.0
20	PI/2 BPSK	50	56	24.59	24.69	24.77	25.2	0.5
20	PI/2 BPSK	100	0	24.50	24.45	24.71		
20	QPSK	1	1	25.30	25.37	25.28	25.7	0.0
20	QPSK	1	53	25.17	25.33	25.07		
20	QPSK	1	104	25.18	25.01	24.96		
20	QPSK	50	0	24.00	24.17	23.91	24.7	1.0
20	QPSK	50	28	24.90	25.35	24.88	25.7	0.0
20	QPSK	50	56	23.99	24.11	24.06	24.7	1.0
20	QPSK	100	0	24.27	24.31	24.14		
20	16QAM	1	1	24.14	24.11	24.00	24.7	1.0
20	64QAM	1	1	22.44	22.68	22.82	23.2	2.5
20	256QAM	1	1	20.46	20.45	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.34	25.21	25.16	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.30	25.29	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.15	25.14	25.34	25.7	0.0

FR1 n12 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.41	24.57	24.51	25.5	0.0
15	PI/2 BPSK	1	40	24.38	24.54	24.37		
15	PI/2 BPSK	1	77	24.29	24.46	24.25		
15	PI/2 BPSK	36	0	23.94	24.05	23.86	25.0	0.5
15	PI/2 BPSK	36	22	24.45	24.44	24.23	25.5	0.0
15	PI/2 BPSK	36	43	23.81	24.02	23.91	25.0	0.5
15	PI/2 BPSK	75	0	24.02	24.04	24.02		
15	QPSK	1	1	24.43	24.63	24.53	25.5	0.0
15	QPSK	1	40	24.45	24.54	24.55		
15	QPSK	1	77	24.54	24.59	24.52		
15	QPSK	36	0	23.52	23.52	23.41	24.5	1.0
15	QPSK	36	22	24.57	24.57	24.48	25.5	0.0
15	QPSK	36	43	23.34	23.53	23.53	24.5	1.0
15	QPSK	75	0	23.47	23.56	23.44		
15	16QAM	1	1	23.69	23.67	23.65	24.5	1.0
15	64QAM	1	1	22.02	22.23	22.05	23.0	2.5
15	256QAM	1	1	19.97	20.09	20.07	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.62	24.51	24.56	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.52	24.58	24.57	25.5	0.0

FR1 n26 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.20	25.18	25.03	25.7	0.0
20	PI/2 BPSK	1	53	25.15	25.23	25.25		
20	PI/2 BPSK	1	104	25.01	25.15	25.19		
20	PI/2 BPSK	50	0	24.56	24.67	24.55	25.2	0.5
20	PI/2 BPSK	50	28	25.20	25.13	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.54	24.67	24.78	25.2	0.5
20	PI/2 BPSK	100	0	24.47	24.59	24.73		
20	QPSK	1	1	25.19	25.26	25.22	25.7	0.0
20	QPSK	1	53	25.18	25.24	25.14		
20	QPSK	1	104	25.13	24.99	25.04		
20	QPSK	50	0	23.94	24.04	24.04	24.7	1.0
20	QPSK	50	28	25.03	25.21	25.02	25.7	0.0
20	QPSK	50	56	24.06	24.15	24.05	24.7	1.0
20	QPSK	100	0	24.16	24.22	24.17		
20	16QAM	1	1	24.03	24.12	24.06	24.7	1.0
20	64QAM	1	1	22.58	22.67	22.79	23.2	2.5
20	256QAM	1	1	20.47	20.57	20.67	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.18	25.18	25.15	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.18	25.21	25.14	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.06	25.16	25.21	25.7	0.0

FR1 n5 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.74	22.81	22.83	23.5	0.0
20	PI/2 BPSK	1	53	22.73	22.76	22.72		
20	PI/2 BPSK	1	104	22.69	22.84	22.76		
20	PI/2 BPSK	50	0	22.74	22.80	22.77	23.5	0.0
20	PI/2 BPSK	50	28	22.79	22.82	22.76	23.5	0.0
20	PI/2 BPSK	50	56	22.69	22.80	22.74	23.5	0.0
20	PI/2 BPSK	100	0	22.78	22.76	22.83		
20	QPSK	1	1	22.79	22.89	22.78	23.5	0.0
20	QPSK	1	53	22.75	22.85	22.78		
20	QPSK	1	104	22.80	22.82	22.73		
20	QPSK	50	0	22.76	22.86	22.76	23.5	0.0
20	QPSK	50	28	22.80	22.87	22.81	23.5	0.0
20	QPSK	50	56	22.76	22.83	22.81	23.5	0.0
20	QPSK	100	0	22.79	22.80	22.75		
20	16QAM	1	1	22.75	22.79	22.76	23.5	0.0
20	64QAM	1	1	22.76	22.82	22.77	23.0	0.5
20	256QAM	1	1	20.30	20.38	20.31	21.0	2.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.68	22.69	22.63	23.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.75	22.68	22.70	23.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.67	22.76	22.62	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.15	24.31	24.24	25.0	0.0
15	PI/2 BPSK	1	40	24.31	24.27	24.23		
15	PI/2 BPSK	1	77	24.26	24.34	24.17		
15	PI/2 BPSK	36	0	23.80	23.72	23.76	24.5	0.5
15	PI/2 BPSK	36	22	24.30	24.32	24.20	25.0	0.0
15	PI/2 BPSK	36	43	23.82	23.64	23.62	24.5	0.5
15	PI/2 BPSK	75	0	23.92	23.57	23.53		
15	QPSK	1	1	24.30	24.38	24.34	25.0	0.0
15	QPSK	1	40	24.24	24.15	24.33		
15	QPSK	1	77	24.20	24.36	24.35		
15	QPSK	36	0	23.07	23.27	23.37	24.0	1.0
15	QPSK	36	22	24.31	24.37	24.31	25.0	0.0
15	QPSK	36	43	23.31	23.16	23.14	24.0	1.0
15	QPSK	75	0	23.12	23.29	23.20		
15	16QAM	1	1	23.28	23.48	23.39	24.0	1.0
15	64QAM	1	1	21.97	21.92	21.97	22.5	2.5
	256QAM	1	1	20.07	20.21	20.07	20.5	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.16	24.21	24.13	25.0	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.15	24.27	24.24	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.26	22.33	22.30	23.0	0.0
20	PI/2 BPSK	1	53	22.31	22.31	22.31		
20	PI/2 BPSK	1	104	22.29	22.35	22.24		
20	PI/2 BPSK	50	0	22.30	22.35	22.33	23.0	0.0
20	PI/2 BPSK	50	28	22.29	22.35	22.27	23.0	0.0
20	PI/2 BPSK	50	56	22.28	22.32	22.22	23.0	0.0
20	PI/2 BPSK	100	0	22.26	22.37	22.25		
20	QPSK	1	1	22.25	22.46	22.22	23.0	0.0
20	QPSK	1	53	22.35	22.33	22.23		
20	QPSK	1	104	22.36	22.39	22.28		
20	QPSK	50	0	22.26	22.37	22.24	23.0	0.0
20	QPSK	50	28	22.29	22.43	22.31	23.0	0.0
20	QPSK	50	56	22.26	22.41	22.31	23.0	0.0
20	QPSK	100	0	22.36	22.41	22.24		
20	16QAM	1	1	22.34	22.41	22.22	23.0	0.0
20	64QAM	1	1	22.29	22.38	22.26	23.0	0.0
20	256QAM	1	1	20.20	20.29	20.28	21.0	2.0
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.11	22.18	22.13	23.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.20	22.20	22.16	23.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.21	22.26	22.17	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.67	21.80	21.74	22.5	0.0
50	PI/2 BPSK	1	135	21.61	21.78	21.68		
50	PI/2 BPSK	1	268	21.69	21.82	21.67		
50	PI/2 BPSK	135	0	21.67	21.73	21.68	22.5	0.0
50	PI/2 BPSK	135	68	21.68	21.79	21.68	22.5	0.0
50	PI/2 BPSK	135	135	21.60	21.80	21.75	22.5	0.0
50	PI/2 BPSK	270	0	21.66	21.79	21.72		
50	QPSK	1	1	21.74	21.86	21.79	22.5	0.0
50	QPSK	1	135	21.66	21.84	21.68		
50	QPSK	1	268	21.67	21.80	21.74		
50	QPSK	135	0	21.67	21.82	21.71	22.5	0.0
50	QPSK	135	68	21.67	21.83	21.76	22.5	0.0
50	QPSK	135	135	21.67	21.76	21.74	22.5	0.0
50	QPSK	270	0	21.61	21.79	21.68		
50	16QAM	1	1	21.69	21.78	21.73	22.5	0.0
50	64QAM	1	1	21.61	21.74	21.74	22.5	0.0
50	256QAM	1	1	19.80	19.87	19.76	20.5	2.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.60	21.74	21.69	22.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.65	21.79	21.68	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.72	21.76	21.76	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.72	21.72	21.72	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.66	21.78	21.77	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.61	21.81	21.71	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.62	21.76	21.70	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.63	21.81	21.68	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.58	21.67	21.54	22.5	0.0
45	PI/2 BPSK	1	120	21.57	21.63	21.54		
45	PI/2 BPSK	1	240	21.58	21.63	21.54		
45	PI/2 BPSK	120	0	21.58	21.61	21.55	22.5	0.0
45	PI/2 BPSK	120	60	21.57	21.64	21.54	22.5	0.0
45	PI/2 BPSK	120	120	21.59	21.64	21.57	22.5	0.0
45	PI/2 BPSK	240	0	21.58	21.65	21.58		
45	QPSK	1	1	21.61	21.74	21.65	22.5	0.0
45	QPSK	1	120	21.54	21.61	21.52		
45	QPSK	1	240	21.57	21.63	21.58		
45	QPSK	120	0	21.52	21.63	21.56	22.5	0.0
45	QPSK	120	60	21.51	21.71	21.59	22.5	0.0
45	QPSK	120	120	21.50	21.67	21.52	22.5	0.0
45	QPSK	240	0	21.51	21.68	21.63		
45	16QAM	1	1	21.51	21.61	21.56	22.5	0.0
45	64QAM	1	1	21.57	21.67	21.60	22.5	0.0
45	256QAM	1	1	19.62	19.79	19.63	20.5	2.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.52	21.66	21.62	22.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.48	21.67	21.60	22.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.56	21.61	21.61	22.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.56	21.68	21.60	22.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.54	21.63	21.58	22.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.50	21.71	21.54	22.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.56	21.70	21.55	22.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.56	21.70	21.56	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.99	20.00	19.97	21.0	0.0
40	PI/2 BPSK	1	53	19.96	19.99	19.93		
40	PI/2 BPSK	1	104	20.00	19.97	19.97		
40	PI/2 BPSK	50	0	19.89	20.04	19.97	21.0	0.0
40	PI/2 BPSK	50	28	19.96	20.07	19.97	21.0	0.0
40	PI/2 BPSK	50	56	19.97	20.03	19.98	21.0	0.0
40	PI/2 BPSK	100	0	19.97	20.02	19.91		
40	QPSK	1	1	19.92	20.09	19.97	21.0	0.0
40	QPSK	1	53	20.01	20.08	19.94		
40	QPSK	1	104	20.00	20.02	19.98		
40	QPSK	50	0	19.92	19.97	19.95	21.0	0.0
40	QPSK	50	28	19.94	20.07	19.93		
40	QPSK	50	56	19.94	20.02	19.93		
40	QPSK	100	0	19.98	20.03	20.00	21.0	0.0
40	16QAM	1	1	19.97	20.03	19.97	21.0	0.0
40	64QAM	1	1	19.92	19.98	19.88	21.0	0.0
40	256QAM	1	1	19.51	19.49	19.42	20.5	0.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.87	19.97	19.89	21.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.80	19.87	19.92	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.82	19.91	19.85	21.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.78	19.96	19.88	21.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.78	19.99	19.88	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.70	19.80	19.71	20.5	0.0
100	PI/2 BPSK	1	137	19.64	19.87	19.77		
100	PI/2 BPSK	1	271	19.64	19.79	19.71		
100	PI/2 BPSK	135	0	19.71	19.85	19.71	20.5	0.0
100	PI/2 BPSK	135	69	19.73	19.82	19.77	20.5	0.0
100	PI/2 BPSK	135	138	19.73	19.88	19.77	20.5	0.0
100	PI/2 BPSK	270	0	19.70	19.78	19.79		
100	QPSK	1	1	19.70	19.92	19.73	20.5	0.0
100	QPSK	1	137	19.73	19.87	19.78		
100	QPSK	1	271	19.69	19.77	19.76		
100	QPSK	135	0	19.69	19.81	19.79	20.5	0.0
100	QPSK	135	69	19.63	19.85	19.69		
100	QPSK	135	138	19.68	19.84	19.70		
100	QPSK	270	0	19.70	19.85	19.77	20.5	0.0
100	16QAM	1	1	19.61	19.82	19.73	20.5	0.0
100	64QAM	1	1	19.64	19.77	19.74	20.5	0.0
100	256QAM	1	1	19.69	19.77	19.80	20.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.63	19.69	19.61	20.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.54	19.69	19.68	20.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.55	19.67	19.67	20.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.57	19.71	19.65	20.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.62	19.66	19.59	20.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.60	19.79	19.69	20.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.55	19.70	19.68	20.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.57	19.80	19.63	20.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.58	19.62	19.60	20.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.64	19.63	19.62	20.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.60	19.62	19.65	20.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.55	19.62	19.69	20.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.55	19.63	19.67	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.46	20.48	20.39	21.0	0.0
40	PI/2 BPSK	1	108	20.37	20.47	20.39		
40	PI/2 BPSK	1	214	20.40	20.46	20.44		
40	PI/2 BPSK	108	0	20.42	20.50	20.38	21.0	0.0
40	PI/2 BPSK	108	54	20.40	20.49	20.37	21.0	0.0
40	PI/2 BPSK	108	108	20.46	20.50	20.39	21.0	0.0
40	PI/2 BPSK	216	0	20.42	20.50	20.34		
40	QPSK	1	1	20.46	20.53	20.39	21.0	0.0
40	QPSK	1	108	20.43	20.44	20.40		
40	QPSK	1	214	20.42	20.50	20.46		
40	QPSK	108	0	20.41	20.44	20.42	21.0	0.0
40	QPSK	108	54	20.44	20.51	20.36	21.0	0.0
40	QPSK	108	108	20.35	20.50	20.35	21.0	0.0
40	QPSK	216	0	20.41	20.42	20.37		
40	16QAM	1	1	20.43	20.47	20.35	21.0	0.0
40	64QAM	1	1	20.35	20.44	20.37	21.0	0.0
40	256QAM	1	1	19.89	19.81	19.83	20.5	0.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.36	20.33	20.35	21.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.37	20.39	20.34	21.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.32	20.41	20.33	21.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.32	20.35	20.24	21.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.36	20.43	20.23	21.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.35	20.36	20.26	21.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.30	20.37	20.29	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.43	20.51	20.43	20.7	0.0
50	PI/2 BPSK	1	135	20.51	20.56	20.53		
50	PI/2 BPSK	1	268	20.50	20.47	20.54		
50	PI/2 BPSK	135	0	20.47	20.49	20.46	20.7	0.0
50	PI/2 BPSK	135	68	20.43	20.53	20.52	20.7	0.0
50	PI/2 BPSK	135	135	20.52	20.53	20.44	20.7	0.0
50	PI/2 BPSK	270	0	20.52	20.48	20.51		
50	QPSK	1	1	20.45	20.59	20.48	20.7	0.0
50	QPSK	1	135	20.50	20.50	20.50		
50	QPSK	1	268	20.43	20.54	20.45		
50	QPSK	135	0	20.54	20.49	20.51	20.7	0.0
50	QPSK	135	68	20.43	20.55	20.54	20.7	0.0
50	QPSK	135	135	20.52	20.45	20.53	20.7	0.0
50	QPSK	270	0	20.49	20.51	20.50		
50	16QAM	1	1	20.53	20.46	20.45	20.7	0.0
50	64QAM	1	1	20.47	20.56	20.51	20.7	0.0
50	256QAM	1	1	20.51	20.44	20.50	20.7	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.34	20.39	20.40	20.7	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.39	20.49	20.40	20.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.39	20.41	20.42	20.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.35	20.44	20.42	20.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.37	20.47	20.40	20.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.40	20.44	20.32	20.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.31	20.39	20.38	20.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.37	20.41	20.39	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.35	23.39	23.20	24.0	0.0
40	PI/2 BPSK	1	108	23.34	23.50	23.30		
40	PI/2 BPSK	1	214	23.40	23.41	23.30		
40	PI/2 BPSK	108	0	23.39	23.44	23.20	24.0	0.0
40	PI/2 BPSK	108	54	23.34	23.43	23.24	24.0	0.0
40	PI/2 BPSK	108	108	23.39	23.48	23.27	24.0	0.0
40	PI/2 BPSK	216	0	23.40	23.48	23.26		
40	QPSK	1	1	23.39	23.55	23.21	24.0	0.0
40	QPSK	1	108	23.33	23.43	23.22		
40	QPSK	1	214	23.40	23.49	23.27		
40	QPSK	108	0	23.35	23.46	23.22	24.0	0.0
40	QPSK	108	54	23.35	23.51	23.28	24.0	0.0
40	QPSK	108	108	23.40	23.49	23.25	24.0	0.0
40	QPSK	216	0	23.44	23.45	23.29		
40	16QAM	1	1	23.44	23.43	23.23	24.0	0.0
40	64QAM	1	1	21.85	21.96	21.74	22.5	1.5
40	256QAM	1	1	19.89	19.94	19.72	20.5	3.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.28	23.26	23.17	24.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.33	23.36	23.13	24.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.28	23.25	23.16	24.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.33	23.35	23.08	24.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.33	23.25	23.10	24.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.25	23.27	23.10	24.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.35	23.27	23.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.00	21.01	20.94	21.5	0.0
45	PI/2 BPSK	1	120	20.99	21.04	21.04		
45	PI/2 BPSK	1	240	21.03	21.02	21.05		
45	PI/2 BPSK	120	0	20.94	21.01	20.94	21.5	0.0
45	PI/2 BPSK	120	60	21.03	21.06	21.02	21.5	0.0
45	PI/2 BPSK	120	120	20.97	20.97	20.94	21.5	0.0
45	PI/2 BPSK	240	0	21.01	20.99	20.97		
45	QPSK	1	1	20.93	21.11	21.04	21.5	0.0
45	QPSK	1	120	21.02	20.98	21.03		
45	QPSK	1	240	20.97	21.03	20.98		
45	QPSK	120	0	20.98	20.98	20.96	21.5	0.0
45	QPSK	120	60	21.03	21.06	20.95	21.5	0.0
45	QPSK	120	120	21.01	21.01	21.01	21.5	0.0
45	QPSK	240	0	20.96	21.01	20.99		
45	16QAM	1	1	21.04	20.99	21.02	21.5	0.0
45	64QAM	1	1	20.97	20.95	21.05	21.5	0.0
45	256QAM	1	1	19.95	20.08	20.04	20.5	1.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.79	20.91	20.99	21.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.88	20.94	20.95	21.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.85	20.95	20.91	21.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.88	20.88	20.96	21.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.88	20.88	20.99	21.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.78	20.92	20.90	21.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.81	20.93	20.91	21.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.83	20.96	20.96	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	20.75	20.76	20.71	21.2	0.0
40	PI/2 BPSK	1	53	20.73	20.80	20.65		
40	PI/2 BPSK	1	104	20.74	20.77	20.64		
40	PI/2 BPSK	50	0	20.71	20.72	20.72	21.2	0.0
40	PI/2 BPSK	50	28	20.73	20.70	20.72	21.2	0.0
40	PI/2 BPSK	50	56	20.75	20.75	20.65	21.2	0.0
40	PI/2 BPSK	100	0	20.68	20.71	20.64		
40	QPSK	1	1	20.80	20.83	20.75	21.2	0.0
40	QPSK	1	53	20.72	20.76	20.62		
40	QPSK	1	104	20.78	20.72	20.66		
40	QPSK	50	0	20.73	20.72	20.72	21.2	0.0
40	QPSK	50	28	20.74	20.77	20.61		
40	QPSK	50	56	20.73	20.76	20.68		
40	QPSK	100	0	20.66	20.73	20.66	21.2	0.0
40	16QAM	1	1	20.78	20.70	20.63	21.2	0.0
40	64QAM	1	1	20.73	20.72	20.72	21.2	0.0
40	256QAM	1	1	20.72	20.71	20.66	21.2	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	20.67	20.70	20.65	21.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.68	20.72	20.63	21.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.70	20.73	20.62	21.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	20.77	20.72	20.66	21.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	20.73	20.73	20.62	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.25	20.28	20.22	20.7	0.0
100	PI/2 BPSK	1	137	20.25	20.32	20.29		
100	PI/2 BPSK	1	271	20.17	20.30	20.28		
100	PI/2 BPSK	135	0	20.24	20.31	20.30	20.7	0.0
100	PI/2 BPSK	135	69	20.20	20.27	20.27	20.7	0.0
100	PI/2 BPSK	135	138	20.17	20.35	20.22	20.7	0.0
100	PI/2 BPSK	270	0	20.26	20.30	20.21		
100	QPSK	1	1	20.29	20.39	20.33	20.7	0.0
100	QPSK	1	137	20.22	20.33	20.23		
100	QPSK	1	271	20.25	20.33	20.30		
100	QPSK	135	0	20.21	20.29	20.21	20.7	0.0
100	QPSK	135	69	20.24	20.36	20.29		
100	QPSK	135	138	20.15	20.34	20.21		
100	QPSK	270	0	20.22	20.30	20.26	20.7	0.0
100	16QAM	1	1	20.21	20.28	20.28	20.7	0.0
100	64QAM	1	1	20.17	20.29	20.20	20.7	0.0
100	256QAM	1	1	20.16	20.28	20.21	20.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.26	20.34	20.27	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.21	20.36	20.23	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.17	20.31	20.27	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.25	20.35	20.26	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.20	20.30	20.29	20.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.25	20.30	20.19	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.26	20.35	20.23	20.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.24	20.30	20.26	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.27	20.30	20.27	20.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.23	20.33	20.23	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.26	20.26	20.26	20.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.22	20.34	20.20	20.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.22	20.31	20.30	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.30	23.24	23.17	24.0	0.0
100	PI/2 BPSK	1	137	23.21	23.34	23.33		
100	PI/2 BPSK	1	271	23.14	23.36	23.29		
100	PI/2 BPSK	135	0	23.23	23.33	23.30	24.0	0.0
100	PI/2 BPSK	135	69	23.24	23.28	23.25	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.31	23.19	24.0	0.0
100	PI/2 BPSK	270	0	23.27	23.27	23.23		
100	QPSK	1	1	23.26	23.40	23.35	24.0	0.0
100	QPSK	1	137	23.18	23.38	23.21		
100	QPSK	1	271	23.26	23.27	23.29		
100	QPSK	135	0	23.22	23.23	23.26	24.0	0.0
100	QPSK	135	69	23.28	23.33	23.27		
100	QPSK	135	138	23.14	23.32	23.23		
100	QPSK	270	0	23.22	23.26	23.21	24.0	0.0
100	16QAM	1	1	23.26	23.23	23.32	24.0	0.0
100	64QAM	1	1	23.22	23.35	23.26	24.0	0.0
100	256QAM	1	1	23.20	23.33	23.18	24.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.31	23.30	23.31	24.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.31	23.32	23.26	24.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.23	23.39	23.21	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.20	23.38	23.30	24.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.21	23.34	23.29	24.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.17	23.29	23.27	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.22	23.39	23.22	24.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.12	23.26	23.30	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.29	23.29	23.32	24.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.23	23.38	23.24	24.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.25	23.35	23.22	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.28	23.32	23.30	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.29	23.37	23.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.11	19.10	19.05	20.0	0.0
40	PI/2 BPSK	1	53	19.06	19.16	19.04		
40	PI/2 BPSK	1	104	19.08	19.14	19.02		
40	PI/2 BPSK	50	0	19.03	19.11	18.99	20.0	0.0
40	PI/2 BPSK	50	28	19.04	19.05	19.03	20.0	0.0
40	PI/2 BPSK	50	56	19.10	19.09	19.07	20.0	0.0
40	PI/2 BPSK	100	0	19.12	19.15	19.06		
40	QPSK	1	1	19.16	19.19	19.12	20.0	0.0
40	QPSK	1	53	19.11	19.07	19.01		
40	QPSK	1	104	19.10	19.14	19.01		
40	QPSK	50	0	19.13	19.05	19.01	20.0	0.0
40	QPSK	50	28	19.10	19.14	19.00		
40	QPSK	50	56	19.11	19.09	19.07		
40	QPSK	100	0	19.09	19.11	19.08	20.0	0.0
40	16QAM	1	1	18.99	19.02	18.94	20.0	0.0
40	64QAM	1	1	18.99	19.07	19.02	20.0	0.0
40	256QAM	1	1	19.06	18.97	19.05	20.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.03	19.13	19.07	20.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.05	19.08	19.09	20.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.02	19.12	19.08	20.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.05	19.12	19.00	20.0	0.0

PC3 FR1 n77 PartO Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.68	17.70	17.68	18.2	0.0
100	PI/2 BPSK	1	137	17.65	17.73	17.77		
100	PI/2 BPSK	1	271	17.59	17.78	17.67		
100	PI/2 BPSK	135	0	17.63	17.69	17.66	18.2	0.0
100	PI/2 BPSK	135	69	17.70	17.72	17.73	18.2	0.0
100	PI/2 BPSK	135	138	17.66	17.73	17.75	18.2	0.0
100	PI/2 BPSK	270	0	17.59	17.72	17.75		
100	QPSK	1	1	17.73	17.82	17.79	18.2	0.0
100	QPSK	1	137	17.67	17.78	17.68		
100	QPSK	1	271	17.64	17.72	17.68		
100	QPSK	135	0	17.59	17.71	17.72	18.2	0.0
100	QPSK	135	69	17.68	17.77	17.72		
100	QPSK	135	138	17.61	17.70	17.68		
100	QPSK	270	0	17.70	17.71	17.66	18.2	0.0
100	16QAM	1	1	17.67	17.58	17.63	18.2	0.0
100	64QAM	1	1	17.66	17.57	17.56	18.2	0.0
100	256QAM	1	1	17.65	17.61	17.54	18.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.60	17.69	17.70	18.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.62	17.79	17.72	18.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.65	17.77	17.71	18.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.65	17.79	17.67	18.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.68	17.80	17.77	18.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.70	17.73	17.70	18.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.69	17.74	18.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.65	17.72	17.74	18.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.70	17.72	17.73	18.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.61	17.77	17.76	18.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.64	17.76	17.66	18.2	0.0

PC2 FR1 n77 PartO Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.56	20.67	20.62	21.5	0.0
100	PI/2 BPSK	1	137	20.65	20.72	20.57		
100	PI/2 BPSK	1	271	20.60	20.68	20.61		
100	PI/2 BPSK	135	0	20.64	20.67	20.67	21.5	0.0
100	PI/2 BPSK	135	69	20.57	20.70	20.61	21.5	0.0
100	PI/2 BPSK	135	138	20.65	20.74	20.60	21.5	0.0
100	PI/2 BPSK	270	0	20.64	20.68	20.60		
100	QPSK	1	1	20.67	20.79	20.71	21.5	0.0
100	QPSK	1	137	20.61	20.65	20.69		
100	QPSK	1	271	20.60	20.72	20.62		
100	QPSK	135	0	20.63	20.66	20.65	21.5	0.0
100	QPSK	135	69	20.61	20.76	20.59		
100	QPSK	135	138	20.63	20.67	20.66		
100	QPSK	270	0	20.62	20.74	20.60	21.5	0.0
100	16QAM	1	1	20.54	20.64	20.53	21.5	0.0
100	64QAM	1	1	20.48	20.63	20.47	21.5	0.0
100	256QAM	1	1	20.55	20.70	20.46	21.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.62	20.75	20.61	21.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.57	20.75	20.61	21.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.54	20.72	20.68	21.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.63	20.77	20.64	21.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.54	20.71	20.60	21.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.71	20.68	21.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.65	20.69	20.62	21.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	20.55	20.74	20.62	21.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.65	20.72	20.68	21.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.64	20.76	20.58	21.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.59	20.74	20.60	21.5	0.0

PC3 FR1 n77 PartQ Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.85		18.2	0.0
100	PI/2 BPSK	1	137		17.92			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		17.89		18.2	0.0
100	PI/2 BPSK	135	69		17.92		18.2	0.0
100	PI/2 BPSK	135	138		17.91		18.2	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		18.06		18.2	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		17.90			
100	QPSK	135	0		17.94		18.2	0.0
100	QPSK	135	69		17.98			
100	QPSK	135	138		17.92			
100	QPSK	270	0		17.87		18.2	0.0
100	16QAM	1	1		17.74		18.2	0.0
100	64QAM	1	1		17.79		18.2	0.0
100	256QAM	1	1		17.76		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.85	17.84	17.87	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.78	17.89	17.94	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.76	17.85	17.89	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.82	17.86	17.90	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.80	17.85	17.96	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.78	17.85	17.90	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.81	17.84	17.85	18.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.82	17.95	17.86	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.76	17.93	17.91	18.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.74	17.87	17.90	18.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.79	17.87	17.86	18.2	0.0

PC2 FR1 n77 PartQ Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.82		21.5	0.0
100	PI/2 BPSK	1	137		20.87			
100	PI/2 BPSK	1	271		20.90			
100	PI/2 BPSK	135	0		20.88		21.5	0.0
100	PI/2 BPSK	135	69		20.88		21.5	0.0
100	PI/2 BPSK	135	138		20.95		21.5	0.0
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.02		21.5	0.0
100	QPSK	1	137		20.82			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.86		21.5	0.0
100	QPSK	135	69		20.97			
100	QPSK	135	138		20.92			
100	QPSK	270	0		20.91		21.5	0.0
100	16QAM	1	1		20.81		21.5	0.0
100	64QAM	1	1		20.78		21.5	0.0
100	256QAM	1	1		20.86		21.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.84	20.92	20.83	21.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.84	20.91	20.84	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.76	20.92	20.78	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.80	20.92	20.82	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.77	21.01	20.87	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.79	20.92	20.78	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.79	21.00	20.81	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.85	20.96	20.85	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.78	20.98	20.80	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.87	20.97	20.79	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.87	20.92	20.76	21.5	0.0

PC3 FR1 n78 PartO Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.56		19.2	0.0
100	PI/2 BPSK	1	137		18.66			
100	PI/2 BPSK	1	271		18.67			
100	PI/2 BPSK	135	0		18.64		19.2	0.0
100	PI/2 BPSK	135	69		18.61		19.2	0.0
100	PI/2 BPSK	135	138		18.61		19.2	0.0
100	PI/2 BPSK	270	0		18.65			
100	QPSK	1	1		18.78		19.2	0.0
100	QPSK	1	137		18.71			
100	QPSK	1	271		18.64			
100	QPSK	135	0		18.60		19.2	0.0
100	QPSK	135	69		18.71			
100	QPSK	135	138		18.59			
100	QPSK	270	0		18.65		19.2	0.0
100	16QAM	1	1		18.45		19.2	0.0
100	64QAM	1	1		18.50		19.2	0.0
100	256QAM	1	1		18.54		19.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.52	18.65	18.56	19.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.53	18.57	18.60	19.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.47	18.61	18.55	19.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.52	18.55	18.56	19.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.46	18.59	18.54	19.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.48	18.64	18.62	19.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.54	18.54	18.64	19.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	18.52	18.59	18.65	19.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.44	18.65	18.54	19.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.44	18.54	18.61	19.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.45	18.60	18.56	19.2	0.0

PC2 FR1 n78 PartO Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.54		22.5	0.0
100	PI/2 BPSK	1	137		21.61			
100	PI/2 BPSK	1	271		21.69			
100	PI/2 BPSK	135	0		21.67		22.5	0.0
100	PI/2 BPSK	135	69		21.58		22.5	0.0
100	PI/2 BPSK	135	138		21.57		22.5	0.0
100	PI/2 BPSK	270	0		21.62			
100	QPSK	1	1		21.80		22.5	0.0
100	QPSK	1	137		21.76			
100	QPSK	1	271		21.65			
100	QPSK	135	0		21.61		22.5	0.0
100	QPSK	135	69		21.75			
100	QPSK	135	138		21.65			
100	QPSK	270	0		21.60		22.5	0.0
100	16QAM	1	1		21.43		22.5	0.0
100	64QAM	1	1		21.46		22.5	0.0
100	256QAM	1	1		21.56		22.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.54	21.63	21.53	22.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.54	21.68	21.60	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.68	21.51	22.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.55	21.64	21.60	22.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.49	21.62	21.61	22.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.52	21.71	21.62	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	21.48	21.61	21.52	22.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	21.56	21.67	21.56	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.54	21.67	21.52	22.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.52	21.67	21.59	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.54	21.68	21.57	22.5	0.0

PC3 FR1 n78 PartQ Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.76		19.2	0.0
100	PI/2 BPSK	1	137		18.84			
100	PI/2 BPSK	1	271		18.85			
100	PI/2 BPSK	135	0		18.81		19.2	0.0
100	PI/2 BPSK	135	69		18.80		19.2	0.0
100	PI/2 BPSK	135	138		18.82		19.2	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		18.95		19.2	0.0
100	QPSK	1	137		18.94			
100	QPSK	1	271		18.87			
100	QPSK	135	0		18.79		19.2	0.0
100	QPSK	135	69		18.89			
100	QPSK	135	138		18.82			
100	QPSK	270	0		18.83		19.2	0.0
100	16QAM	1	1		18.66		19.2	0.0
100	64QAM	1	1		18.74		19.2	0.0
100	256QAM	1	1		18.71		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.67	18.90	18.72	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.70	18.81	18.71	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.68	18.79	18.72	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.78	18.88	18.75	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.70	18.91	18.75	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.70	18.84	18.78	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.73	18.84	18.80	19.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.72	18.80	18.75	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.75	18.90	18.72	19.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.75	18.88	18.74	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.73	18.83	18.77	19.2	0.0

PC2 FR1 n78 PartQ Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.71		22.5	0.0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.91			
100	PI/2 BPSK	135	0		21.88		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.83		22.5	0.0
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		21.95		22.5	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.87			
100	QPSK	135	0		21.80		22.5	0.0
100	QPSK	135	69		21.94			
100	QPSK	135	138		21.87			
100	QPSK	270	0		21.83		22.5	0.0
100	16QAM	1	1		21.64		22.5	0.0
100	64QAM	1	1		21.72		22.5	0.0
100	256QAM	1	1		21.81		22.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.72	21.80	21.75	22.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.79	21.77	21.67	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.73	21.79	21.69	22.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.77	21.79	21.74	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.79	21.83	21.71	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.74	21.79	21.68	22.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.72	21.80	21.69	22.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.75	21.85	21.77	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.79	21.82	21.73	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.74	21.79	21.74	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.71	21.85	21.71	22.5	0.0

FR1 n2 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.01	22.14	22.05	22.8	0.0
40	PI/2 BPSK	1	108	22.03	22.17	22.06		
40	PI/2 BPSK	1	214	22.05	22.16	22.13		
40	PI/2 BPSK	108	0	22.06	22.15	22.13	22.8	0.0
40	PI/2 BPSK	108	54	22.04	22.10	22.04	22.8	0.0
40	PI/2 BPSK	108	108	21.97	22.10	22.09	22.8	0.0
40	PI/2 BPSK	216	0	21.98	22.13	22.04		
40	QPSK	1	1	22.11	22.22	22.18	22.8	0.0
40	QPSK	1	108	22.00	22.15	22.07		
40	QPSK	1	214	22.03	22.09	22.11		
40	QPSK	108	0	22.01	22.10	22.07	22.8	0.0
40	QPSK	108	54	22.06	22.16	22.13	22.8	0.0
40	QPSK	108	108	21.99	22.12	22.09	22.8	0.0
40	QPSK	216	0	22.03	22.14	22.09		
40	16QAM	1	1	22.03	22.09	22.08	22.8	0.0
40	64QAM	1	1	21.58	21.72	21.66	22.3	0.5
40	256QAM	1	1	19.65	19.72	19.63	20.3	2.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.01	22.17	22.12	22.8	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.00	22.08	22.13	22.8	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.00	22.18	22.15	22.8	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.06	22.14	22.11	22.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.04	22.13	22.07	22.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.01	22.10	22.12	22.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.99	22.14	22.06	22.8	0.0

FR1 n7 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.45	19.57	19.61	20.1	0.0
50	PI/2 BPSK	1	135	19.41	19.65	19.64		
50	PI/2 BPSK	1	268	19.49	19.59	19.60		
50	PI/2 BPSK	135	0	19.38	19.64	19.60	20.1	0.0
50	PI/2 BPSK	135	68	19.38	19.58	19.60	20.1	0.0
50	PI/2 BPSK	135	135	19.45	19.66	19.58	20.1	0.0
50	PI/2 BPSK	270	0	19.44	19.63	19.55		
50	QPSK	1	1	19.41	19.71	19.55	20.1	0.0
50	QPSK	1	135	19.48	19.58	19.66		
50	QPSK	1	268	19.44	19.58	19.60		
50	QPSK	135	0	19.44	19.57	19.60	20.1	0.0
50	QPSK	135	68	19.45	19.68	19.63	20.1	0.0
50	QPSK	135	135	19.47	19.67	19.63	20.1	0.0
50	QPSK	270	0	19.43	19.65	19.61		
50	16QAM	1	1	19.37	19.68	19.57	20.1	0.0
50	64QAM	1	1	19.43	19.60	19.58	20.1	0.0
50	256QAM	1	1	19.37	19.57	19.64	20.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.32	19.53	19.42	20.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.30	19.56	19.48	20.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.30	19.61	19.40	20.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.34	19.53	19.51	20.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.29	19.54	19.43	20.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.34	19.57	19.49	20.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.33	19.60	19.45	20.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.29	19.53	19.46	20.1	0.0

FR1 n25 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.14	22.29	22.19	22.8	0.0
40	PI/2 BPSK	1	108	22.18	22.30	22.14		
40	PI/2 BPSK	1	214	22.11	22.23	22.25		
40	PI/2 BPSK	108	0	22.16	22.32	22.26	22.8	0.0
40	PI/2 BPSK	108	54	22.20	22.16	22.14	22.8	0.0
40	PI/2 BPSK	108	108	22.06	22.17	22.16	22.8	0.0
40	PI/2 BPSK	216	0	22.15	22.29	22.17		
40	QPSK	1	1	22.27	22.38	22.35	22.8	0.0
40	QPSK	1	108	22.10	22.31	22.17		
40	QPSK	1	214	22.13	22.26	22.20		
40	QPSK	108	0	22.11	22.24	22.15	22.8	0.0
40	QPSK	108	54	22.15	22.31	22.26	22.8	0.0
40	QPSK	108	108	22.14	22.22	22.22	22.8	0.0
40	QPSK	216	0	22.16	22.28	22.17		
40	16QAM	1	1	22.10	22.18	22.16	22.8	0.0
40	64QAM	1	1	21.73	21.85	21.80	22.3	0.5
40	256QAM	1	1	19.79	19.85	19.69	20.3	2.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.13	22.24	22.23	22.8	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.11	22.35	22.19	22.8	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.19	22.24	22.25	22.8	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.10	22.31	22.27	22.8	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.11	22.26	22.22	22.8	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.13	22.34	22.27	22.8	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.18	22.23	22.27	22.8	0.0

FR1 n66 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.32	23.29	23.37	24.4	0.0
45	PI/2 BPSK	1	120	23.22	23.35	23.38		
45	PI/2 BPSK	1	240	23.27	23.42	23.35		
45	PI/2 BPSK	120	0	22.55	22.49	22.59	23.9	0.5
45	PI/2 BPSK	120	60	23.33	23.35	23.22	24.4	0.0
45	PI/2 BPSK	120	120	22.65	22.61	22.47	23.9	0.5
45	PI/2 BPSK	240	0	22.71	22.72	22.55		
45	QPSK	1	1	23.39	23.58	23.48	24.4	0.0
45	QPSK	1	120	23.44	23.32	23.37		
45	QPSK	1	240	23.23	23.35	23.25		
45	QPSK	120	0	22.21	22.27	22.24	23.4	1.0
45	QPSK	120	60	23.44	23.47	23.31	24.4	0.0
45	QPSK	120	120	22.25	22.32	22.32	23.4	1.0
45	QPSK	240	0	22.37	22.41	22.23		
45	16QAM	1	1	22.23	22.17	22.21	23.4	1.0
45	64QAM	1	1	21.12	21.24	21.22	21.9	2.5
45	256QAM	1	1	19.08	19.11	19.04	19.9	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.32	23.47	23.42	24.4	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.40	23.43	23.45	24.4	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.32	23.49	23.37	24.4	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.41	23.42	23.48	24.4	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.38	23.42	23.45	24.4	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.39	23.40	23.44	24.4	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.37	23.46	23.37	24.4	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.42	23.43	24.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	18.35	18.52	18.45	19.5	0.0
40	PI/2 BPSK	1	53	18.34	18.46	18.49		
40	PI/2 BPSK	1	104	18.43	18.53	18.40		
40	PI/2 BPSK	50	0	18.38	18.56	18.46	19.5	0.0
40	PI/2 BPSK	50	28	18.39	18.54	18.47	19.5	0.0
40	PI/2 BPSK	50	56	18.41	18.54	18.41	19.5	0.0
40	PI/2 BPSK	100	0	18.35	18.50	18.44		
40	QPSK	1	1	18.39	18.59	18.42	19.5	0.0
40	QPSK	1	53	18.35	18.50	18.43		
40	QPSK	1	104	18.35	18.54	18.46		
40	QPSK	50	0	18.40	18.48	18.50	19.5	0.0
40	QPSK	50	28	18.37	18.51	18.47		
40	QPSK	50	56	18.38	18.47	18.40		
40	QPSK	100	0	18.40	18.55	18.41	19.5	0.0
40	16QAM	1	1	18.43	18.50	18.45	19.5	0.0
40	64QAM	1	1	18.44	18.51	18.43	19.5	0.0
40	256QAM	1	1	18.38	18.48	18.44	19.5	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	18.30	18.43	18.34	19.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	18.31	18.36	18.31	19.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.25	18.46	18.37	19.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	18.26	18.46	18.33	19.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	18.23	18.39	18.29	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.20	18.26	18.15	19.2	0.0
100	PI/2 BPSK	1	137	18.15	18.21	18.18		
100	PI/2 BPSK	1	271	18.13	18.25	18.24		
100	PI/2 BPSK	135	0	18.14	18.33	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.12	18.24	18.22	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.25	18.14	19.2	0.0
100	PI/2 BPSK	270	0	18.16	18.23	18.25		
100	QPSK	1	1	18.14	18.35	18.18	19.2	0.0
100	QPSK	1	137	18.11	18.28	18.15		
100	QPSK	1	271	18.16	18.29	18.14		
100	QPSK	135	0	18.17	18.29	18.21	19.2	0.0
100	QPSK	135	69	18.14	18.31	18.21		
100	QPSK	135	138	18.11	18.28	18.25		
100	QPSK	270	0	18.13	18.27	18.18	19.2	0.0
100	16QAM	1	1	18.12	18.32	18.21	19.2	0.0
100	64QAM	1	1	18.14	18.27	18.14	19.2	0.0
100	256QAM	1	1	18.12	18.30	18.22	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.03	18.17	18.13	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.04	18.23	18.10	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.01	18.19	18.06	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.01	18.15	18.11	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.07	18.21	18.12	19.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.11	18.23	18.10	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.01	18.18	18.14	19.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.11	18.29	18.08	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.08	18.14	18.12	19.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.05	18.22	18.04	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.07	18.17	18.05	19.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.04	18.17	18.09	19.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.00	18.23	18.03	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.16	21.30	21.20	22.2	0.0
100	PI/2 BPSK	1	137	21.12	21.16	21.15		
100	PI/2 BPSK	1	271	21.11	21.29	21.25		
100	PI/2 BPSK	135	0	21.19	21.27	21.15	22.2	0.0
100	PI/2 BPSK	135	69	21.14	21.22	21.20	22.2	0.0
100	PI/2 BPSK	135	138	21.10	21.31	21.16	22.2	0.0
100	PI/2 BPSK	270	0	21.20	21.21	21.27		
100	QPSK	1	1	21.08	21.38	21.21	22.2	0.0
100	QPSK	1	137	21.16	21.32	21.18		
100	QPSK	1	271	21.15	21.29	21.14		
100	QPSK	135	0	21.20	21.28	21.21	22.2	0.0
100	QPSK	135	69	21.14	21.34	21.26		
100	QPSK	135	138	21.14	21.28	21.26		
100	QPSK	270	0	21.12	21.26	21.22	22.2	0.0
100	16QAM	1	1	21.08	21.34	21.18	22.2	0.0
100	64QAM	1	1	21.12	21.31	21.13	22.2	0.0
100	256QAM	1	1	21.16	21.25	21.16	22.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.00	21.13	21.15	22.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.03	21.22	21.12	22.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.05	21.12	21.10	22.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.04	21.17	21.16	22.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.03	21.14	21.14	22.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.95	21.25	21.17	22.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.07	21.15	21.12	22.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.01	21.30	21.17	22.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.05	21.15	21.15	22.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.07	21.16	21.12	22.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.00	21.12	21.12	22.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.08	21.20	21.08	22.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.06	21.22	21.16	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.29	17.38	17.32	18.5	0.0
40	PI/2 BPSK	1	53	17.24	17.30	17.30		
40	PI/2 BPSK	1	104	17.20	17.36	17.28		
40	PI/2 BPSK	50	0	17.36	17.36	17.33	18.5	0.0
40	PI/2 BPSK	50	28	17.22	17.36	17.26	18.5	0.0
40	PI/2 BPSK	50	56	17.30	17.33	17.27	18.5	0.0
40	PI/2 BPSK	100	0	17.30	17.42	17.37		
40	QPSK	1	1	17.39	17.45	17.24	18.5	0.0
40	QPSK	1	53	17.34	17.35	17.22		
40	QPSK	1	104	17.21	17.41	17.30		
40	QPSK	50	0	17.28	17.35	17.33	18.5	0.0
40	QPSK	50	28	17.29	17.39	17.24		
40	QPSK	50	56	17.35	17.35	17.25		
40	QPSK	100	0	17.34	17.40	17.29	18.5	0.0
40	16QAM	1	1	17.23	17.32	17.39	18.5	0.0
40	64QAM	1	1	17.25	17.42	17.24	18.5	0.0
40	256QAM	1	1	17.26	17.35	17.22	18.5	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.18	17.22	17.15	18.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.26	17.22	17.16	18.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.25	17.22	17.16	18.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.21	17.28	17.14	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.43	18.47	18.40	19.5	0.0
100	PI/2 BPSK	1	137	18.49	18.56	18.45		
100	PI/2 BPSK	1	271	18.37	18.56	18.47		
100	PI/2 BPSK	135	0	18.36	18.53	18.48	19.5	0.0
100	PI/2 BPSK	135	69	18.40	18.47	18.47	19.5	0.0
100	PI/2 BPSK	135	138	18.39	18.57	18.50	19.5	0.0
100	PI/2 BPSK	270	0	18.41	18.57	18.38		
100	QPSK	1	1	18.50	18.65	18.40	19.5	0.0
100	QPSK	1	137	18.48	18.54	18.42		
100	QPSK	1	271	18.49	18.46	18.50		
100	QPSK	135	0	18.43	18.57	18.40	19.5	0.0
100	QPSK	135	69	18.50	18.58	18.43		
100	QPSK	135	138	18.46	18.54	18.44		
100	QPSK	270	0	18.41	18.57	18.44	19.5	0.0
100	16QAM	1	1	18.46	18.52	18.45	19.5	0.0
100	64QAM	1	1	18.36	18.57	18.47	19.5	0.0
100	256QAM	1	1	18.36	18.59	18.39	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.27	18.49	18.36	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.35	18.47	18.37	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.31	18.46	18.38	19.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.32	18.45	18.40	19.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.35	18.41	18.36	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.28	18.48	18.30	19.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.35	18.46	18.35	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.34	18.44	18.39	19.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.34	18.43	18.32	19.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.31	18.48	18.30	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.35	18.41	18.34	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.47	21.52	21.48	23.0	0.0
100	PI/2 BPSK	1	137	21.48	21.47	21.42		
100	PI/2 BPSK	1	271	21.34	21.55	21.50		
100	PI/2 BPSK	135	0	21.46	21.53	21.47	23.0	0.0
100	PI/2 BPSK	135	69	21.53	21.52	21.47	23.0	0.0
100	PI/2 BPSK	135	138	21.41	21.59	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.44	21.56	21.34		
100	QPSK	1	1	21.43	21.64	21.46	23.0	0.0
100	QPSK	1	137	21.51	21.50	21.41		
100	QPSK	1	271	21.52	21.48	21.39		
100	QPSK	135	0	21.31	21.50	21.34	23.0	0.0
100	QPSK	135	69	21.49	21.61	21.50		
100	QPSK	135	138	21.50	21.53	21.44		
100	QPSK	270	0	21.35	21.57	21.47	23.0	0.0
100	16QAM	1	1	21.35	21.51	21.51	23.0	0.0
100	64QAM	1	1	21.45	21.62	21.30	23.0	0.0
100	256QAM	1	1	21.45	21.63	21.42	23.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.39	21.62	21.33	23.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.34	21.63	21.31	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.29	21.61	21.29	23.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.33	21.54	21.31	23.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.32	21.56	21.35	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.37	21.57	21.31	23.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.30	21.60	21.31	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	21.35	21.55	21.37	23.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.30	21.59	21.29	23.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.40	21.58	21.40	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.32	21.58	21.39	23.0	0.0

PC3 FR1 n77 PartQ Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.71		19.5	0.0
100	PI/2 BPSK	1	137		18.73			
100	PI/2 BPSK	1	271		18.70			
100	PI/2 BPSK	135	0		18.79		19.5	0.0
100	PI/2 BPSK	135	69		18.71		19.5	0.0
100	PI/2 BPSK	135	138		18.82		19.5	0.0
100	PI/2 BPSK	270	0		18.73			
100	QPSK	1	1		18.91		19.5	0.0
100	QPSK	1	137		18.73			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.75		19.5	0.0
100	QPSK	135	69		18.79			
100	QPSK	135	138		18.76			
100	QPSK	270	0		18.75		19.5	0.0
100	16QAM	1	1		18.75		19.5	0.0
100	64QAM	1	1		18.78		19.5	0.0
100	256QAM	1	1		18.75		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.51	18.73	18.58	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.52	18.64	18.56	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.53	18.65	18.51	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.49	18.66	18.60	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.52	18.74	18.53	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.47	18.73	18.55	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.45	18.70	18.59	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.52	18.72	18.51	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.50	18.74	18.59	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.45	18.64	18.54	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.42	18.72	18.55	19.5	0.0

PC2 FR1 n77 PartQ Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.75		23.0	0.0
100	PI/2 BPSK	1	137		21.70			
100	PI/2 BPSK	1	271		21.78			
100	PI/2 BPSK	135	0		21.77		23.0	0.0
100	PI/2 BPSK	135	69		21.70		23.0	0.0
100	PI/2 BPSK	135	138		21.76		23.0	0.0
100	PI/2 BPSK	270	0		21.81			
100	QPSK	1	1		21.88		23.0	0.0
100	QPSK	1	137		21.74			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.68		23.0	0.0
100	QPSK	135	69		21.83			
100	QPSK	135	138		21.74			
100	QPSK	270	0		21.82		23.0	0.0
100	16QAM	1	1		21.67		23.0	0.0
100	64QAM	1	1		21.83		23.0	0.0
100	256QAM	1	1		21.78		23.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.54	21.80	21.57	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.57	21.77	21.53	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.55	21.78	21.50	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.64	21.78	21.52	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.55	21.85	21.57	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.54	21.87	21.47	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.59	21.85	21.53	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.63	21.82	21.54	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.59	21.82	21.52	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.58	21.86	21.51	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.57	21.78	21.54	23.0	0.0

PC3 FR1 n78 PartO Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.86		20.0	0.0
100	PI/2 BPSK	1	137		18.98			
100	PI/2 BPSK	1	271		18.84			
100	PI/2 BPSK	135	0		18.93		20.0	0.0
100	PI/2 BPSK	135	69		18.79		20.0	0.0
100	PI/2 BPSK	135	138		18.88		20.0	0.0
100	PI/2 BPSK	270	0		18.88			
100	QPSK	1	1		19.04		20.0	0.0
100	QPSK	1	137		18.79			
100	QPSK	1	271		18.89			
100	QPSK	135	0		18.84		20.0	0.0
100	QPSK	135	69		18.94			
100	QPSK	135	138		18.87			
100	QPSK	270	0		18.89		20.0	0.0
100	16QAM	1	1		18.94		20.0	0.0
100	64QAM	1	1		18.87		20.0	0.0
100	256QAM	1	1		18.87		20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.80	18.79	18.82	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.73	18.90	18.78	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.75	18.84	18.75	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.80	18.88	18.82	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.79	18.79	18.74	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.80	18.85	18.74	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.77	18.86	18.83	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	18.78	18.89	18.79	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.79	18.81	18.81	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.72	18.81	18.73	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.73	18.86	18.78	20.0	0.0

PC2 FR1 n78 PartO Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.90		23.5	0.0
100	PI/2 BPSK	1	137		21.88			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.89		23.5	0.0
100	PI/2 BPSK	135	69		21.89		23.5	0.0
100	PI/2 BPSK	135	138		21.91		23.5	0.0
100	PI/2 BPSK	270	0		21.83			
100	QPSK	1	1		22.04		23.5	0.0
100	QPSK	1	137		21.86			
100	QPSK	1	271		22.00			
100	QPSK	135	0		21.93		23.5	0.0
100	QPSK	135	69		21.98			
100	QPSK	135	138		21.91			
100	QPSK	270	0		21.87		23.5	0.0
100	16QAM	1	1		21.94		23.5	0.0
100	64QAM	1	1		22.01		23.5	0.0
100	256QAM	1	1		21.76		23.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.97	21.90	21.81	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.93	21.85	21.87	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.99	21.87	21.84	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.92	21.88	21.86	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.89	21.89	21.85	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.97	21.89	21.90	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	21.89	21.81	21.78	23.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	21.91	21.83	21.84	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.97	21.86	21.80	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.96	21.81	21.79	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.99	21.91	21.86	23.5	0.0

PC3 FR1 n78 PartQ Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.79		20.0	0.0
100	PI/2 BPSK	1	137		18.94			
100	PI/2 BPSK	1	271		18.75			
100	PI/2 BPSK	135	0		18.82		20.0	0.0
100	PI/2 BPSK	135	69		18.74		20.0	0.0
100	PI/2 BPSK	135	138		18.87		20.0	0.0
100	PI/2 BPSK	270	0		18.82			
100	QPSK	1	1		18.97		20.0	0.0
100	QPSK	1	137		18.78			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.81		20.0	0.0
100	QPSK	135	69		18.93			
100	QPSK	135	138		18.81			
100	QPSK	270	0		18.86		20.0	0.0
100	16QAM	1	1		18.84		20.0	0.0
100	64QAM	1	1		18.85		20.0	0.0
100	256QAM	1	1		18.85		20.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.68	18.75	18.81	20.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.69	18.69	18.75	20.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.78	18.72	18.80	20.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.73	18.78	18.79	20.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.78	18.68	18.76	20.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.74	18.73	18.82	20.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.71	18.77	18.77	20.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.73	18.72	18.72	20.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.71	18.69	18.70	20.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.75	18.78	18.82	20.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.69	18.72	18.71	20.0	0.0

PC2 FR1 n78 PartQ Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.80		23.5	0.0
100	PI/2 BPSK	1	137		21.78			
100	PI/2 BPSK	1	271		21.84			
100	PI/2 BPSK	135	0		21.84		23.5	0.0
100	PI/2 BPSK	135	69		21.89		23.5	0.0
100	PI/2 BPSK	135	138		21.79		23.5	0.0
100	PI/2 BPSK	270	0		21.81			
100	QPSK	1	1		21.99		23.5	0.0
100	QPSK	1	137		21.77			
100	QPSK	1	271		21.98			
100	QPSK	135	0		21.84		23.5	0.0
100	QPSK	135	69		21.86			
100	QPSK	135	138		21.81			
100	QPSK	270	0		21.79		23.5	0.0
100	16QAM	1	1		21.83		23.5	0.0
100	64QAM	1	1		21.91		23.5	0.0
100	256QAM	1	1		21.75		23.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.89	21.82	21.77	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.93	21.81	21.80	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.91	21.85	21.77	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.90	21.80	21.72	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.86	21.89	21.77	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.90	21.87	21.77	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.89	21.89	21.73	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.89	21.89	21.73	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.87	21.86	21.80	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.89	21.89	21.70	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.92	21.79	21.75	23.5	0.0

FR1 n7 Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.83	21.92	21.88	22.6	0.0
50	PI/2 BPSK	1	135	21.82	21.93	21.96		
50	PI/2 BPSK	1	268	21.94	21.95	21.87		
50	PI/2 BPSK	135	0	21.89	22.02	21.98	22.6	0.0
50	PI/2 BPSK	135	68	21.77	21.88	21.89	22.6	0.0
50	PI/2 BPSK	135	135	21.75	21.91	21.82	22.6	0.0
50	PI/2 BPSK	270	0	21.81	21.83	21.92		
50	QPSK	1	1	21.83	22.03	21.90	22.6	0.0
50	QPSK	1	135	21.82	21.95	21.93		
50	QPSK	1	268	21.74	21.91	21.93		
50	QPSK	135	0	21.77	21.83	21.94	22.6	0.0
50	QPSK	135	68	21.79	21.97	21.94	22.6	0.0
50	QPSK	135	135	21.74	21.95	21.95	22.6	0.0
50	QPSK	270	0	21.86	21.95	21.83		
50	16QAM	1	1	21.83	21.89	21.86	22.6	0.0
50	64QAM	1	1	20.78	20.97	20.84	21.6	1.0
50	256QAM	1	1	18.88	19.06	18.95	19.6	3.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.71	21.89	21.77	22.6	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.72	22.00	21.77	22.6	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.75	21.93	21.88	22.6	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.73	21.92	21.86	22.6	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.70	21.91	21.82	22.6	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.74	21.94	21.83	22.6	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.74	21.89	21.87	22.6	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.80	21.95	21.88	22.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.02	22.13	21.97	22.9	0.0
45	PI/2 BPSK	1	120	22.15	22.17	22.00		
45	PI/2 BPSK	1	240	21.98	22.06	22.11		
45	PI/2 BPSK	120	0	22.09	22.15	22.01	22.9	0.0
45	PI/2 BPSK	120	60	22.04	22.03	21.93	22.9	0.0
45	PI/2 BPSK	120	120	22.03	22.08	22.07	22.9	0.0
45	PI/2 BPSK	240	0	22.10	22.05	22.09		
45	QPSK	1	1	22.08	22.20	22.04	22.9	0.0
45	QPSK	1	120	22.07	22.10	22.03		
45	QPSK	1	240	22.11	22.07	21.98		
45	QPSK	120	0	22.01	22.04	21.96	22.9	0.0
45	QPSK	120	60	21.97	22.13	21.96	22.9	0.0
45	QPSK	120	120	22.12	22.06	21.99	22.9	0.0
45	QPSK	240	0	22.05	22.06	21.97		
45	16QAM	1	1	21.98	22.09	22.04	22.9	0.0
45	64QAM	1	1	21.13	21.17	21.02	21.9	1.0
45	256QAM	1	1	19.08	19.23	19.01	19.9	3.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.89	21.97	21.97	22.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.93	22.01	21.96	22.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.97	21.94	21.92	22.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.89	21.98	21.99	22.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.89	22.00	21.94	22.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.96	22.01	22.00	22.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.98	21.94	21.93	22.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.88	21.95	21.91	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	20.46	20.47	20.58	21.8	0.0
40	PI/2 BPSK	1	53	20.42	20.55	20.47		
40	PI/2 BPSK	1	104	20.33	20.58	20.60		
40	PI/2 BPSK	50	0	20.50	20.57	20.54	21.8	0.0
40	PI/2 BPSK	50	28	20.38	20.53	20.55	21.8	0.0
40	PI/2 BPSK	50	56	20.34	20.53	20.52	21.8	0.0
40	PI/2 BPSK	100	0	20.49	20.51	20.59		
40	QPSK	1	1	20.49	20.63	20.47	21.8	0.0
40	QPSK	1	53	20.44	20.59	20.42		
40	QPSK	1	104	20.48	20.53	20.40		
40	QPSK	50	0	20.44	20.53	20.51	21.8	0.0
40	QPSK	50	28	20.37	20.57	20.50		
40	QPSK	50	56	20.35	20.45	20.46		
40	QPSK	100	0	20.50	20.51	20.45	21.8	0.0
40	16QAM	1	1	20.39	20.41	20.53	21.8	0.0
40	64QAM	1	1	20.47	20.51	20.47	21.8	0.0
40	256QAM	1	1	18.53	18.60	18.42	19.8	2.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	20.31	20.42	20.28	21.8	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.32	20.50	20.29	21.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.36	20.49	20.30	21.8	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	20.29	20.44	20.32	21.8	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	20.28	20.45	20.32	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.58	20.83	20.63	21.7	0.0
100	PI/2 BPSK	1	137	20.57	20.76	20.62		
100	PI/2 BPSK	1	271	20.57	20.78	20.68		
100	PI/2 BPSK	135	0	20.64	20.72	20.78	21.7	0.0
100	PI/2 BPSK	135	69	20.63	20.82	20.66	21.7	0.0
100	PI/2 BPSK	135	138	20.59	20.84	20.72	21.7	0.0
100	PI/2 BPSK	270	0	20.71	20.87	20.69		
100	QPSK	1	1	20.63	20.90	20.62	21.7	0.0
100	QPSK	1	137	20.59	20.75	20.67		
100	QPSK	1	271	20.72	20.73	20.69		
100	QPSK	135	0	20.63	20.69	20.69	21.7	0.0
100	QPSK	135	69	20.61	20.87	20.72		
100	QPSK	135	138	20.65	20.86	20.66		
100	QPSK	270	0	20.67	20.85	20.67	21.7	0.0
100	16QAM	1	1	20.68	20.86	20.64	21.7	0.0
100	64QAM	1	1	20.52	20.77	20.77	21.7	0.0
100	256QAM	1	1	18.62	18.90	18.66	19.7	2.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.36	20.62	20.54	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.47	20.57	20.51	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.48	20.59	20.57	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.46	20.65	20.51	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.39	20.57	20.58	21.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.56	20.77	20.48	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.45	20.56	20.56	21.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.57	20.85	20.54	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.39	20.61	20.58	21.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.42	20.54	20.60	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.38	20.53	20.55	21.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.40	20.62	20.58	21.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.40	20.62	20.59	21.7	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.00	16.94	16.93	17.7	0.0
40	PI/2 BPSK	1	53	16.97	17.11	16.98		
40	PI/2 BPSK	1	104	16.92	17.13	17.03		
40	PI/2 BPSK	50	0	17.08	17.00	17.02	17.7	0.0
40	PI/2 BPSK	50	28	16.95	17.00	17.01	17.7	0.0
40	PI/2 BPSK	50	56	17.04	17.00	16.97	17.7	0.0
40	PI/2 BPSK	100	0	17.00	16.97	16.97		
40	QPSK	1	1	17.08	17.16	16.98	17.7	0.0
40	QPSK	1	53	16.98	16.98	16.97		
40	QPSK	1	104	17.08	17.15	17.03		
40	QPSK	50	0	17.08	17.02	17.05	17.7	0.0
40	QPSK	50	28	16.99	17.09	16.99		
40	QPSK	50	56	17.01	16.99	17.00		
40	QPSK	100	0	16.96	17.06	16.92	17.7	0.0
40	16QAM	1	1	17.08	16.99	17.02	17.7	0.0
40	64QAM	1	1	17.00	17.05	16.94	17.7	0.0
40	256QAM	1	1	16.08	16.19	15.92	16.7	1.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.94	16.99	16.87	17.7	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.95	16.92	16.80	17.7	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.04	17.01	16.86	17.7	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.02	16.93	16.77	17.7	0.0

PC3 FR1 n77 PartO Ant8 DSI4

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	19.16	18.94	19.8	0.0
100	PI/2 BPSK	1	137	19.09	19.12	19.03		
100	PI/2 BPSK	1	271	19.03	19.08	19.05		
100	PI/2 BPSK	135	0	18.99	19.18	19.02	19.8	0.0
100	PI/2 BPSK	135	69	19.05	19.10	19.07	19.8	0.0
100	PI/2 BPSK	135	138	19.03	19.06	18.97	19.8	0.0
100	PI/2 BPSK	270	0	19.08	19.14	19.07		
100	QPSK	1	1	19.01	19.19	19.06	19.8	0.0
100	QPSK	1	137	18.92	19.02	19.09		
100	QPSK	1	271	19.09	19.04	19.01		
100	QPSK	135	0	19.01	19.10	19.06	19.8	0.0
100	QPSK	135	69	19.10	19.12	19.06		
100	QPSK	135	138	19.10	19.01	19.03		
100	QPSK	270	0	19.03	19.09	19.06	19.8	0.0
100	16QAM	1	1	19.05	19.17	19.08	19.8	0.0
100	64QAM	1	1	18.97	19.11	19.07	19.8	0.0
100	256QAM	1	1	17.51	17.71	17.52	18.3	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.86	19.07	18.91	19.8	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.92	19.00	18.95	19.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.97	19.05	18.87	19.8	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.94	19.00	18.94	19.8	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.93	19.05	18.87	19.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.89	19.00	18.92	19.8	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.87	19.05	18.91	19.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.97	19.09	18.88	19.8	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.95	19.08	18.93	19.8	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.96	19.08	18.85	19.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.90	19.02	18.86	19.8	0.0

PC2 FR1 n77 PartO Ant8 DSI4

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.05	22.13	21.88	23.3	0.0
100	PI/2 BPSK	1	137	22.07	22.09	21.99		
100	PI/2 BPSK	1	271	22.03	22.09	22.04		
100	PI/2 BPSK	135	0	21.97	22.18	22.02	23.3	0.0
100	PI/2 BPSK	135	69	22.03	22.09	22.01	23.3	0.0
100	PI/2 BPSK	135	138	22.05	22.11	21.96	23.3	0.0
100	PI/2 BPSK	270	0	22.07	22.13	22.04		
100	QPSK	1	1	21.98	22.24	22.06	23.3	0.0
100	QPSK	1	137	21.90	22.05	22.08		
100	QPSK	1	271	22.05	21.98	22.00		
100	QPSK	135	0	21.99	22.12	22.00	23.3	0.0
100	QPSK	135	69	22.09	22.17	22.02		
100	QPSK	135	138	22.13	22.00	22.06		
100	QPSK	270	0	22.01	22.13	22.11	23.3	0.0
100	16QAM	1	1	22.02	22.19	22.11	23.3	0.0
100	64QAM	1	1	21.99	22.09	22.11	23.3	0.0
100	256QAM	1	1	20.54	20.72	20.53	21.8	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.87	22.08	21.93	23.3	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.83	22.12	21.88	23.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.88	22.04	21.85	23.3	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.83	22.01	21.86	23.3	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.85	22.13	21.96	23.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.90	22.12	21.86	23.3	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.82	22.03	21.86	23.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	21.89	22.06	21.92	23.3	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.88	22.06	21.93	23.3	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.83	22.05	21.91	23.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.83	22.07	21.97	23.3	0.0

PC3 FR1 n77 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.35		19.8	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.29			
100	PI/2 BPSK	135	0		18.42		19.8	0.0
100	PI/2 BPSK	135	69		18.31		19.8	0.0
100	PI/2 BPSK	135	138		18.34		19.8	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.47		19.8	0.0
100	QPSK	1	137		18.29			
100	QPSK	1	271		18.31			
100	QPSK	135	0		18.34		19.8	0.0
100	QPSK	135	69		18.39			
100	QPSK	135	138		18.26			
100	QPSK	270	0		18.37		19.8	0.0
100	16QAM	1	1		18.45		19.8	0.0
100	64QAM	1	1		18.31		19.8	0.0
100	256QAM	1	1		16.89		18.3	1.5
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	18.32	18.42	18.43	19.8	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	18.33	18.32	18.35	19.8	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	18.32	18.37	18.39	19.8	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	18.40	18.33	18.31	19.8	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	18.33	18.40	18.34	19.8	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	18.34	18.39	18.35	19.8	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	18.37	18.39	18.36	19.8	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	18.42	18.37	18.36	19.8	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	18.39	18.36	18.41	19.8	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	18.37	18.39	18.40	19.8	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	18.41	18.37	18.40	19.8	0.0

PC2 FR1 n77 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.35		23.3	0.0
100	PI/2 BPSK	1	137		21.37			
100	PI/2 BPSK	1	271		21.36			
100	PI/2 BPSK	135	0		21.37		23.3	0.0
100	PI/2 BPSK	135	69		21.30		23.3	0.0
100	PI/2 BPSK	135	138		21.30		23.3	0.0
100	PI/2 BPSK	270	0		21.31			
100	QPSK	1	1		21.47		23.3	0.0
100	QPSK	1	137		21.31			
100	QPSK	1	271		21.32			
100	QPSK	135	0		21.30		23.3	0.0
100	QPSK	135	69		21.41			
100	QPSK	135	138		21.26			
100	QPSK	270	0		21.40		23.3	0.0
100	16QAM	1	1		21.43		23.3	0.0
100	64QAM	1	1		21.35		23.3	0.0
100	256QAM	1	1		20.31		22.3	1.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	21.41	21.34	21.42	23.3	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	21.35	21.36	21.32	23.3	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	21.35	21.33	21.41	23.3	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	21.35	21.41	21.38	23.3	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	21.42	21.38	21.33	23.3	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	21.41	21.32	21.35	23.3	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	21.36	21.32	21.36	23.3	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	21.37	21.40	21.42	23.3	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	21.41	21.42	21.37	23.3	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	21.40	21.35	21.43	23.3	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	21.42	21.41	21.39	23.3	0.0

PC3 FR1 n78 PartO Ant8 DSI4

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.64		19.2	0.0
100	PI/2 BPSK	1	137		18.66			
100	PI/2 BPSK	1	271		18.59			
100	PI/2 BPSK	135	0		18.64		19.2	0.0
100	PI/2 BPSK	135	69		18.54		19.2	0.0
100	PI/2 BPSK	135	138		18.62		19.2	0.0
100	PI/2 BPSK	270	0		18.66			
100	QPSK	1	1		18.74		19.2	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.58			
100	QPSK	135	0		18.65		19.2	0.0
100	QPSK	135	69		18.67			
100	QPSK	135	138		18.66			
100	QPSK	270	0		18.58		19.2	0.0
100	16QAM	1	1		18.60		19.2	0.0
100	64QAM	1	1		18.56		19.2	0.0
100	256QAM	1	1		17.69		18.2	1.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	18.62	18.60	18.59	19.2	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	18.63	18.61	18.51	19.2	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	18.61	18.61	18.58	19.2	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	18.54	18.60	18.55	19.2	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	18.60	18.59	18.58	19.2	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	18.52	18.55	18.60	19.2	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	18.59	18.55	18.53	19.2	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	18.56	18.52	18.56	19.2	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	18.64	18.52	18.52	19.2	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	18.53	18.63	18.56	19.2	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	18.62	18.55	18.48	19.2	0.0

PC2 FR1 n78 PartO Ant8 DSI4

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.64		22.7	0.0
100	PI/2 BPSK	1	137		21.61			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.61		22.7	0.0
100	PI/2 BPSK	135	69		21.53		22.7	0.0
100	PI/2 BPSK	135	138		21.64		22.7	0.0
100	PI/2 BPSK	270	0		21.66			
100	QPSK	1	1		21.75		22.7	0.0
100	QPSK	1	137		21.67			
100	QPSK	1	271		21.54			
100	QPSK	135	0		21.71		22.7	0.0
100	QPSK	135	69		21.69			
100	QPSK	135	138		21.70			
100	QPSK	270	0		21.63		22.7	0.0
100	16QAM	1	1		21.65		22.7	0.0
100	64QAM	1	1		21.52		22.7	0.0
100	256QAM	1	1		20.69		21.7	1.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	21.64	21.57	21.61	22.7	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	21.66	21.58	21.63	22.7	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	21.60	21.59	21.58	22.7	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	21.56	21.57	21.61	22.7	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	21.59	21.63	21.64	22.7	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	21.68	21.64	21.54	22.7	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	21.63	21.59	21.62	22.7	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	21.56	21.58	21.61	22.7	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	21.63	21.64	21.59	22.7	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	21.62	21.64	21.62	22.7	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	21.58	21.63	21.59	22.7	0.0

PC3 FR1 n78 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.98		19.2	0.0
100	PI/2 BPSK	1	137		18.03			
100	PI/2 BPSK	1	271		18.07			
100	PI/2 BPSK	135	0		18.02		19.2	0.0
100	PI/2 BPSK	135	69		18.05		19.2	0.0
100	PI/2 BPSK	135	138		18.10		19.2	0.0
100	PI/2 BPSK	270	0		17.93			
100	QPSK	1	1		18.13		19.2	0.0
100	QPSK	1	137		18.07			
100	QPSK	1	271		18.11			
100	QPSK	135	0		18.03		19.2	0.0
100	QPSK	135	69		18.08			
100	QPSK	135	138		17.96			
100	QPSK	270	0		18.03		19.2	0.0
100	16QAM	1	1		18.03		19.2	0.0
100	64QAM	1	1		17.98		19.2	0.0
100	256QAM	1	1		17.07		17.7	1.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	17.80	17.86	17.89	19.2	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	17.86	17.85	17.78	19.2	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	17.80	17.84	17.82	19.2	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	17.83	17.79	17.83	19.2	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	17.85	17.78	17.88	19.2	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	17.86	17.79	17.87	19.2	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	17.82	17.84	17.87	19.2	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	17.80	17.77	17.89	19.2	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	17.81	17.87	17.82	19.2	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	17.84	17.84	17.81	19.2	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	17.84	17.76	17.79	19.2	0.0

PC2 FR1 n78 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.96		22.7	0.0
100	PI/2 BPSK	1	137		21.03			
100	PI/2 BPSK	1	271		21.09			
100	PI/2 BPSK	135	0		21.00		22.7	0.0
100	PI/2 BPSK	135	69		21.06		22.7	0.0
100	PI/2 BPSK	135	138		21.08		22.7	0.0
100	PI/2 BPSK	270	0		20.87			
100	QPSK	1	1		21.15		22.7	0.0
100	QPSK	1	137		21.08			
100	QPSK	1	271		21.11			
100	QPSK	135	0		20.97		22.7	0.0
100	QPSK	135	69		21.10			
100	QPSK	135	138		20.98			
100	QPSK	270	0		21.05		22.7	0.0
100	16QAM	1	1		21.07		22.7	0.0
100	64QAM	1	1		21.04		22.7	0.0
100	256QAM	1	1		20.13		21.7	1.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	20.84	20.87	20.94	22.7	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	20.79	20.88	20.85	22.7	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	20.76	20.84	20.87	22.7	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	20.75	20.84	20.93	22.7	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	20.77	20.89	20.88	22.7	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	20.80	20.88	20.89	22.7	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	20.80	20.91	20.87	22.7	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	20.83	20.86	20.90	22.7	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	20.80	20.83	20.89	22.7	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	20.84	20.92	20.93	22.7	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	20.81	20.85	20.93	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.99	16.27	16.22	17.2	0.0
40	PI/2 BPSK	1	53	16.06	16.30	16.20		
40	PI/2 BPSK	1	104	16.05	16.32	16.23		
40	PI/2 BPSK	50	0	16.07	16.35	16.25	17.2	0.0
40	PI/2 BPSK	50	28	16.01	16.37	16.24	17.2	0.0
40	PI/2 BPSK	50	56	16.07	16.33	16.19	17.2	0.0
40	PI/2 BPSK	100	0	15.99	16.32	16.21		
40	QPSK	1	1	16.01	16.45	16.26	17.2	0.0
40	QPSK	1	53	16.07	16.35	16.25		
40	QPSK	1	104	15.99	16.31	16.26		
40	QPSK	50	0	16.05	16.30	16.28	17.2	0.0
40	QPSK	50	28	15.97	16.35	16.22		
40	QPSK	50	56	15.96	16.34	16.22		
40	QPSK	100	0	16.05	16.34	16.27	17.2	0.0
40	16QAM	1	1	15.99	16.30	16.28	17.2	0.0
40	64QAM	1	1	16.07	16.26	16.23	17.2	0.0
40	256QAM	1	1	15.97	16.35	16.24	17.2	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.89	16.20	16.16	17.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.87	16.28	16.16	17.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.90	16.21	16.17	17.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.85	16.26	16.16	17.2	0.0

PC3 FR1 n77 PartO Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.22	16.34	16.25	17.4	0.0
100	PI/2 BPSK	1	137	16.23	16.40	16.24		
100	PI/2 BPSK	1	271	16.25	16.40	16.28		
100	PI/2 BPSK	135	0	16.23	16.28	16.20	17.4	0.0
100	PI/2 BPSK	135	69	16.19	16.36	16.22	17.4	0.0
100	PI/2 BPSK	135	138	16.25	16.34	16.28	17.4	0.0
100	PI/2 BPSK	270	0	16.27	16.29	16.28		
100	QPSK	1	1	16.25	16.45	16.19	17.4	0.0
100	QPSK	1	137	16.20	16.29	16.20		
100	QPSK	1	271	16.22	16.34	16.28		
100	QPSK	135	0	16.24	16.34	16.29	17.4	0.0
100	QPSK	135	69	16.21	16.36	16.21		
100	QPSK	135	138	16.24	16.30	16.19		
100	QPSK	270	0	16.29	16.37	16.28	17.4	0.0
100	16QAM	1	1	16.28	16.30	16.27	17.4	0.0
100	64QAM	1	1	16.26	16.37	16.29	17.4	0.0
100	256QAM	1	1	16.27	16.38	16.27	17.4	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.21	16.27	16.04	17.4	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.19	16.23	16.14	17.4	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.11	16.27	16.14	17.4	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.14	16.34	16.13	17.4	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.17	16.30	16.14	17.4	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.14	16.31	16.04	17.4	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	16.19	16.31	16.15	17.4	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	16.09	16.28	16.12	17.4	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.21	16.31	16.13	17.4	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.13	16.29	16.08	17.4	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.18	16.24	16.08	17.4	0.0

PC2 FR1 n77 PartO Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.24	19.37	19.21	20.9	0.0
100	PI/2 BPSK	1	137	19.21	19.46	19.27		
100	PI/2 BPSK	1	271	19.20	19.37	19.29		
100	PI/2 BPSK	135	0	19.23	19.28	19.18	20.9	0.0
100	PI/2 BPSK	135	69	19.14	19.39	19.24	20.9	0.0
100	PI/2 BPSK	135	138	19.30	19.35	19.27	20.9	0.0
100	PI/2 BPSK	270	0	19.29	19.27	19.28		
100	QPSK	1	1	19.30	19.48	19.16	20.9	0.0
100	QPSK	1	137	19.20	19.34	19.24		
100	QPSK	1	271	19.22	19.35	19.31		
100	QPSK	135	0	19.29	19.33	19.25	20.9	0.0
100	QPSK	135	69	19.21	19.39	19.22		
100	QPSK	135	138	19.28	19.36	19.20		
100	QPSK	270	0	19.30	19.39	19.23	20.9	0.0
100	16QAM	1	1	19.34	19.25	19.31	20.9	0.0
100	64QAM	1	1	19.30	19.43	19.29	20.9	0.0
100	256QAM	1	1	19.24	19.36	19.26	20.9	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.19	19.34	19.09	20.9	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.20	19.43	19.12	20.9	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.19	19.42	19.11	20.9	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.20	19.40	19.02	20.9	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.26	19.37	19.08	20.9	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.22	19.37	19.01	20.9	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	19.23	19.44	19.07	20.9	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	19.18	19.40	19.09	20.9	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.24	19.44	19.06	20.9	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.24	19.40	19.10	20.9	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.20	19.35	19.07	20.9	0.0

PC3 FR1 n77 PartQ Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.53		17.4	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.52			
100	PI/2 BPSK	135	0		16.50		17.4	0.0
100	PI/2 BPSK	135	69		16.50		17.4	0.0
100	PI/2 BPSK	135	138		16.52		17.4	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.55		17.4	0.0
100	QPSK	1	137		16.50			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.51		17.4	0.0
100	QPSK	135	69		16.52			
100	QPSK	135	138		16.46			
100	QPSK	270	0		16.46		17.4	0.0
100	16QAM	1	1		16.49		17.4	0.0
100	64QAM	1	1		16.50		17.4	0.0
100	256QAM	1	1		16.51		17.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.43	16.39	16.38	17.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.43	16.36	16.36	17.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.38	16.43	16.36	17.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.42	16.39	16.43	17.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.38	16.40	16.35	17.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.43	16.42	16.37	17.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.43	16.46	16.44	17.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.38	16.35	16.42	17.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.44	16.44	16.43	17.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.36	16.36	16.35	17.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.45	16.38	16.41	17.4	0.0

PC2 FR1 n77 PartQ Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.50		20.9	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.49			
100	PI/2 BPSK	135	0		19.44		20.9	0.0
100	PI/2 BPSK	135	69		19.46		20.9	0.0
100	PI/2 BPSK	135	138		19.54		20.9	0.0
100	PI/2 BPSK	270	0		19.47			
100	QPSK	1	1		19.59		20.9	0.0
100	QPSK	1	137		19.49			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.52		20.9	0.0
100	QPSK	135	69		19.54			
100	QPSK	135	138		19.43			
100	QPSK	270	0		19.42		20.9	0.0
100	16QAM	1	1		19.49		20.9	0.0
100	64QAM	1	1		19.53		20.9	0.0
100	256QAM	1	1		19.56		20.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.45	19.43	19.40	20.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.44	19.40	19.43	20.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.47	19.41	19.40	20.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.44	19.47	19.44	20.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.40	19.47	19.45	20.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.44	19.42	19.45	20.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.41	19.50	19.51	20.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.44	19.47	19.45	20.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.43	19.49	19.45	20.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.41	19.43	19.50	20.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.42	19.51	19.46	20.9	0.0

PC3 FR1 n78 PartO Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.52		17.4	0.0
100	PI/2 BPSK	1	137		16.56			
100	PI/2 BPSK	1	271		16.49			
100	PI/2 BPSK	135	0		16.45		17.4	0.0
100	PI/2 BPSK	135	69		16.49		17.4	0.0
100	PI/2 BPSK	135	138		16.47		17.4	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.59		17.4	0.0
100	QPSK	1	137		16.46			
100	QPSK	1	271		16.50			
100	QPSK	135	0		16.47		17.4	0.0
100	QPSK	135	69		16.55			
100	QPSK	135	138		16.50			
100	QPSK	270	0		16.55		17.4	0.0
100	16QAM	1	1		16.48		17.4	0.0
100	64QAM	1	1		16.49		17.4	0.0
100	256QAM	1	1		16.50		17.4	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.33	16.42	16.34	17.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.37	16.34	16.41	17.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.38	16.33	16.38	17.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.31	16.33	16.40	17.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.36	16.33	16.35	17.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.40	16.34	16.33	17.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.32	16.42	16.31	17.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.39	16.33	16.37	17.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.32	16.37	16.36	17.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.31	16.34	16.40	17.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.39	16.33	16.33	17.4	0.0

PC2 FR1 n78 PartO Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.56		20.9	0.0
100	PI/2 BPSK	1	137		19.58			
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.42		20.9	0.0
100	PI/2 BPSK	135	69		19.47		20.9	0.0
100	PI/2 BPSK	135	138		19.49		20.9	0.0
100	PI/2 BPSK	270	0		19.48			
100	QPSK	1	1		19.65		20.9	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.47		20.9	0.0
100	QPSK	135	69		19.59			
100	QPSK	135	138		19.46			
100	QPSK	270	0		19.50		20.9	0.0
100	16QAM	1	1		19.53		20.9	0.0
100	64QAM	1	1		19.49		20.9	0.0
100	256QAM	1	1		19.50		20.9	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.61	19.52	19.52	20.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.57	19.57	19.50	20.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.52	19.60	19.59	20.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.52	19.57	19.51	20.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.58	19.52	19.57	20.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.60	19.50	19.54	20.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.51	19.58	19.56	20.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.51	19.57	19.60	20.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.57	19.59	19.61	20.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.60	19.53	19.60	20.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.58	19.57	19.51	20.9	0.0

PC3 FR1 n78 PartQ Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.29		17.4	0.0
100	PI/2 BPSK	1	137		16.31			
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.33		17.4	0.0
100	PI/2 BPSK	135	69		16.25		17.4	0.0
100	PI/2 BPSK	135	138		16.27		17.4	0.0
100	PI/2 BPSK	270	0		16.34			
100	QPSK	1	1		16.44		17.4	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.30			
100	QPSK	135	0		16.33		17.4	0.0
100	QPSK	135	69		16.35			
100	QPSK	135	138		16.29			
100	QPSK	270	0		16.26		17.4	0.0
100	16QAM	1	1		16.34		17.4	0.0
100	64QAM	1	1		16.32		17.4	0.0
100	256QAM	1	1		16.28		17.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.28	16.26	16.27	17.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.22	16.22	16.21	17.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.21	16.29	16.20	17.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.22	16.21	16.24	17.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.20	16.24	16.19	17.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.27	16.20	16.27	17.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.23	16.21	16.20	17.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.25	16.20	16.27	17.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.26	16.26	16.25	17.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.29	16.28	16.20	17.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.27	16.22	16.22	17.4	0.0

PC2 FR1 n78 PartQ Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.27		20.9	0.0
100	PI/2 BPSK	1	137		19.34			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.34		20.9	0.0
100	PI/2 BPSK	135	69		19.20		20.9	0.0
100	PI/2 BPSK	135	138		19.28		20.9	0.0
100	PI/2 BPSK	270	0		19.38			
100	QPSK	1	1		19.48		20.9	0.0
100	QPSK	1	137		19.26			
100	QPSK	1	271		19.28			
100	QPSK	135	0		19.33		20.9	0.0
100	QPSK	135	69		19.39			
100	QPSK	135	138		19.31			
100	QPSK	270	0		19.28		20.9	0.0
100	16QAM	1	1		19.33		20.9	0.0
100	64QAM	1	1		19.31		20.9	0.0
100	256QAM	1	1		19.33		20.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.39	19.44	19.36	20.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.34	19.40	19.40	20.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.34	19.33	19.35	20.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.34	19.39	19.38	20.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.40	19.34	19.36	20.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.35	19.34	19.40	20.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.39	19.42	19.35	20.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.39	19.37	19.35	20.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.32	19.33	19.43	20.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.34	19.40	19.33	20.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.36	19.38	19.41	20.9	0.0

Reduced Power Mode for DSI 4

FR1 n5 Ant0 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.29	25.29	25.16	25.7	0.0
20	PI/2 BPSK	1	53	25.28	25.27	25.26		
20	PI/2 BPSK	1	104	25.13	25.15	25.07		
20	PI/2 BPSK	50	0	24.41	24.82	24.54	25.2	0.5
20	PI/2 BPSK	50	28	25.31	25.26	25.07	25.7	0.0
20	PI/2 BPSK	50	56	24.59	24.69	24.77	25.2	0.5
20	PI/2 BPSK	100	0	24.50	24.45	24.71		
20	QPSK	1	1	25.30	25.37	25.28	25.7	0.0
20	QPSK	1	53	25.17	25.33	25.07		
20	QPSK	1	104	25.18	25.01	24.96		
20	QPSK	50	0	24.00	24.17	23.91	24.7	1.0
20	QPSK	50	28	24.90	25.35	24.88	25.7	0.0
20	QPSK	50	56	23.99	24.11	24.06	24.7	1.0
20	QPSK	100	0	24.27	24.31	24.14		
20	16QAM	1	1	24.14	24.11	24.00	24.7	1.0
20	64QAM	1	1	22.44	22.68	22.82	23.2	2.5
20	256QAM	1	1	20.46	20.45	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.34	25.21	25.16	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.30	25.29	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.15	25.14	25.34	25.7	0.0

FR1 n12 Ant0 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.41	24.57	24.51	25.5	0.0
15	PI/2 BPSK	1	40	24.38	24.54	24.37		
15	PI/2 BPSK	1	77	24.29	24.46	24.25		
15	PI/2 BPSK	36	0	23.94	24.05	23.86	25.0	0.5
15	PI/2 BPSK	36	22	24.45	24.44	24.23	25.5	0.0
15	PI/2 BPSK	36	43	23.81	24.02	23.91	25.0	0.5
15	PI/2 BPSK	75	0	24.02	24.04	24.02		
15	QPSK	1	1	24.43	24.63	24.53	25.5	0.0
15	QPSK	1	40	24.45	24.54	24.55		
15	QPSK	1	77	24.54	24.59	24.52		
15	QPSK	36	0	23.52	23.52	23.41	24.5	1.0
15	QPSK	36	22	24.57	24.57	24.48	25.5	0.0
15	QPSK	36	43	23.34	23.53	23.53	24.5	1.0
15	QPSK	75	0	23.47	23.56	23.44		
15	16QAM	1	1	23.69	23.67	23.65	24.5	1.0
15	64QAM	1	1	22.02	22.23	22.05	23.0	2.5
15	256QAM	1	1	19.97	20.09	20.07	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.62	24.51	24.56	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.52	24.58	24.57	25.5	0.0

FR1 n26 Ant0 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.20	25.18	25.03	25.7	0.0
20	PI/2 BPSK	1	53	25.15	25.23	25.25		
20	PI/2 BPSK	1	104	25.01	25.15	25.19		
20	PI/2 BPSK	50	0	24.56	24.67	24.55	25.2	0.5
20	PI/2 BPSK	50	28	25.20	25.13	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.54	24.67	24.78	25.2	0.5
20	PI/2 BPSK	100	0	24.47	24.59	24.73		
20	QPSK	1	1	25.19	25.26	25.22	25.7	0.0
20	QPSK	1	53	25.18	25.24	25.14		
20	QPSK	1	104	25.13	24.99	25.04		
20	QPSK	50	0	23.94	24.04	24.04	24.7	1.0
20	QPSK	50	28	25.03	25.21	25.02	25.7	0.0
20	QPSK	50	56	24.06	24.15	24.05	24.7	1.0
20	QPSK	100	0	24.16	24.22	24.17		
20	16QAM	1	1	24.03	24.12	24.06	24.7	1.0
20	64QAM	1	1	22.58	22.67	22.79	23.2	2.5
20	256QAM	1	1	20.47	20.57	20.67	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.18	25.18	25.15	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.18	25.21	25.14	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.06	25.16	25.21	25.7	0.0

FR1 n5 Ant1 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.51	22.67	22.51	23.5	0.0
20	PI/2 BPSK	1	53	22.51	22.51	22.52		
20	PI/2 BPSK	1	104	22.56	22.67	22.61		
20	PI/2 BPSK	50	0	22.54	22.66	22.56	23.5	0.0
20	PI/2 BPSK	50	28	22.53	22.51	22.42	23.5	0.0
20	PI/2 BPSK	50	56	22.50	22.66	22.66	23.5	0.0
20	PI/2 BPSK	100	0	22.53	22.59	22.58		
20	QPSK	1	1	22.62	22.68	22.66	23.5	0.0
20	QPSK	1	53	22.45	22.67	22.47		
20	QPSK	1	104	22.52	22.49	22.57		
20	QPSK	50	0	22.51	22.51	22.51	23.5	0.0
20	QPSK	50	28	22.58	22.60	22.48	23.5	0.0
20	QPSK	50	56	22.54	22.57	22.54	23.5	0.0
20	QPSK	100	0	22.49	22.54	22.52		
20	16QAM	1	1	22.47	22.55	22.56	23.5	0.0
20	64QAM	1	1	22.11	22.10	21.95	23.0	0.5
20	256QAM	1	1	20.16	20.11	20.25	21.0	2.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.44	22.60	22.45	23.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.45	22.65	22.45	23.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.34	22.66	22.43	23.5	0.0

FR1 n12 Ant1 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.15	24.31	24.24	25.0	0.0
15	PI/2 BPSK	1	40	24.31	24.27	24.23		
15	PI/2 BPSK	1	77	24.26	24.34	24.17		
15	PI/2 BPSK	36	0	23.80	23.72	23.76	24.5	0.5
15	PI/2 BPSK	36	22	24.30	24.32	24.20	25.0	0.0
15	PI/2 BPSK	36	43	23.82	23.64	23.62	24.5	0.5
15	PI/2 BPSK	75	0	23.92	23.57	23.53		
15	QPSK	1	1	24.30	24.38	24.34	25.0	0.0
15	QPSK	1	40	24.24	24.15	24.33		
15	QPSK	1	77	24.20	24.36	24.35		
15	QPSK	36	0	23.07	23.27	23.37	24.0	1.0
15	QPSK	36	22	24.31	24.37	24.31	25.0	0.0
15	QPSK	36	43	23.31	23.16	23.14	24.0	1.0
15	QPSK	75	0	23.12	23.29	23.20		
15	16QAM	1	1	23.28	23.48	23.39	24.0	1.0
15	64QAM	1	1	21.97	21.92	21.97	22.5	2.5
	256QAM	1	1	20.07	20.21	20.07	20.5	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.16	24.21	24.13	25.0	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.15	24.27	24.24	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.24	22.22	22.23	23.0	0.0
20	PI/2 BPSK	1	53	22.23	22.16	21.97		
20	PI/2 BPSK	1	104	22.10	22.02	21.99		
20	PI/2 BPSK	50	0	22.16	22.21	22.17	23.0	0.0
20	PI/2 BPSK	50	28	22.10	22.19	22.02	23.0	0.0
20	PI/2 BPSK	50	56	22.00	22.00	21.95	23.0	0.0
20	PI/2 BPSK	100	0	22.19	22.17	22.05		
20	QPSK	1	1	22.21	22.25	22.20	23.0	0.0
20	QPSK	1	53	22.14	22.20	22.06		
20	QPSK	1	104	22.06	22.00	22.01		
20	QPSK	50	0	22.16	22.20	22.04	23.0	0.0
20	QPSK	50	28	22.18	22.23	22.05	23.0	0.0
20	QPSK	50	56	22.14	22.19	22.05	23.0	0.0
20	QPSK	100	0	22.10	22.22	21.95		
20	16QAM	1	1	22.09	22.18	22.03	23.0	0.0
20	64QAM	1	1	22.07	22.14	22.01	23.0	0.0
20	256QAM	1	1	20.11	20.18	20.14	21.0	2.0
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.17	22.21	21.94	23.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.18	22.18	21.92	23.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.21	22.23	21.95	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.21	24.29	24.30	25.0	0.0
50	PI/2 BPSK	1	135	23.91	23.93	23.88		
50	PI/2 BPSK	1	268	24.06	24.07	24.01		
50	PI/2 BPSK	135	0	23.54	23.64	23.56	24.5	0.5
50	PI/2 BPSK	135	68	23.98	24.11	23.80	25.0	0.0
50	PI/2 BPSK	135	135	23.12	23.40	23.15	24.5	0.5
50	PI/2 BPSK	270	0	23.50	23.66	23.53		
50	QPSK	1	1	24.24	24.37	24.31	25.0	0.0
50	QPSK	1	135	24.08	24.29	24.24		
50	QPSK	1	268	24.03	24.35	24.13		
50	QPSK	135	0	23.05	23.18	23.14	24.0	1.0
50	QPSK	135	68	24.08	24.14	24.09	25.0	0.0
50	QPSK	135	135	22.64	22.81	22.76	24.0	1.0
50	QPSK	270	0	22.95	23.07	23.02		
50	16QAM	1	1	23.00	23.18	23.06	24.0	1.0
50	64QAM	1	1	21.38	21.59	21.51	22.5	2.5
50	256QAM	1	1	19.60	19.70	19.81	20.5	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.11	24.17	24.23	25.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.17	24.36	24.13	25.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.15	24.22	24.28	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.23	24.31	24.30	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.22	24.30	24.23	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.29	24.31	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.15	24.24	24.29	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.19	24.16	24.30	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.87	24.03	23.93	25.0	0.0
45	PI/2 BPSK	1	120	23.84	23.92	23.80		
45	PI/2 BPSK	1	240	23.90	24.06	23.85		
45	PI/2 BPSK	120	0	23.33	23.54	23.44	24.5	0.5
45	PI/2 BPSK	120	60	23.86	23.91	23.70	25.0	0.0
45	PI/2 BPSK	120	120	23.01	23.19	23.08	24.5	0.5
45	PI/2 BPSK	240	0	23.29	23.45	23.30		
45	QPSK	1	1	24.14	24.19	24.18	25.0	0.0
45	QPSK	1	120	23.97	24.16	24.15		
45	QPSK	1	240	23.98	24.14	23.98		
45	QPSK	120	0	22.84	23.03	22.96	24.0	1.0
45	QPSK	120	60	23.86	23.93	23.86	25.0	0.0
45	QPSK	120	120	22.60	22.71	22.57	24.0	1.0
45	QPSK	240	0	22.76	22.97	22.89		
45	16QAM	1	1	22.80	22.95	22.95	24.0	1.0
45	64QAM	1	1	21.35	21.43	21.30	22.5	2.5
45	256QAM	1	1	19.51	19.60	19.59	20.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.00	23.99	24.04	25.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.97	24.10	24.01	25.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.09	24.13	24.18	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.98	24.10	24.16	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.02	24.00	24.11	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.13	24.05	24.17	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.99	24.12	24.12	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.95	24.04	24.17	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	23.89	23.97	23.88	25.0	0.0
40	PI/2 BPSK	1	53	23.64	23.71	23.63		
40	PI/2 BPSK	1	104	23.46	23.66	23.54		
40	PI/2 BPSK	50	0	22.90	23.11	22.96	24.5	0.5
40	PI/2 BPSK	50	28	23.18	23.18	23.16	25.0	0.0
40	PI/2 BPSK	50	56	23.02	23.18	23.15	24.5	0.5
40	PI/2 BPSK	100	0	23.31	23.36	23.38		
40	QPSK	1	1	23.95	24.02	23.94	25.0	0.0
40	QPSK	1	53	23.67	23.76	23.74		
40	QPSK	1	104	23.54	23.69	23.60		
40	QPSK	50	0	23.09	23.20	23.15	25.0	0.0
40	QPSK	50	28	23.67	23.70	23.53		
40	QPSK	50	56	23.04	23.25	23.32		
40	QPSK	100	0	22.64	22.75	22.72	24.0	1.0
40	16QAM	1	1	22.72	22.94	22.77	24.0	1.0
40	64QAM	1	1	21.42	21.41	21.32	22.5	2.5
40	256QAM	1	1	19.14	19.32	19.26	20.5	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	23.83	23.87	23.84	25.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.92	23.91	23.95	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.83	23.93	23.88	25.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	23.80	23.84	23.85	25.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	23.96	23.82	23.75	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.08	24.17	24.15	25.0	0.0
100	PI/2 BPSK	1	137	24.06	24.16	24.19		
100	PI/2 BPSK	1	271	24.07	24.17	24.18		
100	PI/2 BPSK	135	0	23.63	23.86	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.12	24.17	24.18	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.82	23.71	24.5	0.5
100	PI/2 BPSK	270	0	23.73	23.79	23.79		
100	QPSK	1	1	24.17	24.32	24.25	25.0	0.0
100	QPSK	1	137	24.08	24.21	24.12		
100	QPSK	1	271	24.08	24.18	24.10		
100	QPSK	135	0	24.11	24.27	24.16	25.0	0.0
100	QPSK	135	69	24.03	24.28	24.13		
100	QPSK	135	138	24.12	24.26	24.10		
100	QPSK	270	0	23.22	23.35	23.31	24.0	1.0
100	16QAM	1	1	23.15	23.33	23.27	24.0	1.0
100	64QAM	1	1	21.67	21.87	21.71	22.5	2.5
100	256QAM	1	1	19.72	19.87	19.77	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.09	24.22	24.17	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.08	24.26	24.20	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.02	24.20	24.19	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.03	24.25	24.20	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.03	24.23	24.11	25.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.06	24.22	24.15	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.02	24.20	24.16	25.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.05	24.19	24.19	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.20	24.15	25.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.09	24.27	24.17	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.05	24.24	24.14	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.02	24.23	24.14	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.12	24.19	24.16	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	24.17	24.07	24.20	25.0	0.0
40	PI/2 BPSK	1	108	24.24	24.15	24.27		
40	PI/2 BPSK	1	214	24.32	24.44	24.26		
40	PI/2 BPSK	108	0	23.65	23.63	23.65	24.5	0.5
40	PI/2 BPSK	108	54	24.39	24.36	24.33	25.0	0.0
40	PI/2 BPSK	108	108	23.71	23.85	23.75	24.5	0.5
40	PI/2 BPSK	216	0	23.76	23.70	23.85		
40	QPSK	1	1	24.41	24.45	24.40	25.0	0.0
40	QPSK	1	108	24.19	24.18	24.19		
40	QPSK	1	214	24.23	24.20	24.31		
40	QPSK	108	0	23.21	23.18	23.28	24.0	1.0
40	QPSK	108	54	24.27	24.28	24.21	25.0	0.0
40	QPSK	108	108	23.37	23.24	23.26	24.0	1.0
40	QPSK	216	0	23.39	23.45	23.42		
40	16QAM	1	1	23.13	23.02	23.06	24.0	1.0
40	64QAM	1	1	21.63	21.69	21.64	22.5	2.5
40	256QAM	1	1	19.50	19.59	19.62	20.5	4.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	24.02	23.98	23.91	25.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.97	24.02	23.93	25.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	24.05	24.01	24.03	25.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.17	24.10	24.03	25.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.15	24.14	23.97	25.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.03	24.11	24.02	25.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.11	24.12	23.99	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	25.43	25.34	25.32	25.7	0.0
50	PI/2 BPSK	1	135	24.90	24.94	24.90		
50	PI/2 BPSK	1	268	25.31	25.35	25.35		
50	PI/2 BPSK	135	0	24.79	24.86	24.97	25.2	0.5
50	PI/2 BPSK	135	68	25.03	24.94	24.94	25.7	0.0
50	PI/2 BPSK	135	135	24.51	24.49	24.61	25.2	0.5
50	PI/2 BPSK	270	0	24.83	24.72	24.90		
50	QPSK	1	1	25.48	25.50	25.49	25.7	0.0
50	QPSK	1	135	24.41	24.26	24.26		
50	QPSK	1	268	24.56	24.45	24.54		
50	QPSK	135	0	23.75	23.61	23.58	24.7	1.0
50	QPSK	135	68	24.35	24.43	24.34	25.7	0.0
50	QPSK	135	135	23.45	23.60	23.53	24.7	1.0
50	QPSK	270	0	23.50	23.51	23.50		
50	16QAM	1	1	24.27	24.11	24.28	24.7	1.0
50	64QAM	1	1	22.71	22.72	22.64	23.2	2.5
50	256QAM	1	1	20.95	20.84	20.96	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.34	25.36	25.27	25.7	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.38	25.46	25.27	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.48	25.48	25.38	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.41	25.33	25.44	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.46	25.41	25.39	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.33	25.41	25.48	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.44	25.32	25.29	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.39	25.44	25.33	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.10	24.30	24.26	25.0	0.0
40	PI/2 BPSK	1	108	24.17	24.25	24.25		
40	PI/2 BPSK	1	214	24.16	24.35	24.15		
40	PI/2 BPSK	108	0	23.80	23.94	23.84	24.5	0.5
40	PI/2 BPSK	108	54	24.27	24.34	24.16	25.0	0.0
40	PI/2 BPSK	108	108	23.76	23.76	23.67	24.5	0.5
40	PI/2 BPSK	216	0	24.01	24.02	24.00		
40	QPSK	1	1	24.39	24.45	24.25	25.0	0.0
40	QPSK	1	108	24.13	24.33	24.22		
40	QPSK	1	214	24.40	24.44	24.44		
40	QPSK	108	0	23.31	23.40	23.31	24.0	1.0
40	QPSK	108	54	24.33	24.42	24.33	25.0	0.0
40	QPSK	108	108	23.20	23.28	23.27	24.0	1.0
40	QPSK	216	0	23.35	23.43	23.33		
40	16QAM	1	1	23.28	23.27	23.21	24.0	1.0
40	64QAM	1	1	21.69	21.76	21.55	22.5	2.5
40	256QAM	1	1	19.43	19.59	19.38	20.5	4.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	24.34	24.37	24.25	25.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.18	24.24	24.07	25.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.31	24.39	24.09	25.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.32	24.29	24.27	25.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.27	24.44	24.13	25.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.17	24.39	24.24	25.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.30	24.40	24.18	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.44	24.27	24.32	25.0	0.0
45	PI/2 BPSK	1	120	24.20	24.23	24.27		
45	PI/2 BPSK	1	240	24.21	24.19	24.33		
45	PI/2 BPSK	120	0	23.61	23.66	23.77	24.5	0.5
45	PI/2 BPSK	120	60	24.06	24.12	24.15	25.0	0.0
45	PI/2 BPSK	120	120	23.53	23.50	23.61	24.5	0.5
45	PI/2 BPSK	240	0	23.78	23.60	23.78		
45	QPSK	1	1	24.48	24.51	24.49	25.0	0.0
45	QPSK	1	120	24.23	24.27	24.34		
45	QPSK	1	240	24.29	24.15	24.25		
45	QPSK	120	0	23.21	23.39	23.36	24.0	1.0
45	QPSK	120	60	24.12	24.13	24.01	25.0	0.0
45	QPSK	120	120	23.09	22.92	23.11	24.0	1.0
45	QPSK	240	0	23.11	23.25	23.24		
45	16QAM	1	1	23.29	23.44	23.52	24.0	1.0
45	64QAM	1	1	21.59	21.63	21.77	22.5	2.5
45	256QAM	1	1	19.87	19.79	19.97	20.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.47	24.31	24.48	25.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.44	24.39	24.46	25.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.37	24.29	24.40	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.38	24.45	24.46	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.37	24.41	24.37	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.48	24.43	24.44	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.37	24.48	24.41	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.43	24.35	24.37	25.0	0.0

FR1 n38 Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	25.06	25.10	25.25	25.7	0.0
40	PI/2 BPSK	1	53	24.89	24.94	24.93		
40	PI/2 BPSK	1	104	24.87	24.93	24.93		
40	PI/2 BPSK	50	0	24.57	24.53	24.67	25.2	0.5
40	PI/2 BPSK	50	28	24.98	25.07	25.08	25.7	0.0
40	PI/2 BPSK	50	56	24.48	24.60	24.49	25.2	0.5
40	PI/2 BPSK	100	0	24.50	24.48	24.53		
40	QPSK	1	1	25.29	25.31	25.30	25.7	0.0
40	QPSK	1	53	24.94	24.88	24.89		
40	QPSK	1	104	25.01	24.87	24.86		
40	QPSK	50	0	24.11	23.98	24.22	25.7	0.0
40	QPSK	50	28	25.00	25.04	25.02		
40	QPSK	50	56	24.12	24.09	24.00		
40	QPSK	100	0	24.07	24.16	23.99	24.7	1.0
40	16QAM	1	1	24.09	24.06	24.13	24.7	1.0
40	64QAM	1	1	22.45	22.49	22.59	23.2	2.5
40	256QAM	1	1	20.43	20.57	20.49	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	25.12	25.30	25.12	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.27	25.29	25.13	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.25	25.10	25.12	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	25.29	25.27	25.19	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.12	25.26	25.18	25.7	0.0

PC3 FR1 n41 Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.14	25.33	25.17	25.7	0.0
100	PI/2 BPSK	1	137	25.24	25.36	25.23		
100	PI/2 BPSK	1	271	25.13	25.36	25.22		
100	PI/2 BPSK	135	0	24.81	24.90	24.85	25.2	0.5
100	PI/2 BPSK	135	69	25.13	25.33	25.21	25.7	0.0
100	PI/2 BPSK	135	138	24.73	24.90	24.85	25.2	0.5
100	PI/2 BPSK	270	0	24.77	24.90	24.88		
100	QPSK	1	1	25.28	25.41	25.33	25.7	0.0
100	QPSK	1	137	25.17	25.34	25.21		
100	QPSK	1	271	25.19	25.34	25.26		
100	QPSK	135	0	25.19	25.36	25.18	25.7	0.0
100	QPSK	135	69	25.20	25.37	25.26		
100	QPSK	135	138	25.22	25.34	25.29		
100	QPSK	270	0	24.32	24.43	24.28	24.7	1.0
100	16QAM	1	1	24.31	24.44	24.34	24.7	1.0
100	64QAM	1	1	22.74	22.91	22.88	23.2	2.5
100	256QAM	1	1	20.79	20.94	20.77	21.2	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.26	25.28	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.18	25.29	25.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.21	25.32	25.19	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.21	25.30	25.19	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.14	25.36	25.22	25.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.22	25.30	25.31	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.19	25.37	25.25	25.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.20	25.33	25.22	25.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.14	25.27	25.17	25.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.16	25.35	25.23	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.18	25.28	25.21	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.16	25.35	25.20	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.23	25.28	25.20	25.7	0.0

PC2 FR1 n41 Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.13	26.33	26.12	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.35	26.24		
100	PI/2 BPSK	1	271	26.17	26.38	26.20		
100	PI/2 BPSK	135	0	25.82	25.94	25.86	26.5	0.5
100	PI/2 BPSK	135	69	26.12	26.32	26.23	27.0	0.0
100	PI/2 BPSK	135	138	25.73	25.87	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.79	25.84	25.85		
100	QPSK	1	1	26.33	26.44	26.36	27.0	0.0
100	QPSK	1	137	26.20	26.37	26.22		
100	QPSK	1	271	26.23	26.28	26.21		
100	QPSK	135	0	26.14	26.31	26.22	27.0	0.0
100	QPSK	135	69	26.20	26.37	26.29		
100	QPSK	135	138	26.25	26.29	26.30		
100	QPSK	270	0	25.37	25.41	25.31	26.0	1.0
100	16QAM	1	1	25.33	25.41	25.40	26.0	1.0
100	64QAM	1	1	23.69	23.85	23.82	24.5	2.5
100	256QAM	1	1	21.83	21.99	21.82	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.28	26.32	26.27	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.22	26.34	26.21	27.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.28	26.32	26.31	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.18	26.34	26.28	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.24	26.33	26.26	27.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	26.24	26.35	26.24	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.19	26.30	26.27	27.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	26.23	26.33	26.34	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.29	26.30	26.23	27.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.19	26.38	26.25	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.18	26.40	26.24	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.26	26.37	26.26	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.24	26.33	26.31	27.0	0.0

FR1 n48 Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.43	23.59	23.54	24.5	0.0
40	PI/2 BPSK	1	53	23.52	23.54	23.50		
40	PI/2 BPSK	1	104	23.46	23.50	23.46		
40	PI/2 BPSK	50	0	23.10	23.17	23.03	24.0	0.5
40	PI/2 BPSK	50	28	23.47	23.64	23.61	24.5	0.0
40	PI/2 BPSK	50	56	22.95	23.11	23.10	24.0	0.5
40	PI/2 BPSK	100	0	23.13	23.12	23.11		
40	QPSK	1	1	23.61	23.65	23.63	24.5	0.0
40	QPSK	1	53	23.60	23.62	23.49		
40	QPSK	1	104	23.42	23.47	23.49		
40	QPSK	50	0	22.52	22.65	22.65	24.5	0.0
40	QPSK	50	28	23.47	23.56	23.48		
40	QPSK	50	56	22.58	22.58	22.50		
40	QPSK	100	0	22.48	22.55	22.50	23.5	1.0
40	16QAM	1	1	22.41	22.57	22.45	23.5	1.0
40	64QAM	1	1	20.95	21.05	21.06	22.0	2.5
40	256QAM	1	1	19.11	19.11	18.90	20.0	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.62	23.56	23.47	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.62	23.56	23.42	24.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.58	23.51	23.54	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.57	23.45	23.43	24.5	0.0

PC3 FR1 n77 PartO Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.26	25.22	25.17	25.7	0.0
100	PI/2 BPSK	1	137	24.96	24.98	25.03		
100	PI/2 BPSK	1	271	25.19	25.28	25.18		
100	PI/2 BPSK	135	0	25.25	25.17	25.15	25.7	0.0
100	PI/2 BPSK	135	69	25.23	25.23	25.21	25.7	0.0
100	PI/2 BPSK	135	138	25.15	25.21	25.02	25.7	0.0
100	PI/2 BPSK	270	0	25.17	25.18	25.19		
100	QPSK	1	1	25.24	25.29	25.17	25.7	0.0
100	QPSK	1	137	24.99	25.11	25.16		
100	QPSK	1	271	25.19	25.14	25.10		
100	QPSK	135	0	25.23	25.21	25.17	25.7	0.0
100	QPSK	135	69	25.18	25.24	25.15		
100	QPSK	135	138	25.16	25.16	25.03		
100	QPSK	270	0	25.19	25.27	25.25	25.7	0.0
100	16QAM	1	1	24.94	24.93	25.03	25.7	0.0
100	64QAM	1	1	25.15	25.07	25.02	25.7	0.0
100	256QAM	1	1	23.72	23.58	23.73	24.2	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.12	25.27	25.18	25.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.24	25.12	25.15	25.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.08	25.09	25.07	25.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.08	25.12	25.02	25.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.10	25.10	25.21	25.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.20	25.17	25.01	25.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	25.12	25.22	25.04	25.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	25.21	25.18	25.16	25.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.17	25.21	24.99	25.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.22	25.23	25.12	25.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.16	25.18	25.16	25.7	0.0

PC2 FR1 n77 PartO Ant4 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	28.18	28.12	28.20	29.0	0.0
100	PI/2 BPSK	1	137	28.06	28.16	28.09		
100	PI/2 BPSK	1	271	28.02	27.98	28.10		
100	PI/2 BPSK	135	0	27.79	27.89	27.89	28.5	0.5
100	PI/2 BPSK	135	69	28.05	28.07	28.24	29.0	0.0
100	PI/2 BPSK	135	138	27.59	27.79	27.62	28.5	0.5
100	PI/2 BPSK	270	0	27.74	27.74	27.83		
100	QPSK	1	1	28.14	28.27	28.23	29.0	0.0
100	QPSK	1	137	28.06	27.98	28.06		
100	QPSK	1	271	28.24	28.25	28.19		
100	QPSK	135	0	27.24	27.24	27.38	29.0	0.0
100	QPSK	135	69	28.05	28.18	28.07		
100	QPSK	135	138	27.21	27.21	27.25		
100	QPSK	270	0	27.28	27.31	27.30	28.0	1.0
100	16QAM	1	1	27.05	27.03	27.08	28.0	1.0
100	64QAM	1	1	25.45	25.64	25.44	26.5	2.5
100	256QAM	1	1	23.24	23.28	23.24	24.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	28.04	28.18	28.09	29.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	28.06	28.17	28.19	29.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	28.08	28.05	28.18	29.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	27.97	28.14	28.06	29.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	27.93	28.14	28.02	29.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	28.09	28.12	28.01	29.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	28.15	28.19	28.03	29.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	28.13	28.08	28.02	29.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	28.08	28.14	28.03	29.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	28.10	28.23	28.11	29.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	28.13	28.09	28.11	29.0	0.0

PC3 FR1 n77 PartQ Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.52		25.7	0.0
100	PI/2 BPSK	1	137		25.30			
100	PI/2 BPSK	1	271		25.22			
100	PI/2 BPSK	135	0		25.31		25.7	0.0
100	PI/2 BPSK	135	69		25.16		25.7	0.0
100	PI/2 BPSK	135	138		25.13		25.7	0.0
100	PI/2 BPSK	270	0		25.25			
100	QPSK	1	1		25.57		25.7	0.0
100	QPSK	1	137		25.24			
100	QPSK	1	271		25.22			
100	QPSK	135	0		25.32		25.7	0.0
100	QPSK	135	69		25.41			
100	QPSK	135	138		25.17			
100	QPSK	270	0		25.20		25.7	0.0
100	16QAM	1	1		25.45		25.7	0.0
100	64QAM	1	1		25.40		25.7	0.0
100	256QAM	1	1		23.95		24.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.39	25.47	25.41	25.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.37	25.41	25.25	25.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.35	25.47	25.33	25.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.37	25.28	25.34	25.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.21	25.49	25.42	25.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.37	25.43	25.30	25.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.35	25.46	25.19	25.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.21	25.36	25.43	25.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.23	25.39	25.28	25.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.23	25.43	25.29	25.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.24	25.28	25.30	25.7	0.0

PC2 FR1 n77 PartQ Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		28.43		29.0	0.0
100	PI/2 BPSK	1	137		28.32			
100	PI/2 BPSK	1	271		28.13			
100	PI/2 BPSK	135	0		27.81		28.5	0.5
100	PI/2 BPSK	135	69		28.18		29.0	0.0
100	PI/2 BPSK	135	138		27.68		28.5	0.5
100	PI/2 BPSK	270	0		27.76			
100	QPSK	1	1		28.52		29.0	0.0
100	QPSK	1	137		28.20			
100	QPSK	1	271		28.21			
100	QPSK	135	0		27.29		29.0	0.0
100	QPSK	135	69		28.14			
100	QPSK	135	138		27.15			
100	QPSK	270	0		27.25		28.0	1.0
100	16QAM	1	1		27.41		28.0	1.0
100	64QAM	1	1		25.55		26.5	2.5
100	256QAM	1	1		23.43		24.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	28.35	28.33	28.41	29.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	28.15	28.35	28.38	29.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	28.37	28.12	28.34	29.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	28.30	28.21	28.19	29.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	28.14	28.11	28.28	29.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	28.28	28.13	28.24	29.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	28.22	28.16	28.23	29.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	28.14	28.28	28.26	29.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	28.19	28.35	28.20	29.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	28.28	28.14	28.41	29.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	28.17	28.31	28.37	29.0	0.0

PC3 FR1 n78 PartO Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.20		25.7	0.0
100	PI/2 BPSK	1	137		25.12			
100	PI/2 BPSK	1	271		25.19			
100	PI/2 BPSK	135	0		25.23		25.7	0.0
100	PI/2 BPSK	135	69		25.23		25.7	0.0
100	PI/2 BPSK	135	138		25.09		25.7	0.0
100	PI/2 BPSK	270	0		25.05			
100	QPSK	1	1		25.24		25.7	0.0
100	QPSK	1	137		24.99			
100	QPSK	1	271		25.04			
100	QPSK	135	0		25.18		25.7	0.0
100	QPSK	135	69		25.21			
100	QPSK	135	138		25.11			
100	QPSK	270	0		25.06		25.7	0.0
100	16QAM	1	1		25.04		25.7	0.0
100	64QAM	1	1		24.95		25.7	0.0
100	256QAM	1	1		23.60		24.2	1.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.05	25.19	25.21	25.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.05	25.08	25.10	25.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.04	25.14	25.06	25.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.93	25.04	25.07	25.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.84	25.19	25.02	25.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.92	25.15	25.01	25.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	25.05	25.07	25.20	25.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	24.87	25.04	25.22	25.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.02	25.11	25.18	25.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.02	24.97	25.20	25.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.84	24.99	25.10	25.7	0.0

PC2 FR1 n78 PartO Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		28.05		29.0	0.0
100	PI/2 BPSK	1	137		28.22			
100	PI/2 BPSK	1	271		28.16			
100	PI/2 BPSK	135	0		27.59		28.5	0.5
100	PI/2 BPSK	135	69		28.24		29.0	0.0
100	PI/2 BPSK	135	138		27.67		28.5	0.5
100	PI/2 BPSK	270	0		27.70			
100	QPSK	1	1		28.28		29.0	0.0
100	QPSK	1	137		28.15			
100	QPSK	1	271		28.17			
100	QPSK	135	0		27.05		29.0	0.0
100	QPSK	135	69		28.24			
100	QPSK	135	138		27.30			
100	QPSK	270	0		27.12		28.0	1.0
100	16QAM	1	1		27.11		28.0	1.0
100	64QAM	1	1		25.11		26.5	2.5
100	256QAM	1	1		23.05		24.5	4.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	28.14	28.11	28.07	29.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	28.13	27.97	27.89	29.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	28.00	27.94	27.91	29.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	28.05	28.01	27.99	29.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	28.12	28.04	28.01	29.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	28.01	28.04	28.09	29.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	28.07	27.95	27.86	29.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	28.08	27.92	27.88	29.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	28.06	28.01	28.05	29.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	28.05	27.98	27.87	29.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.95	28.07	28.01	29.0	0.0

PC3 FR1 n78 PartQ Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.28		25.7	0.0
100	PI/2 BPSK	1	137		25.03			
100	PI/2 BPSK	1	271		25.15			
100	PI/2 BPSK	135	0		25.14		25.7	0.0
100	PI/2 BPSK	135	69		25.01		25.7	0.0
100	PI/2 BPSK	135	138		24.98		25.7	0.0
100	PI/2 BPSK	270	0		25.19			
100	QPSK	1	1		25.41		25.7	0.0
100	QPSK	1	137		25.12			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.22		25.7	0.0
100	QPSK	135	69		25.27			
100	QPSK	135	138		24.97			
100	QPSK	270	0		25.04		25.7	0.0
100	16QAM	1	1		25.35		25.7	0.0
100	64QAM	1	1		25.35		25.7	0.0
100	256QAM	1	1		23.80		24.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.19	25.24	25.39	25.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.17	25.19	25.21	25.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.11	25.07	25.31	25.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.01	25.14	25.22	25.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.14	25.20	25.24	25.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.97	25.18	25.30	25.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.11	25.03	25.22	25.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.98	25.23	25.24	25.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.05	25.22	25.25	25.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.19	25.04	25.28	25.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.20	25.21	25.28	25.7	0.0

PC2 FR1 n78 PartQ Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		28.39		29.0	0.0
100	PI/2 BPSK	1	137		28.30			
100	PI/2 BPSK	1	271		28.17			
100	PI/2 BPSK	135	0		27.70		28.5	0.5
100	PI/2 BPSK	135	69		28.19		29.0	0.0
100	PI/2 BPSK	135	138		27.60		28.5	0.5
100	PI/2 BPSK	270	0		27.75			
100	QPSK	1	1		28.44		29.0	0.0
100	QPSK	1	137		28.25			
100	QPSK	1	271		28.19			
100	QPSK	135	0		27.31		29.0	0.0
100	QPSK	135	69		28.23			
100	QPSK	135	138		27.24			
100	QPSK	270	0		27.25		28.0	1.0
100	16QAM	1	1		27.35		28.0	1.0
100	64QAM	1	1		25.72		26.5	2.5
100	256QAM	1	1		23.67		24.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	28.25	28.29	28.27	29.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	28.08	28.24	28.22	29.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	28.15	28.07	28.23	29.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	28.25	28.12	28.17	29.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	28.13	28.28	28.21	29.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	28.19	28.24	28.12	29.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	28.10	28.29	28.22	29.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	28.13	28.30	28.09	29.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	28.12	28.25	28.07	29.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	28.04	28.27	28.23	29.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	28.13	28.23	28.07	29.0	0.0

FR1 n2 Ant5 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.93	22.04	21.92	22.8	0.0
40	PI/2 BPSK	1	108	21.91	22.00	22.01		
40	PI/2 BPSK	1	214	21.97	22.07	21.94		
40	PI/2 BPSK	108	0	21.93	22.01	21.99	22.8	0.0
40	PI/2 BPSK	108	54	22.02	21.95	21.97	22.8	0.0
40	PI/2 BPSK	108	108	22.00	22.04	21.99	22.8	0.0
40	PI/2 BPSK	216	0	22.00	21.99	21.93		
40	QPSK	1	1	22.09	22.10	22.08	22.8	0.0
40	QPSK	1	108	21.92	21.98	21.91		
40	QPSK	1	214	21.86	21.98	22.02		
40	QPSK	108	0	21.96	22.02	22.03	22.8	0.0
40	QPSK	108	54	22.01	22.09	22.01	22.8	0.0
40	QPSK	108	108	21.97	21.98	21.99	22.8	0.0
40	QPSK	216	0	22.02	22.08	22.03		
40	16QAM	1	1	22.02	22.07	22.00	22.8	0.0
40	64QAM	1	1	21.30	21.34	21.43	22.3	0.5
40	256QAM	1	1	19.36	19.32	19.17	20.3	2.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.93	21.98	21.99	22.8	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.91	22.06	22.01	22.8	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.02	21.98	21.95	22.8	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.99	21.97	21.93	22.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.96	22.06	21.97	22.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.98	22.02	21.96	22.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.93	22.03	21.93	22.8	0.0

FR1 n7 Ant5 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.46	19.57	19.44	20.1	0.0
50	PI/2 BPSK	1	135	19.56	19.57	19.45		
50	PI/2 BPSK	1	268	19.53	19.58	19.50		
50	PI/2 BPSK	135	0	19.45	19.52	19.52	20.1	0.0
50	PI/2 BPSK	135	68	19.57	19.50	19.52	20.1	0.0
50	PI/2 BPSK	135	135	19.55	19.54	19.56	20.1	0.0
50	PI/2 BPSK	270	0	19.45	19.47	19.44		
50	QPSK	1	1	19.38	19.63	19.56	20.1	0.0
50	QPSK	1	135	19.40	19.33	19.31		
50	QPSK	1	268	19.43	19.52	19.30		
50	QPSK	135	0	19.52	19.47	19.50	20.1	0.0
50	QPSK	135	68	19.51	19.53	19.52	20.1	0.0
50	QPSK	135	135	19.45	19.49	19.47	20.1	0.0
50	QPSK	270	0	19.49	19.51	19.50		
50	16QAM	1	1	19.47	19.47	19.50	20.1	0.0
50	64QAM	1	1	19.51	19.46	19.48	20.1	0.0
50	256QAM	1	1	19.44	19.45	19.51	20.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.50	19.48	19.45	20.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.55	19.58	19.52	20.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.52	19.58	19.51	20.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.48	19.49	19.55	20.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.54	19.57	19.53	20.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.48	19.58	19.55	20.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.53	19.51	19.54	20.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.44	19.46	19.43	20.1	0.0

FR1 n25 Ant5 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.00	22.16	22.10	22.8	0.0
40	PI/2 BPSK	1	108	22.00	22.01	22.07		
40	PI/2 BPSK	1	214	22.18	22.14	22.14		
40	PI/2 BPSK	108	0	22.00	22.24	22.12	22.8	0.0
40	PI/2 BPSK	108	54	22.03	22.20	22.14	22.8	0.0
40	PI/2 BPSK	108	108	22.04	22.25	22.12	22.8	0.0
40	PI/2 BPSK	216	0	22.11	22.18	22.16		
40	QPSK	1	1	22.14	22.31	22.29	22.8	0.0
40	QPSK	1	108	22.17	22.20	22.19		
40	QPSK	1	214	22.01	22.26	22.11		
40	QPSK	108	0	22.01	22.26	22.16	22.8	0.0
40	QPSK	108	54	22.05	22.25	22.13	22.8	0.0
40	QPSK	108	108	22.06	22.22	22.19	22.8	0.0
40	QPSK	216	0	22.14	22.23	22.22		
40	16QAM	1	1	22.09	22.25	22.12	22.8	0.0
40	64QAM	1	1	21.44	21.56	21.41	22.3	0.5
40	256QAM	1	1	19.29	19.30	19.19	20.8	2.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.07	22.18	22.09	22.8	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.07	22.25	22.17	22.8	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.07	22.21	22.13	22.8	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.01	22.22	22.19	22.8	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.09	22.18	22.15	22.8	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.10	22.16	22.10	22.8	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.10	22.18	22.21	22.8	0.0

FR1 n66 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.32	23.29	23.37	24.4	0.0
45	PI/2 BPSK	1	120	23.22	23.35	23.38		
45	PI/2 BPSK	1	240	23.27	23.42	23.35		
45	PI/2 BPSK	120	0	22.55	22.49	22.59	23.9	0.5
45	PI/2 BPSK	120	60	23.33	23.35	23.22	24.4	0.0
45	PI/2 BPSK	120	120	22.65	22.61	22.47	23.9	0.5
45	PI/2 BPSK	240	0	22.71	22.72	22.55		
45	QPSK	1	1	23.39	23.58	23.48	24.4	0.0
45	QPSK	1	120	23.44	23.32	23.37		
45	QPSK	1	240	23.23	23.35	23.25		
45	QPSK	120	0	22.21	22.27	22.24	23.4	1.0
45	QPSK	120	60	23.44	23.47	23.31	24.4	0.0
45	QPSK	120	120	22.25	22.32	22.32	23.4	1.0
45	QPSK	240	0	22.37	22.41	22.23		
45	16QAM	1	1	22.23	22.17	22.21	23.4	1.0
45	64QAM	1	1	21.12	21.24	21.22	21.9	2.5
45	256QAM	1	1	19.08	19.11	19.04	19.9	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.32	23.47	23.42	24.4	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.40	23.43	23.45	24.4	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.32	23.49	23.37	24.4	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.41	23.42	23.48	24.4	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.38	23.42	23.45	24.4	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.39	23.40	23.44	24.4	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.37	23.46	23.37	24.4	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.42	23.43	24.4	0.0

FR1 n38 Ant5 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	18.15	18.22	18.32	19.5	0.0
40	PI/2 BPSK	1	53	18.29	18.45	18.26		
40	PI/2 BPSK	1	104	18.33	18.30	18.26		
40	PI/2 BPSK	50	0	18.39	18.34	18.40	19.5	0.0
40	PI/2 BPSK	50	28	18.34	18.35	18.31	19.5	0.0
40	PI/2 BPSK	50	56	18.41	18.33	18.29	19.5	0.0
40	PI/2 BPSK	100	0	18.33	18.32	18.26		
40	QPSK	1	1	18.36	18.49	18.41	19.5	0.0
40	QPSK	1	53	18.24	18.26	18.11		
40	QPSK	1	104	18.26	18.23	18.22		
40	QPSK	50	0	18.40	18.37	18.30	19.5	0.0
40	QPSK	50	28	18.33	18.43	18.29		
40	QPSK	50	56	18.42	18.32	18.27		
40	QPSK	100	0	18.27	18.33	18.32	19.5	0.0
40	16QAM	1	1	18.28	18.34	18.28	19.5	0.0
40	64QAM	1	1	18.36	18.28	18.38	19.5	0.0
40	256QAM	1	1	18.29	18.41	18.36	19.5	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	18.27	18.30	18.28	19.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	18.32	18.38	18.34	19.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.36	18.43	18.39	19.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	18.27	18.40	18.32	19.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	18.39	18.38	18.37	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.14	18.26	18.14	19.2	0.0
100	PI/2 BPSK	1	137	18.20	18.15	18.00		
100	PI/2 BPSK	1	271	18.02	18.06	18.01		
100	PI/2 BPSK	135	0	18.16	18.27	18.10	19.2	0.0
100	PI/2 BPSK	135	69	18.11	18.24	18.16	19.2	0.0
100	PI/2 BPSK	135	138	18.25	18.16	17.89	19.2	0.0
100	PI/2 BPSK	270	0	18.09	18.09	18.03		
100	QPSK	1	1	18.19	18.32	18.20	19.2	0.0
100	QPSK	1	137	18.19	18.20	17.93		
100	QPSK	1	271	18.13	18.04	18.04		
100	QPSK	135	0	18.09	18.22	18.16	19.2	0.0
100	QPSK	135	69	18.16	18.27	17.92		
100	QPSK	135	138	18.11	18.12	18.05		
100	QPSK	270	0	18.07	18.27	18.19	19.2	0.0
100	16QAM	1	1	18.12	18.20	18.22	19.2	0.0
100	64QAM	1	1	18.14	18.14	17.94	19.2	0.0
100	256QAM	1	1	18.04	18.09	18.02	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.16	18.16	18.09	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.09	18.17	18.18	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.08	18.17	18.20	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.05	18.27	18.11	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.11	18.16	18.18	19.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.12	18.20	18.21	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.16	18.22	18.14	19.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.20	18.23	18.22	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.19	18.25	18.20	19.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.17	18.27	18.12	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.08	18.16	18.21	19.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.10	18.28	18.13	19.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.06	18.22	18.16	19.2	0.0

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FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.16	21.30	21.20	22.2	0.0
100	PI/2 BPSK	1	137	21.12	21.16	21.15		
100	PI/2 BPSK	1	271	21.11	21.29	21.25		
100	PI/2 BPSK	135	0	21.19	21.27	21.15	22.2	0.0
100	PI/2 BPSK	135	69	21.14	21.22	21.20	22.2	0.0
100	PI/2 BPSK	135	138	21.10	21.31	21.16	22.2	0.0
100	PI/2 BPSK	270	0	21.20	21.21	21.27		
100	QPSK	1	1	21.08	21.38	21.21	22.2	0.0
100	QPSK	1	137	21.16	21.32	21.18		
100	QPSK	1	271	21.15	21.29	21.14		
100	QPSK	135	0	21.20	21.28	21.21	22.2	0.0
100	QPSK	135	69	21.14	21.34	21.26		
100	QPSK	135	138	21.14	21.28	21.26		
100	QPSK	270	0	21.12	21.26	21.22	22.2	0.0
100	16QAM	1	1	21.08	21.34	21.18	22.2	0.0
100	64QAM	1	1	21.12	21.31	21.13	22.2	0.0
100	256QAM	1	1	21.16	21.25	21.16	22.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.00	21.13	21.15	22.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.03	21.22	21.12	22.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.05	21.12	21.10	22.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.04	21.17	21.16	22.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.03	21.14	21.14	22.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.04	21.15	21.14	22.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.07	21.15	21.12	22.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.13	21.18	21.14	22.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.05	21.15	21.15	22.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.07	21.16	21.12	22.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.00	21.12	21.12	22.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.08	21.20	21.08	22.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.06	21.22	21.16	22.2	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.00	17.03	17.05	18.5	0.0
40	PI/2 BPSK	1	53	16.97	17.02	16.98		
40	PI/2 BPSK	1	104	16.93	16.88	16.98		
40	PI/2 BPSK	50	0	17.11	17.08	17.10	18.5	0.0
40	PI/2 BPSK	50	28	17.09	17.03	16.99	18.5	0.0
40	PI/2 BPSK	50	56	17.01	16.93	16.95	18.5	0.0
40	PI/2 BPSK	100	0	17.04	16.98	16.98		
40	QPSK	1	1	17.03	17.13	17.09	18.5	0.0
40	QPSK	1	53	17.00	17.10	16.97		
40	QPSK	1	104	16.97	16.96	17.04		
40	QPSK	50	0	17.02	17.03	17.03	18.5	0.0
40	QPSK	50	28	17.03	17.10	16.92		
40	QPSK	50	56	16.96	16.87	16.87		
40	QPSK	100	0	17.06	17.08	17.06	18.5	0.0
40	16QAM	1	1	17.00	17.02	17.12	18.5	0.0
40	64QAM	1	1	17.05	16.93	16.89	18.5	0.0
40	256QAM	1	1	16.92	17.00	16.96	18.5	0.0
Channel				637668	641666	645666	Tune-	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	up limit	(dB)
30	QPSK	1	1	16.99	17.05	17.11	18.5	0.0
Channel				637334	641666	646000	Tune-	MPR
Frequency (MHz)				3560.01	3624.99	3690	up limit	(dB)
20	QPSK	1	1	17.03	17.04	17.06	18.5	0.0
Channel				637168	641666	646166	Tune-	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	up limit	(dB)
15	QPSK	1	1	17.07	17.08	17.06	18.5	0.0
Channel				637000	641666	646332	Tune-	MPR
Frequency (MHz)				3555	3624.99	3694.98	up limit	(dB)
10	QPSK	1	1	16.98	17.04	17.01	18.5	0.0

PC3 FR1 n77 PartO Ant5 DSI 4

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.41	18.39	18.27	19.5	0.0
100	PI/2 BPSK	1	137	18.35	18.20	18.26		
100	PI/2 BPSK	1	271	18.35	18.21	18.34		
100	PI/2 BPSK	135	0	18.29	18.40	18.32	19.5	0.0
100	PI/2 BPSK	135	69	18.41	18.39	18.33	19.5	0.0
100	PI/2 BPSK	135	138	18.37	18.30	18.29	19.5	0.0
100	PI/2 BPSK	270	0	18.29	18.21	18.19		
100	QPSK	1	1	18.43	18.55	18.36	19.5	0.0
100	QPSK	1	137	18.31	18.25	18.21		
100	QPSK	1	271	18.18	18.26	18.16		
100	QPSK	135	0	18.31	18.27	18.32	19.5	0.0
100	QPSK	135	69	18.35	18.43	18.31		
100	QPSK	135	138	18.24	18.29	18.21		
100	QPSK	270	0	18.28	18.43	18.31	19.5	0.0
100	16QAM	1	1	18.27	18.40	18.41	19.5	0.0
100	64QAM	1	1	18.30	18.27	18.19	19.5	0.0
100	256QAM	1	1	18.30	18.24	18.30	19.5	0.0
Channel				649668	656000	662332	Tune-	MPR
Frequency (MHz)				3745.02	3840	3934.98	up limit	(dB)
90	QPSK	1	1	18.38	18.49	18.28	19.5	0.0
Channel				649334	656000	662666	Tune-	MPR
Frequency (MHz)				3740.01	3840	3939.99	up limit	(dB)
80	QPSK	1	1	18.34	18.53	18.38	19.5	0.0
Channel				649000	656000	663000	Tune-	MPR
Frequency (MHz)				3735	3840	3945	up limit	(dB)
70	QPSK	1	1	18.43	18.40	18.26	19.5	0.0
Channel				648668	656000	663332	Tune-	MPR
Frequency (MHz)				3730.02	3840	3949.98	up limit	(dB)
60	QPSK	1	1	18.43	18.44	18.40	19.5	0.0
Channel				648334	656000	663666	Tune-	MPR
Frequency (MHz)				3725.01	3840	3954.99	up limit	(dB)
50	QPSK	1	1	18.41	18.46	18.33	19.5	0.0
Channel				648000	656000	664000	Tune-	MPR
Frequency (MHz)				3720	3840	3960	up limit	(dB)
40	QPSK	1	1	18.38	18.43	18.31	19.5	0.0
Channel				647668	656000	664332	Tune-	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	up limit	(dB)
30	QPSK	1	1	18.34	18.51	18.34	19.5	0.0
Channel				647500	656000	664500	Tune-	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	up limit	(dB)
25	QPSK	1	1	18.35	18.51	18.37	19.5	0.0
Channel				647334	656000	664666	Tune-	MPR
Frequency (MHz)				3710.01	3840	3969.99	up limit	(dB)
20	QPSK	1	1	18.40	18.43	18.28	19.5	0.0
Channel				647168	656000	664832	Tune-	MPR
Frequency (MHz)				3707.52	3840	3972.48	up limit	(dB)
15	QPSK	1	1	18.37	18.45	18.37	19.5	0.0
Channel				647000	656000	665000	Tune-	MPR
Frequency (MHz)				3705	3840	3975	up limit	(dB)
10	QPSK	1	1	18.33	18.46	18.28	19.5	0.0

PC2 FR1 n77 PartO Ant5 DSI 4

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.49	21.45	21.25	23.0	0.0
100	PI/2 BPSK	1	137	21.33	21.27	21.18		
100	PI/2 BPSK	1	271	21.29	21.22	21.33		
100	PI/2 BPSK	135	0	21.29	21.32	21.28	23.0	0.0
100	PI/2 BPSK	135	69	21.48	21.42	21.41	23.0	0.0
100	PI/2 BPSK	135	138	21.44	21.23	21.22	23.0	0.0
100	PI/2 BPSK	270	0	21.23	21.26	21.13		
100	QPSK	1	1	21.42	21.54	21.41	23.0	0.0
100	QPSK	1	137	21.35	21.18	21.16		
100	QPSK	1	271	21.17	21.29	21.16		
100	QPSK	135	0	21.30	21.50	21.33	23.0	0.0
100	QPSK	135	69	21.41	21.16	21.26		
100	QPSK	135	138	21.27	21.22	21.24		
100	QPSK	270	0	21.32	21.45	21.29	23.0	0.0
100	16QAM	1	1	21.29	21.34	21.49	23.0	0.0
100	64QAM	1	1	21.25	21.26	21.21	23.0	0.0
100	256QAM	1	1	21.30	21.19	21.30	23.0	0.0
Channel				649668	656000	662332	Tune-	MPR
Frequency (MHz)				3745.02	3840	3934.98	up limit	(dB)
90	QPSK	1	1	21.31	21.26	21.26	23.0	0.0
Channel				649334	656000	662666	Tune-	MPR
Frequency (MHz)				3740.01	3840	3939.99	up limit	(dB)
80	QPSK	1	1	21.36	21.47	21.37	23.0	0.0
Channel				649000	656000	663000	Tune-	MPR
Frequency (MHz)				3735	3840	3945	up limit	(dB)
70	QPSK	1	1	21.32	21.40	21.33	23.0	0.0
Channel				648668	656000	663332	Tune-	MPR
Frequency (MHz)				3730.02	3840	3949.98	up limit	(dB)
60	QPSK	1	1	21.25	21.38	21.29	23.0	0.0
Channel				648334	656000	663666	Tune-	MPR
Frequency (MHz)				3725.01	3840	3954.99	up limit	(dB)
50	QPSK	1	1	21.28	21.38	21.36	23.0	0.0
Channel				648000	656000	664000	Tune-	MPR
Frequency (MHz)				3720	3840	3960	up limit	(dB)
40	QPSK	1	1	21.26	21.34	21.31	23.0	0.0
Channel				647668	656000	664332	Tune-	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	up limit	(dB)
30	QPSK	1	1	21.33	21.41	21.30	23.0	0.0
Channel				647500	656000	664500	Tune-	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	up limit	(dB)
25	QPSK	1	1	21.32	21.39	21.32	23.0	0.0
Channel				647334	656000	664666	Tune-	MPR
Frequency (MHz)				3710.01	3840	3969.99	up limit	(dB)
20	QPSK	1	1	21.31	21.40	21.40	23.0	0.0
Channel				647168	656000	664832	Tune-	MPR
Frequency (MHz)				3707.52	3840	3972.48	up limit	(dB)
15	QPSK	1	1	21.23	21.41	21.35	23.0	0.0
Channel				647000	656000	665000	Tune-	MPR
Frequency (MHz)				3705	3840	3975	up limit	(dB)
10	QPSK	1	1	21.37	21.35	21.30	23.0	0.0

PC3 FR1 n77 PartQ Ant5 DSI 4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.84		19.5	0.0
100	PI/2 BPSK	1	137		18.73			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.84		19.5	0.0
100	PI/2 BPSK	135	69		18.74		19.5	0.0
100	PI/2 BPSK	135	138		18.75		19.5	0.0
100	PI/2 BPSK	270	0		18.68			
100	QPSK	1	1		18.90		19.5	0.0
100	QPSK	1	137		18.84			
100	QPSK	1	271		18.77			
100	QPSK	135	0		18.80		19.5	0.0
100	QPSK	135	69		18.88			
100	QPSK	135	138		18.78			
100	QPSK	270	0		18.85		19.5	0.0
100	16QAM	1	1		18.87		19.5	0.0
100	64QAM	1	1		18.81		19.5	0.0
100	256QAM	1	1		18.66		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.77	18.77	18.65	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.81	18.82	18.76	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.83	18.67	18.75	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.77	18.78	18.75	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.73	18.78	18.62	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.75	18.77	18.70	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.71	18.82	18.77	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.82	18.80	18.74	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.81	18.71	18.66	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.79	18.75	18.66	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.77	18.67	18.67	19.5	0.0

PC2 FR1 n77 PartQ Ant5 DSI 4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.92		23.0	0.0
100	PI/2 BPSK	1	137		21.72			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		21.88		23.0	0.0
100	PI/2 BPSK	135	69		21.84		23.0	0.0
100	PI/2 BPSK	135	138		21.80		23.0	0.0
100	PI/2 BPSK	270	0		21.75			
100	QPSK	1	1		21.95		23.0	0.0
100	QPSK	1	137		21.85			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.87		23.0	0.0
100	QPSK	135	69		21.91			
100	QPSK	135	138		21.77			
100	QPSK	270	0		21.88		23.0	0.0
100	16QAM	1	1		21.86		23.0	0.0
100	64QAM	1	1		21.86		23.0	0.0
100	256QAM	1	1		21.76		23.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.79	21.81	21.64	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.85	21.82	21.71	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.80	21.86	21.70	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.81	21.78	21.74	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.89	21.90	21.72	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.74	21.89	21.74	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.89	21.80	21.65	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.80	21.80	21.72	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.88	21.87	21.69	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.87	21.86	21.63	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.78	21.77	21.68	23.0	0.0

PC3 FR1 n78 PartO Ant5 DSI 4

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.00		20.0	0.0
100	PI/2 BPSK	1	137		18.73			
100	PI/2 BPSK	1	271		18.89			
100	PI/2 BPSK	135	0		18.97		20.0	0.0
100	PI/2 BPSK	135	69		18.97		20.0	0.0
100	PI/2 BPSK	135	138		18.76		20.0	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		19.05		20.0	0.0
100	QPSK	1	137		18.89			
100	QPSK	1	271		18.89			
100	QPSK	135	0		18.94		20.0	0.0
100	QPSK	135	69		18.98			
100	QPSK	135	138		18.95			
100	QPSK	270	0		19.02		20.0	0.0
100	16QAM	1	1		19.04		20.0	0.0
100	64QAM	1	1		18.85		20.0	0.0
100	256QAM	1	1		18.86		20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.75	18.93	18.80	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.76	18.90	18.81	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.74	18.87	18.76	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.84	18.90	18.75	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.84	18.90	18.78	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.75	18.81	18.86	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.84	18.87	18.74	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	18.80	18.84	18.75	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.80	18.92	18.72	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.86	18.89	18.74	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.82	18.83	18.75	20.0	0.0

PC2 FR1 n78 PartO Ant5 DSI 4

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.03		23.5	0.0
100	PI/2 BPSK	1	137		21.81			
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		21.99		23.5	0.0
100	PI/2 BPSK	135	69		21.95		23.5	0.0
100	PI/2 BPSK	135	138		21.80		23.5	0.0
100	PI/2 BPSK	270	0		21.95			
100	QPSK	1	1		22.10		23.5	0.0
100	QPSK	1	137		21.96			
100	QPSK	1	271		21.93			
100	QPSK	135	0		22.02		23.5	0.0
100	QPSK	135	69		22.06			
100	QPSK	135	138		22.01			
100	QPSK	270	0		22.04		23.5	0.0
100	16QAM	1	1		22.07		23.5	0.0
100	64QAM	1	1		21.87		23.5	0.0
100	256QAM	1	1		21.89		23.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.85	22.03	21.90	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.75	21.97	21.78	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.77	21.90	21.84	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.79	21.93	21.82	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.79	22.02	21.83	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.81	21.99	21.86	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	21.80	21.95	21.82	23.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	21.78	21.98	21.80	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.82	21.98	21.78	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.80	21.99	21.89	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.76	21.99	21.81	23.5	0.0

PC3 FR1 n78 PartQ Ant5 DSI 4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.07		20.0	0.0
100	PI/2 BPSK	1	137		18.92			
100	PI/2 BPSK	1	271		18.93			
100	PI/2 BPSK	135	0		19.12		20.0	0.0
100	PI/2 BPSK	135	69		19.09		20.0	0.0
100	PI/2 BPSK	135	138		18.86		20.0	0.0
100	PI/2 BPSK	270	0		18.83			
100	QPSK	1	1		19.14		20.0	0.0
100	QPSK	1	137		18.99			
100	QPSK	1	271		18.90			
100	QPSK	135	0		18.91		20.0	0.0
100	QPSK	135	69		19.09			
100	QPSK	135	138		18.83			
100	QPSK	270	0		19.06		20.0	0.0
100	16QAM	1	1		18.90		20.0	0.0
100	64QAM	1	1		18.94		20.0	0.0
100	256QAM	1	1		18.96		20.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.92	19.01	18.84	20.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.92	18.97	18.95	20.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.85	19.01	18.92	20.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.94	19.01	18.91	20.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.95	18.92	18.87	20.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.91	18.92	18.86	20.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.89	19.04	18.92	20.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.89	18.94	18.87	20.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.87	18.99	18.95	20.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.93	18.99	18.89	20.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.93	18.99	18.92	20.0	0.0

PC2 FR1 n78 PartQ Ant5 DSI 4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.09		23.5	0.0
100	PI/2 BPSK	1	137		22.01			
100	PI/2 BPSK	1	271		22.01			
100	PI/2 BPSK	135	0		22.06		23.5	0.0
100	PI/2 BPSK	135	69		22.11		23.5	0.0
100	PI/2 BPSK	135	138		21.89		23.5	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		22.13		23.5	0.0
100	QPSK	1	137		22.09			
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.93		23.5	0.0
100	QPSK	135	69		22.08			
100	QPSK	135	138		21.81			
100	QPSK	270	0		22.04		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		22.00		23.5	0.0
100	256QAM	1	1		22.07		23.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.99	22.01	21.82	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.98	22.00	21.86	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.90	22.05	21.89	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.92	22.02	21.90	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.01	21.99	21.90	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.90	22.09	21.90	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.95	22.11	21.83	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.97	22.11	21.95	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.03	22.10	21.94	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.95	21.99	21.87	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.93	22.03	21.87	23.5	0.0

FR1 n7 Ant6 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.34	21.47	21.35	22.6	0.0
50	PI/2 BPSK	1	135	21.57	21.50	21.52		
50	PI/2 BPSK	1	268	21.41	21.40	21.42		
50	PI/2 BPSK	135	0	21.46	21.48	21.55	22.6	0.0
50	PI/2 BPSK	135	68	21.37	21.46	21.40	22.6	0.0
50	PI/2 BPSK	135	135	21.33	21.40	21.33	22.6	0.0
50	PI/2 BPSK	270	0	21.53	21.40	21.51		
50	QPSK	1	1	21.62	21.76	21.70	22.6	0.0
50	QPSK	1	135	21.39	21.45	21.35		
50	QPSK	1	268	21.46	21.45	21.59		
50	QPSK	135	0	21.37	21.35	21.36	22.6	0.0
50	QPSK	135	68	21.46	21.56	21.53	22.6	0.0
50	QPSK	135	135	21.37	21.45	21.40	22.6	0.0
50	QPSK	270	0	21.30	21.45	21.37		
50	16QAM	1	1	21.45	21.48	21.51	22.6	0.0
50	64QAM	1	1	20.54	20.56	20.56	21.6	1.0
50	256QAM	1	1	18.68	18.62	18.39	19.6	3.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.52	21.47	21.60	22.6	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.55	21.50	21.54	22.6	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.57	21.47	21.59	22.6	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.47	21.40	21.59	22.6	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.53	21.43	21.58	22.6	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.47	21.37	21.61	22.6	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.53	21.48	21.59	22.6	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.55	21.39	21.50	22.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.91	21.95	21.85	22.9	0.0
45	PI/2 BPSK	1	120	21.96	22.01	21.89		
45	PI/2 BPSK	1	240	21.97	22.00	21.86		
45	PI/2 BPSK	120	0	21.91	21.98	21.83	22.9	0.0
45	PI/2 BPSK	120	60	21.96	22.00	21.87	22.9	0.0
45	PI/2 BPSK	120	120	21.97	22.03	21.88	22.9	0.0
45	PI/2 BPSK	240	0	21.96	21.98	21.97		
45	QPSK	1	1	21.99	22.09	21.89	22.9	0.0
45	QPSK	1	120	21.88	21.98	21.93		
45	QPSK	1	240	21.99	21.92	21.94		
45	QPSK	120	0	21.91	21.92	21.84	22.9	0.0
45	QPSK	120	60	21.97	22.04	21.88	22.9	0.0
45	QPSK	120	120	21.99	22.02	21.84	22.9	0.0
45	QPSK	240	0	22.00	22.01	21.87		
45	16QAM	1	1	21.94	21.95	21.87	22.9	0.0
45	64QAM	1	1	20.63	20.76	20.66	21.9	1.0
45	256QAM	1	1	18.85	18.73	18.71	19.9	3.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.02	22.00	21.83	22.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.00	22.01	21.83	22.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.05	22.02	21.80	22.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.94	22.03	21.76	22.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.98	22.00	21.79	22.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.97	21.98	21.76	22.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.03	22.03	21.85	22.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.02	22.03	21.85	22.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	20.22	20.36	20.40	21.8	0.0
40	PI/2 BPSK	1	53	20.14	20.36	20.29		
40	PI/2 BPSK	1	104	20.20	20.30	20.21		
40	PI/2 BPSK	50	0	20.24	20.37	20.38	21.8	0.0
40	PI/2 BPSK	50	28	20.22	20.28	20.42	21.8	0.0
40	PI/2 BPSK	50	56	20.16	20.40	20.28	21.8	0.0
40	PI/2 BPSK	100	0	20.15	20.20	20.23		
40	QPSK	1	1	20.37	20.50	20.41	21.8	0.0
40	QPSK	1	53	20.32	20.29	20.30		
40	QPSK	1	104	20.28	20.19	20.38		
40	QPSK	50	0	20.27	20.28	20.25	21.8	0.0
40	QPSK	50	28	20.27	20.37	20.21		
40	QPSK	50	56	20.20	20.35	20.25		
40	QPSK	100	0	20.27	20.41	20.39	21.8	0.0
40	16QAM	1	1	20.30	20.36	20.49	21.8	0.0
40	64QAM	1	1	20.28	20.38	20.49	21.8	0.0
40	256QAM	1	1	18.18	18.37	18.36	19.8	2.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	20.20	20.37	20.44	21.8	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.20	20.28	20.39	21.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.32	20.26	20.44	21.8	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	20.24	20.27	20.40	21.8	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	20.23	20.27	20.40	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.47	20.61	20.50	21.7	0.0
100	PI/2 BPSK	1	137	20.30	20.38	20.38		
100	PI/2 BPSK	1	271	20.40	20.32	20.41		
100	PI/2 BPSK	135	0	20.56	20.69	20.51	21.7	0.0
100	PI/2 BPSK	135	69	20.47	20.67	20.49	21.7	0.0
100	PI/2 BPSK	135	138	20.26	20.37	20.39	21.7	0.0
100	PI/2 BPSK	270	0	20.40	20.26	20.38		
100	QPSK	1	1	20.50	20.70	20.60	21.7	0.0
100	QPSK	1	137	20.43	20.48	20.51		
100	QPSK	1	271	20.57	20.48	20.52		
100	QPSK	135	0	20.55	20.59	20.56	21.7	0.0
100	QPSK	135	69	20.22	20.65	20.42		
100	QPSK	135	138	20.49	20.58	20.45		
100	QPSK	270	0	20.24	20.36	20.33	21.7	0.0
100	16QAM	1	1	20.46	20.32	20.49	21.7	0.0
100	64QAM	1	1	20.57	20.48	20.48	21.7	0.0
100	256QAM	1	1	18.45	18.62	18.64	19.7	2.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.48	20.67	20.53	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.43	20.59	20.50	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.43	20.66	20.49	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.43	20.67	20.52	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.49	20.59	20.52	21.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.39	20.64	20.47	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.46	20.61	20.53	21.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.42	20.57	20.56	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.45	20.61	20.54	21.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.44	20.68	20.59	21.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.41	20.60	20.47	21.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.46	20.66	20.49	21.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.43	20.59	20.55	21.7	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.00	16.94	16.93	17.7	0.0
40	PI/2 BPSK	1	53	16.97	17.11	16.98		
40	PI/2 BPSK	1	104	16.92	17.13	17.03		
40	PI/2 BPSK	50	0	17.08	17.00	17.02	17.7	0.0
40	PI/2 BPSK	50	28	16.95	17.00	17.01	17.7	0.0
40	PI/2 BPSK	50	56	17.04	17.00	16.97	17.7	0.0
40	PI/2 BPSK	100	0	17.00	16.97	16.97		
40	QPSK	1	1	17.08	17.16	16.98	17.7	0.0
40	QPSK	1	53	16.98	16.98	16.97		
40	QPSK	1	104	17.08	17.15	17.03		
40	QPSK	50	0	17.08	17.02	17.05	17.7	0.0
40	QPSK	50	28	16.99	17.09	16.99		
40	QPSK	50	56	17.01	16.99	17.00		
40	QPSK	100	0	16.96	17.06	16.92	17.7	0.0
40	16QAM	1	1	17.08	16.99	17.02	17.7	0.0
40	64QAM	1	1	17.00	17.05	16.94	17.7	0.0
40	256QAM	1	1	16.08	16.19	15.92	16.7	1.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.94	16.99	16.87	17.7	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.95	16.92	16.80	17.7	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.04	17.01	16.86	17.7	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.02	16.93	16.77	17.7	0.0

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FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	19.16	18.94	19.8	0.0
100	PI/2 BPSK	1	137	19.09	19.12	19.03		
100	PI/2 BPSK	1	271	19.03	19.08	19.05		
100	PI/2 BPSK	135	0	18.99	19.18	19.02	19.8	0.0
100	PI/2 BPSK	135	69	19.05	19.10	19.07	19.8	0.0
100	PI/2 BPSK	135	138	19.03	19.06	18.97	19.8	0.0
100	PI/2 BPSK	270	0	19.08	19.14	19.07		
100	QPSK	1	1	19.01	19.19	19.06	19.8	0.0
100	QPSK	1	137	18.92	19.02	19.09		
100	QPSK	1	271	19.09	19.04	19.01		
100	QPSK	135	0	19.01	19.10	19.06	19.8	0.0
100	QPSK	135	69	19.10	19.12	19.06		
100	QPSK	135	138	19.10	19.01	19.03		
100	QPSK	270	0	19.03	19.09	19.06	19.8	0.0
100	16QAM	1	1	19.05	19.17	19.08	19.8	0.0
100	64QAM	1	1	18.97	19.11	19.07	19.8	0.0
100	256QAM	1	1	17.51	17.71	17.52	18.3	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.86	19.07	18.91	19.8	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.92	19.00	18.95	19.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.97	19.05	18.87	19.8	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.94	19.00	18.94	19.8	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.93	19.05	18.87	19.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.89	19.00	18.92	19.8	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.87	19.05	18.91	19.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.97	19.09	18.88	19.8	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.95	19.08	18.93	19.8	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.96	19.08	18.85	19.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.90	19.02	18.86	19.8	0.0

PC2 FR1 n77 PartO Ant8 DSI4

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.05	22.13	21.88	23.3	0.0
100	PI/2 BPSK	1	137	22.07	22.09	21.99		
100	PI/2 BPSK	1	271	22.03	22.09	22.04		
100	PI/2 BPSK	135	0	21.97	22.18	22.02	23.3	0.0
100	PI/2 BPSK	135	69	22.03	22.09	22.01	23.3	0.0
100	PI/2 BPSK	135	138	22.05	22.11	21.96	23.3	0.0
100	PI/2 BPSK	270	0	22.07	22.13	22.04		
100	QPSK	1	1	21.98	22.24	22.06	23.3	0.0
100	QPSK	1	137	21.90	22.05	22.08		
100	QPSK	1	271	22.05	21.98	22.00		
100	QPSK	135	0	21.99	22.12	22.00	23.3	0.0
100	QPSK	135	69	22.09	22.17	22.02		
100	QPSK	135	138	22.13	22.00	22.06		
100	QPSK	270	0	22.01	22.13	22.11	23.3	0.0
100	16QAM	1	1	22.02	22.19	22.11	23.3	0.0
100	64QAM	1	1	21.99	22.09	22.11	23.3	0.0
100	256QAM	1	1	20.54	20.72	20.53	21.8	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.87	22.08	21.93	23.3	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.83	22.12	21.88	23.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.88	22.04	21.85	23.3	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.83	22.01	21.86	23.3	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.85	22.13	21.96	23.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.90	22.12	21.86	23.3	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.82	22.03	21.86	23.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	21.89	22.06	21.92	23.3	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.88	22.06	21.93	23.3	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.83	22.05	21.91	23.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.83	22.07	21.97	23.3	0.0

PC3 FR1 n77 PartQ Ant8 DSI4
FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.35		19.8	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.29			
100	PI/2 BPSK	135	0		18.42		19.8	0.0
100	PI/2 BPSK	135	69		18.31		19.8	0.0
100	PI/2 BPSK	135	138		18.34		19.8	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.47		19.8	0.0
100	QPSK	1	137		18.29			
100	QPSK	1	271		18.31			
100	QPSK	135	0		18.34		19.8	0.0
100	QPSK	135	69		18.39			
100	QPSK	135	138		18.26			
100	QPSK	270	0		18.37		19.8	0.0
100	16QAM	1	1		18.45		19.8	0.0
100	64QAM	1	1		18.31		19.8	0.0
100	256QAM	1	1		16.89		18.3	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.32	18.42	18.43	19.8	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.33	18.32	18.35	19.8	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.32	18.37	18.39	19.8	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.40	18.33	18.31	19.8	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.33	18.40	18.34	19.8	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.34	18.39	18.35	19.8	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.37	18.39	18.36	19.8	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.42	18.37	18.36	19.8	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.39	18.36	18.41	19.8	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.37	18.39	18.40	19.8	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.41	18.37	18.40	19.8	0.0

PC2 FR1 n77 PartQ Ant8 DSI4
FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.35		23.3	0.0
100	PI/2 BPSK	1	137		21.37			
100	PI/2 BPSK	1	271		21.36			
100	PI/2 BPSK	135	0		21.37		23.3	0.0
100	PI/2 BPSK	135	69		21.30		23.3	0.0
100	PI/2 BPSK	135	138		21.30		23.3	0.0
100	PI/2 BPSK	270	0		21.31			
100	QPSK	1	1		21.47		23.3	0.0
100	QPSK	1	137		21.31			
100	QPSK	1	271		21.32			
100	QPSK	135	0		21.30		23.3	0.0
100	QPSK	135	69		21.41			
100	QPSK	135	138		21.26			
100	QPSK	270	0		21.40		23.3	0.0
100	16QAM	1	1		21.43		23.3	0.0
100	64QAM	1	1		21.35		23.3	0.0
100	256QAM	1	1		20.31		22.3	1.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.41	21.34	21.42	23.3	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.35	21.36	21.32	23.3	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.35	21.33	21.41	23.3	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.35	21.41	21.38	23.3	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.42	21.38	21.33	23.3	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.41	21.32	21.35	23.3	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.36	21.32	21.36	23.3	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.37	21.40	21.42	23.3	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.41	21.42	21.37	23.3	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.40	21.35	21.43	23.3	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.42	21.41	21.39	23.3	0.0

PC3 FR1 n78 PartO Ant8 DSI4
FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.64		19.2	0.0
100	PI/2 BPSK	1	137		18.66			
100	PI/2 BPSK	1	271		18.59			
100	PI/2 BPSK	135	0		18.64		19.2	0.0
100	PI/2 BPSK	135	69		18.54		19.2	0.0
100	PI/2 BPSK	135	138		18.62		19.2	0.0
100	PI/2 BPSK	270	0		18.66			
100	QPSK	1	1		18.74		19.2	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.58			
100	QPSK	135	0		18.65		19.2	0.0
100	QPSK	135	69		18.67			
100	QPSK	135	138		18.66			
100	QPSK	270	0		18.58		19.2	0.0
100	16QAM	1	1		18.60		19.2	0.0
100	64QAM	1	1		18.56		19.2	0.0
100	256QAM	1	1		17.69		18.2	1.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.62	18.60	18.59	19.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.63	18.61	18.51	19.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.61	18.61	18.58	19.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.54	18.60	18.55	19.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.60	18.59	18.58	19.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.52	18.55	18.60	19.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.59	18.55	18.53	19.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	18.56	18.52	18.56	19.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.64	18.52	18.52	19.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.53	18.63	18.56	19.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.62	18.55	18.48	19.2	0.0

PC2 FR1 n78 PartO Ant8 DSI4

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.64		22.7	0.0
100	PI/2 BPSK	1	137		21.61			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.61		22.7	0.0
100	PI/2 BPSK	135	69		21.53		22.7	0.0
100	PI/2 BPSK	135	138		21.64		22.7	0.0
100	PI/2 BPSK	270	0		21.66			
100	QPSK	1	1		21.75		22.7	0.0
100	QPSK	1	137		21.67			
100	QPSK	1	271		21.54			
100	QPSK	135	0		21.71		22.7	0.0
100	QPSK	135	69		21.69			
100	QPSK	135	138		21.70			
100	QPSK	270	0		21.63		22.7	0.0
100	16QAM	1	1		21.65		22.7	0.0
100	64QAM	1	1		21.52		22.7	0.0
100	256QAM	1	1		20.69		21.7	1.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	21.64	21.57	21.61	22.7	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	21.66	21.58	21.63	22.7	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	21.60	21.59	21.58	22.7	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	21.56	21.57	21.61	22.7	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	21.59	21.63	21.64	22.7	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	21.68	21.64	21.54	22.7	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	21.63	21.59	21.62	22.7	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	21.56	21.58	21.61	22.7	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	21.63	21.64	21.59	22.7	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	21.62	21.64	21.62	22.7	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	21.58	21.63	21.59	22.7	0.0

PC3 FR1 n78 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.98		19.2	0.0
100	PI/2 BPSK	1	137		18.03			
100	PI/2 BPSK	1	271		18.07			
100	PI/2 BPSK	135	0		18.02		19.2	0.0
100	PI/2 BPSK	135	69		18.05		19.2	0.0
100	PI/2 BPSK	135	138		18.10		19.2	0.0
100	PI/2 BPSK	270	0		17.93			
100	QPSK	1	1		18.13		19.2	0.0
100	QPSK	1	137		18.07			
100	QPSK	1	271		18.11			
100	QPSK	135	0		18.03		19.2	0.0
100	QPSK	135	69		18.08			
100	QPSK	135	138		17.96			
100	QPSK	270	0		18.03		19.2	0.0
100	16QAM	1	1		18.03		19.2	0.0
100	64QAM	1	1		17.98		19.2	0.0
100	256QAM	1	1		17.07		17.7	1.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	17.80	17.86	17.89	19.2	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	17.86	17.85	17.78	19.2	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	17.80	17.84	17.82	19.2	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	17.83	17.79	17.83	19.2	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	17.85	17.78	17.88	19.2	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	17.86	17.79	17.87	19.2	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	17.82	17.84	17.87	19.2	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	17.80	17.77	17.89	19.2	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	17.81	17.87	17.82	19.2	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	17.84	17.84	17.81	19.2	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	17.84	17.76	17.79	19.2	0.0

PC2 FR1 n78 PartQ Ant8 DSI4

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.96		22.7	0.0
100	PI/2 BPSK	1	137		21.03			
100	PI/2 BPSK	1	271		21.09			
100	PI/2 BPSK	135	0		21.00		22.7	0.0
100	PI/2 BPSK	135	69		21.06		22.7	0.0
100	PI/2 BPSK	135	138		21.08		22.7	0.0
100	PI/2 BPSK	270	0		20.87			
100	QPSK	1	1		21.15		22.7	0.0
100	QPSK	1	137		21.08			
100	QPSK	1	271		21.11			
100	QPSK	135	0		20.97		22.7	0.0
100	QPSK	135	69		21.10			
100	QPSK	135	138		20.98			
100	QPSK	270	0		21.05		22.7	0.0
100	16QAM	1	1		21.07		22.7	0.0
100	64QAM	1	1		21.04		22.7	0.0
100	256QAM	1	1		20.13		21.7	1.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	20.84	20.87	20.94	22.7	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	20.79	20.88	20.85	22.7	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	20.76	20.84	20.87	22.7	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	20.75	20.84	20.93	22.7	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	20.77	20.89	20.88	22.7	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	20.80	20.88	20.89	22.7	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	20.80	20.91	20.87	22.7	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	20.83	20.86	20.90	22.7	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	20.80	20.83	20.89	22.7	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	20.84	20.92	20.93	22.7	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	20.81	20.85	20.93	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.10	23.20	23.17	24.2	0.0
40	PI/2 BPSK	1	53	23.23	23.21	23.22		
40	PI/2 BPSK	1	104	23.22	23.25	23.13		
40	PI/2 BPSK	50	0	22.80	22.92	22.90	23.7	0.5
40	PI/2 BPSK	50	28	23.18	23.26	23.18	24.2	0.0
40	PI/2 BPSK	50	56	22.81	22.83	22.62	23.7	0.5
40	PI/2 BPSK	100	0	22.74	22.90	22.71		
40	QPSK	1	1	23.02	23.31	23.25	24.2	0.0
40	QPSK	1	53	23.13	23.24	23.19		
40	QPSK	1	104	23.07	23.19	23.01		
40	QPSK	50	0	22.29	22.37	22.25	24.2	0.0
40	QPSK	50	28	23.27	23.29	23.28		
40	QPSK	50	56	22.24	22.30	22.32		
40	QPSK	100	0	22.34	22.35	22.20	23.2	1.0
40	16QAM	1	1	22.02	22.21	22.07	23.2	1.0
40	64QAM	1	1	20.70	20.77	20.63	21.7	2.5
40	256QAM	1	1	18.78	18.79	18.71	19.7	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.97	23.28	23.16	24.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.96	23.18	23.19	24.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.95	23.17	23.19	24.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.82	23.26	23.10	24.2	0.0

PC3 FR1 n77 PartO Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.23	23.40	23.25	24.4	0.0
100	PI/2 BPSK	1	137	23.27	23.31	23.18		
100	PI/2 BPSK	1	271	23.26	23.39	23.27		
100	PI/2 BPSK	135	0	23.22	23.33	23.23	24.4	0.0
100	PI/2 BPSK	135	69	23.19	23.37	23.20	24.4	0.0
100	PI/2 BPSK	135	138	23.21	23.36	23.23	24.4	0.0
100	PI/2 BPSK	270	0	23.21	23.33	23.21		
100	QPSK	1	1	23.25	23.41	23.23	24.4	0.0
100	QPSK	1	137	23.28	23.34	23.26		
100	QPSK	1	271	23.28	23.29	23.24		
100	QPSK	135	0	23.25	23.35	23.27	24.4	0.0
100	QPSK	135	69	23.30	23.36	23.21		
100	QPSK	135	138	23.23	23.34	23.20		
100	QPSK	270	0	23.24	23.31	23.29	24.4	0.0
100	16QAM	1	1	23.24	23.39	23.22	24.4	0.0
100	64QAM	1	1	21.70	21.88	21.67	22.9	1.5
100	256QAM	1	1	19.75	19.85	19.68	20.9	3.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.18	23.20	23.09	24.4	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.10	23.23	23.12	24.4	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.28	23.16	24.4	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.20	23.31	23.11	24.4	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.16	23.29	23.18	24.4	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.19	23.22	23.15	24.4	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	23.13	23.31	23.17	24.4	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	23.16	23.23	23.13	24.4	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.21	23.20	23.13	24.4	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.14	23.25	23.15	24.4	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.21	23.29	23.13	24.4	0.0

PC2 FR1 n77 PartO Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.26	26.36	26.30	27.9	0.0
100	PI/2 BPSK	1	137	26.27	26.32	26.15		
100	PI/2 BPSK	1	271	26.32	26.42	26.28		
100	PI/2 BPSK	135	0	26.19	26.36	26.21	27.9	0.0
100	PI/2 BPSK	135	69	26.22	26.35	26.25	27.9	0.0
100	PI/2 BPSK	135	138	26.25	26.34	26.28	27.9	0.0
100	PI/2 BPSK	270	0	26.26	26.31	26.25		
100	QPSK	1	1	26.19	26.45	26.22	27.9	0.0
100	QPSK	1	137	26.26	26.40	26.21		
100	QPSK	1	271	26.30	26.27	26.29		
100	QPSK	135	0	26.28	26.39	26.28	27.9	0.0
100	QPSK	135	69	26.35	26.41	26.22		
100	QPSK	135	138	26.17	26.35	26.16		
100	QPSK	270	0	26.26	26.35	26.33	27.9	0.0
100	16QAM	1	1	26.29	26.42	26.16	27.9	0.0
100	64QAM	1	1	24.73	24.88	24.65	26.4	1.5
100	256QAM	1	1	22.70	22.87	22.66	24.4	3.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	26.10	26.26	26.07	27.9	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	26.12	26.29	26.13	27.9	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.06	26.27	26.18	27.9	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	26.06	26.28	26.18	27.9	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	26.12	26.32	26.07	27.9	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.15	26.36	26.12	27.9	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	26.05	26.27	26.14	27.9	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	26.13	26.30	26.15	27.9	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	26.10	26.30	26.09	27.9	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	26.10	26.30	26.15	27.9	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.06	26.32	26.09	27.9	0.0

PC3 FR1 n77 PartQ Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.55		24.4	0.0
100	PI/2 BPSK	1	137		23.51			
100	PI/2 BPSK	1	271		23.49			
100	PI/2 BPSK	135	0		23.55		24.4	0.0
100	PI/2 BPSK	135	69		23.49		24.4	0.0
100	PI/2 BPSK	135	138		23.56		24.4	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		23.59		24.4	0.0
100	QPSK	1	137		23.47			
100	QPSK	1	271		23.49			
100	QPSK	135	0		23.53		24.4	0.0
100	QPSK	135	69		23.57			
100	QPSK	135	138		23.49			
100	QPSK	270	0		23.56		24.4	0.0
100	16QAM	1	1		23.49		24.4	0.0
100	64QAM	1	1		22.02		22.9	1.5
100	256QAM	1	1		20.15		20.9	3.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.34	23.42	23.34	24.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.34	23.33	23.41	24.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.42	23.35	23.33	24.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.35	23.39	23.42	24.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.43	23.38	23.42	24.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.43	23.36	23.41	24.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.44	23.41	23.33	24.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.41	23.40	23.40	24.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.34	23.39	23.43	24.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.37	23.40	23.36	24.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.42	23.42	23.37	24.4	0.0

PC2 FR1 n77 PartQ Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.56		27.9	0.0
100	PI/2 BPSK	1	137		26.48			
100	PI/2 BPSK	1	271		26.50			
100	PI/2 BPSK	135	0		26.54		27.9	0.0
100	PI/2 BPSK	135	69		26.45		27.9	0.0
100	PI/2 BPSK	135	138		26.60		27.9	0.0
100	PI/2 BPSK	270	0		26.61			
100	QPSK	1	1		26.65		27.9	0.0
100	QPSK	1	137		26.47			
100	QPSK	1	271		26.47			
100	QPSK	135	0		26.49		27.9	0.0
100	QPSK	135	69		26.58			
100	QPSK	135	138		26.48			
100	QPSK	270	0		26.51		27.9	0.0
100	16QAM	1	1		26.48		27.9	0.0
100	64QAM	1	1		24.99		26.4	1.5
100	256QAM	1	1		23.21		24.4	3.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.44	26.47	26.44	27.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.47	26.50	26.46	27.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.48	26.44	26.40	27.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.45	26.48	26.39	27.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.49	26.40	26.42	27.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.46	26.47	26.43	27.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.45	26.41	26.50	27.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.48	26.48	26.50	27.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.49	26.48	26.49	27.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.48	26.46	26.46	27.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.48	26.44	26.42	27.9	0.0

PC3 FR1 n78 PartO Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.53		24.4	0.0
100	PI/2 BPSK	1	137		23.48			
100	PI/2 BPSK	1	271		23.54			
100	PI/2 BPSK	135	0		23.55		24.4	0.0
100	PI/2 BPSK	135	69		23.48		24.4	0.0
100	PI/2 BPSK	135	138		23.53		24.4	0.0
100	PI/2 BPSK	270	0		23.53			
100	QPSK	1	1		23.61		24.4	0.0
100	QPSK	1	137		23.53			
100	QPSK	1	271		23.54			
100	QPSK	135	0		23.54		24.4	0.0
100	QPSK	135	69		23.58			
100	QPSK	135	138		23.56			
100	QPSK	270	0		23.50		24.4	0.0
100	16QAM	1	1		23.57		24.4	0.0
100	64QAM	1	1		22.05		22.9	1.5
100	256QAM	1	1		20.01		20.9	3.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.40	23.50	23.51	24.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.51	23.52	23.45	24.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.42	23.51	23.41	24.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.44	23.49	23.46	24.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.47	23.50	23.52	24.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.40	23.51	23.43	24.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	23.48	23.43	23.50	24.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	23.46	23.52	23.49	24.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.51	23.50	23.43	24.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.48	23.40	23.50	24.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.48	23.50	23.52	24.4	0.0

PC2 FR1 n78 PartO Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.57		27.9	0.0
100	PI/2 BPSK	1	137		26.48			
100	PI/2 BPSK	1	271		26.52			
100	PI/2 BPSK	135	0		26.52		27.9	0.0
100	PI/2 BPSK	135	69		26.53		27.9	0.0
100	PI/2 BPSK	135	138		26.50		27.9	0.0
100	PI/2 BPSK	270	0		26.52			
100	QPSK	1	1		26.64		27.9	0.0
100	QPSK	1	137		26.58			
100	QPSK	1	271		26.49			
100	QPSK	135	0		26.48		27.9	0.0
100	QPSK	135	69		26.61			
100	QPSK	135	138		26.57			
100	QPSK	270	0		26.54		27.9	0.0
100	16QAM	1	1		26.58		27.9	0.0
100	64QAM	1	1		25.05		26.4	1.5
100	256QAM	1	1		22.98		24.4	3.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	26.58	26.55	26.49	27.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	26.49	26.58	26.49	27.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.52	26.48	26.51	27.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	26.58	26.53	26.52	27.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	26.56	26.52	26.53	27.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.57	26.56	26.54	27.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	26.50	26.58	26.54	27.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	26.54	26.59	26.49	27.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.49	26.49	26.56	27.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	26.57	26.58	26.58	27.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.54	26.52	26.57	27.9	0.0

PC3 FR1 n78 PartQ Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.31		24.4	0.0
100	PI/2 BPSK	1	137		23.28			
100	PI/2 BPSK	1	271		23.26			
100	PI/2 BPSK	135	0		23.29		24.4	0.0
100	PI/2 BPSK	135	69		23.36		24.4	0.0
100	PI/2 BPSK	135	138		23.35		24.4	0.0
100	PI/2 BPSK	270	0		23.35			
100	QPSK	1	1		23.38		24.4	0.0
100	QPSK	1	137		23.37			
100	QPSK	1	271		23.33			
100	QPSK	135	0		23.32		24.4	0.0
100	QPSK	135	69		23.35			
100	QPSK	135	138		23.33			
100	QPSK	270	0		23.32		24.4	0.0
100	16QAM	1	1		23.25		24.4	0.0
100	64QAM	1	1		21.81		22.9	1.5
100	256QAM	1	1		19.83		20.9	3.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.24	23.16	23.16	24.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.20	23.20	23.22	24.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.18	23.19	23.23	24.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.24	23.21	23.19	24.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.17	23.20	23.20	24.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.19	23.20	23.22	24.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.17	23.23	23.20	24.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.24	23.25	23.21	24.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.25	23.24	24.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.21	23.14	23.15	24.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.20	23.13	23.14	24.4	0.0

PC2 FR1 n78 PartQ Ant9 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.27		27.9	0.0
100	PI/2 BPSK	1	137		26.22			
100	PI/2 BPSK	1	271		26.24			
100	PI/2 BPSK	135	0		26.28		27.9	0.0
100	PI/2 BPSK	135	69		26.37		27.9	0.0
100	PI/2 BPSK	135	138		26.35		27.9	0.0
100	PI/2 BPSK	270	0		26.33			
100	QPSK	1	1		26.45		27.9	0.0
100	QPSK	1	137		26.33			
100	QPSK	1	271		26.32			
100	QPSK	135	0		26.38		27.9	0.0
100	QPSK	135	69		26.39			
100	QPSK	135	138		26.36			
100	QPSK	270	0		26.28		27.9	0.0
100	16QAM	1	1		26.24		27.9	0.0
100	64QAM	1	1		24.77		26.4	1.5
100	256QAM	1	1		22.86		24.4	3.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.27	26.19	26.28	27.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.19	26.26	26.24	27.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.21	26.20	26.28	27.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.25	26.25	26.27	27.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.23	26.25	27.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.26	26.23	26.24	27.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.17	26.19	26.23	27.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.22	26.23	26.20	27.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.28	26.20	26.27	27.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.26	26.28	26.17	27.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.26	26.23	26.18	27.9	0.0

Reduced Power Mode for DSI 5

FR1 n5 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.29	25.29	25.16	25.7	0.0
20	PI/2 BPSK	1	53	25.28	25.27	25.26		
20	PI/2 BPSK	1	104	25.13	25.15	25.07		
20	PI/2 BPSK	50	0	24.41	24.82	24.54	25.2	0.5
20	PI/2 BPSK	50	28	25.31	25.26	25.07	25.7	0.0
20	PI/2 BPSK	50	56	24.59	24.69	24.77	25.2	0.5
20	PI/2 BPSK	100	0	24.50	24.45	24.71		
20	QPSK	1	1	25.30	25.37	25.28	25.7	0.0
20	QPSK	1	53	25.17	25.33	25.07		
20	QPSK	1	104	25.18	25.01	24.96		
20	QPSK	50	0	24.00	24.17	23.91	24.7	1.0
20	QPSK	50	28	24.90	25.35	24.88	25.7	0.0
20	QPSK	50	56	23.99	24.11	24.06	24.7	1.0
20	QPSK	100	0	24.27	24.31	24.14		
20	16QAM	1	1	24.14	24.11	24.00	24.7	1.0
20	64QAM	1	1	22.44	22.68	22.82	23.2	2.5
20	256QAM	1	1	20.46	20.45	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.34	25.21	25.16	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.30	25.29	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.15	25.14	25.34	25.7	0.0

FR1 n12 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.41	24.57	24.51	25.5	0.0
15	PI/2 BPSK	1	40	24.38	24.54	24.37		
15	PI/2 BPSK	1	77	24.29	24.46	24.25		
15	PI/2 BPSK	36	0	23.94	24.05	23.86	25.0	0.5
15	PI/2 BPSK	36	22	24.45	24.44	24.23	25.5	0.0
15	PI/2 BPSK	36	43	23.81	24.02	23.91	25.0	0.5
15	PI/2 BPSK	75	0	24.02	24.04	24.02		
15	QPSK	1	1	24.43	24.63	24.53	25.5	0.0
15	QPSK	1	40	24.45	24.54	24.55		
15	QPSK	1	77	24.54	24.59	24.52		
15	QPSK	36	0	23.52	23.52	23.41	24.5	1.0
15	QPSK	36	22	24.57	24.57	24.48	25.5	0.0
15	QPSK	36	43	23.34	23.53	23.53	24.5	1.0
15	QPSK	75	0	23.47	23.56	23.44		
15	16QAM	1	1	23.69	23.67	23.65	24.5	1.0
15	64QAM	1	1	22.02	22.23	22.05	23.0	2.5
15	256QAM	1	1	19.97	20.09	20.07	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.62	24.51	24.56	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.52	24.58	24.57	25.5	0.0

FR1 n26 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.20	25.18	25.03	25.7	0.0
20	PI/2 BPSK	1	53	25.15	25.23	25.25		
20	PI/2 BPSK	1	104	25.01	25.15	25.19		
20	PI/2 BPSK	50	0	24.56	24.67	24.55	25.2	0.5
20	PI/2 BPSK	50	28	25.20	25.13	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.54	24.67	24.78	25.2	0.5
20	PI/2 BPSK	100	0	24.47	24.59	24.73		
20	QPSK	1	1	25.19	25.26	25.22	25.7	0.0
20	QPSK	1	53	25.18	25.24	25.14		
20	QPSK	1	104	25.13	24.99	25.04		
20	QPSK	50	0	23.94	24.04	24.04	24.7	1.0
20	QPSK	50	28	25.03	25.21	25.02	25.7	0.0
20	QPSK	50	56	24.06	24.15	24.05	24.7	1.0
20	QPSK	100	0	24.16	24.22	24.17		
20	16QAM	1	1	24.03	24.12	24.06	24.7	1.0
20	64QAM	1	1	22.58	22.67	22.79	23.2	2.5
20	256QAM	1	1	20.47	20.57	20.67	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.18	25.18	25.15	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.18	25.21	25.14	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.06	25.16	25.21	25.7	0.0

FR1 n5 Ant1 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.26	19.30	19.23	20.0	0.0
20	PI/2 BPSK	1	53	19.18	19.32	19.14		
20	PI/2 BPSK	1	104	19.22	19.32	19.16		
20	PI/2 BPSK	50	0	19.23	19.32	19.16	20.0	0.0
20	PI/2 BPSK	50	28	19.27	19.23	19.21	20.0	0.0
20	PI/2 BPSK	50	56	19.23	19.30	19.14	20.0	0.0
20	PI/2 BPSK	100	0	19.17	19.22	19.22		
20	QPSK	1	1	19.29	19.34	19.25	20.0	0.0
20	QPSK	1	53	19.26	19.24	19.14		
20	QPSK	1	104	19.20	19.28	19.22		
20	QPSK	50	0	19.20	19.21	19.12	20.0	0.0
20	QPSK	50	28	19.19	19.29	19.19	20.0	0.0
20	QPSK	50	56	19.16	19.27	19.20	20.0	0.0
20	QPSK	100	0	19.25	19.26	19.21		
20	16QAM	1	1	19.24	19.23	19.17	20.0	0.0
20	64QAM	1	1	19.20	19.24	19.11	20.0	0.0
20	256QAM	1	1	19.20	19.21	19.20	20.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.20	19.21	19.21	20.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.24	19.22	19.16	20.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.17	19.26	19.14	20.0	0.0

FR1 n12 Ant1 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.27	23.32	23.17	24.0	0.0
15	PI/2 BPSK	1	40	23.25	23.28	23.22		
15	PI/2 BPSK	1	77	23.22	23.31	23.26		
15	PI/2 BPSK	36	0	23.22	23.25	23.26	24.0	0.0
15	PI/2 BPSK	36	22	23.26	23.30	23.23	24.0	0.0
15	PI/2 BPSK	36	43	23.18	23.23	23.16	24.0	0.0
15	PI/2 BPSK	75	0	23.27	23.31	23.20		
15	QPSK	1	1	23.31	23.37	23.29	24.0	0.0
15	QPSK	1	40	23.21	23.23	23.25		
15	QPSK	1	77	23.18	23.30	23.24		
15	QPSK	36	0	23.20	23.24	23.24	24.0	0.0
15	QPSK	36	22	23.21	23.34	23.24	24.0	0.0
15	QPSK	36	43	23.25	23.26	23.15	24.0	0.0
15	QPSK	75	0	23.19	23.28	23.17		
15	16QAM	1	1	23.24	23.23	23.22	24.0	0.0
15	64QAM	1	1	21.83	21.86	21.83	22.5	1.5
	256QAM	1	1	19.76	19.86	19.78	20.5	3.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.18	23.31	23.22	24.0	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.19	23.27	23.15	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.21	20.32	20.20	21.0	0.0
20	PI/2 BPSK	1	53	20.21	20.33	20.26		
20	PI/2 BPSK	1	104	20.28	20.29	20.19		
20	PI/2 BPSK	50	0	20.21	20.36	20.23	21.0	0.0
20	PI/2 BPSK	50	28	20.30	20.31	20.19	21.0	0.0
20	PI/2 BPSK	50	56	20.31	20.34	20.24	21.0	0.0
20	PI/2 BPSK	100	0	20.21	20.34	20.20		
20	QPSK	1	1	20.33	20.39	20.31	21.0	0.0
20	QPSK	1	53	20.25	20.31	20.26		
20	QPSK	1	104	20.20	20.33	20.19		
20	QPSK	50	0	20.21	20.26	20.28	21.0	0.0
20	QPSK	50	28	20.25	20.36	20.21	21.0	0.0
20	QPSK	50	56	20.22	20.33	20.25	21.0	0.0
20	QPSK	100	0	20.23	20.29	20.21		
20	16QAM	1	1	20.27	20.26	20.18	21.0	0.0
20	64QAM	1	1	20.20	20.25	20.18	21.0	0.0
20	256QAM	1	1	20.27	20.27	20.23	21.0	0.0
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.24	20.25	20.18	21.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.25	20.32	20.26	21.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.20	20.29	20.23	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.67	21.80	21.74	22.5	0.0
50	PI/2 BPSK	1	135	21.61	21.78	21.68		
50	PI/2 BPSK	1	268	21.69	21.82	21.67		
50	PI/2 BPSK	135	0	21.67	21.73	21.68	22.5	0.0
50	PI/2 BPSK	135	68	21.68	21.79	21.68	22.5	0.0
50	PI/2 BPSK	135	135	21.60	21.80	21.75	22.5	0.0
50	PI/2 BPSK	270	0	21.66	21.79	21.72		
50	QPSK	1	1	21.74	21.86	21.79	22.5	0.0
50	QPSK	1	135	21.66	21.84	21.68		
50	QPSK	1	268	21.67	21.80	21.74		
50	QPSK	135	0	21.67	21.82	21.71	22.5	0.0
50	QPSK	135	68	21.67	21.83	21.76	22.5	0.0
50	QPSK	135	135	21.67	21.76	21.74	22.5	0.0
50	QPSK	270	0	21.61	21.79	21.68		
50	16QAM	1	1	21.69	21.78	21.73	22.5	0.0
50	64QAM	1	1	21.61	21.74	21.74	22.5	0.0
50	256QAM	1	1	19.80	19.87	19.76	20.5	2.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.60	21.74	21.69	22.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.65	21.79	21.68	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.72	21.76	21.76	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.72	21.72	21.72	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.66	21.78	21.77	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.61	21.81	21.71	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.62	21.76	21.70	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.63	21.81	21.68	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.58	21.67	21.54	22.5	0.0
45	PI/2 BPSK	1	120	21.57	21.63	21.54		
45	PI/2 BPSK	1	240	21.58	21.63	21.54		
45	PI/2 BPSK	120	0	21.58	21.61	21.55	22.5	0.0
45	PI/2 BPSK	120	60	21.57	21.64	21.54	22.5	0.0
45	PI/2 BPSK	120	120	21.59	21.64	21.57	22.5	0.0
45	PI/2 BPSK	240	0	21.58	21.65	21.58		
45	QPSK	1	1	21.61	21.74	21.65	22.5	0.0
45	QPSK	1	120	21.54	21.61	21.52		
45	QPSK	1	240	21.57	21.63	21.58		
45	QPSK	120	0	21.52	21.63	21.56	22.5	0.0
45	QPSK	120	60	21.51	21.71	21.59	22.5	0.0
45	QPSK	120	120	21.50	21.67	21.52	22.5	0.0
45	QPSK	240	0	21.51	21.68	21.63		
45	16QAM	1	1	21.51	21.61	21.56	22.5	0.0
45	64QAM	1	1	21.57	21.67	21.60	22.5	0.0
45	256QAM	1	1	19.62	19.79	19.63	20.5	2.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.52	21.66	21.62	22.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.48	21.67	21.60	22.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.56	21.61	21.61	22.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.56	21.68	21.60	22.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.54	21.63	21.58	22.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.50	21.71	21.54	22.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.56	21.70	21.55	22.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.56	21.70	21.56	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.88	19.96	19.86	21.0	0.0
40	PI/2 BPSK	1	53	19.85	19.96	19.91		
40	PI/2 BPSK	1	104	19.87	19.93	19.85		
40	PI/2 BPSK	50	0	19.95	20.00	19.87	21.0	0.0
40	PI/2 BPSK	50	28	19.90	19.92	19.91	21.0	0.0
40	PI/2 BPSK	50	56	19.95	19.99	19.88	21.0	0.0
40	PI/2 BPSK	100	0	19.96	19.94	19.84		
40	QPSK	1	1	19.99	20.02	19.98	21.0	0.0
40	QPSK	1	53	19.88	19.95	19.85		
40	QPSK	1	104	19.96	19.90	19.95		
40	QPSK	50	0	19.88	19.96	19.90	21.0	0.0
40	QPSK	50	28	19.87	19.98	19.86		
40	QPSK	50	56	19.95	19.92	19.93		
40	QPSK	100	0	19.90	19.94	19.92	21.0	0.0
40	16QAM	1	1	19.91	19.88	19.87	21.0	0.0
40	64QAM	1	1	19.95	19.90	19.87	21.0	0.0
40	256QAM	1	1	19.44	19.54	19.52	20.5	0.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.88	19.88	19.94	21.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.91	19.95	19.90	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.91	20.00	19.92	21.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.93	19.97	19.95	21.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.91	19.94	19.93	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.54	19.76	19.66	20.5	0.0
100	PI/2 BPSK	1	137	19.57	19.72	19.71		
100	PI/2 BPSK	1	271	19.57	19.72	19.72		
100	PI/2 BPSK	135	0	19.60	19.74	19.67	20.5	0.0
100	PI/2 BPSK	135	69	19.52	19.80	19.67	20.5	0.0
100	PI/2 BPSK	135	138	19.56	19.75	19.70	20.5	0.0
100	PI/2 BPSK	270	0	19.56	19.74	19.72		
100	QPSK	1	1	19.66	19.84	19.76	20.5	0.0
100	QPSK	1	137	19.60	19.78	19.73		
100	QPSK	1	271	19.64	19.79	19.71		
100	QPSK	135	0	19.57	19.79	19.71	20.5	0.0
100	QPSK	135	69	19.63	19.82	19.74		
100	QPSK	135	138	19.59	19.75	19.64		
100	QPSK	270	0	19.53	19.77	19.63	20.5	0.0
100	16QAM	1	1	19.63	19.74	19.63	20.5	0.0
100	64QAM	1	1	19.53	19.71	19.67	20.5	0.0
100	256QAM	1	1	19.63	19.81	19.71	20.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.53	19.72	19.63	20.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.55	19.70	19.64	20.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.57	19.80	19.71	20.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.60	19.75	19.69	20.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.62	19.73	19.63	20.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.59	19.78	19.70	20.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.62	19.73	19.68	20.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.64	19.80	19.64	20.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.58	19.79	19.74	20.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.57	19.76	19.71	20.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.59	19.80	19.72	20.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.59	19.70	19.62	20.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.53	19.80	19.71	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.36	17.38	17.38	18.0	0.0
40	PI/2 BPSK	1	108	17.35	17.43	17.41		
40	PI/2 BPSK	1	214	17.38	17.45	17.40		
40	PI/2 BPSK	108	0	17.36	17.43	17.35	18.0	0.0
40	PI/2 BPSK	108	54	17.39	17.43	17.38	18.0	0.0
40	PI/2 BPSK	108	108	17.38	17.39	17.31	18.0	0.0
40	PI/2 BPSK	216	0	17.39	17.40	17.33		
40	QPSK	1	1	17.47	17.50	17.44	18.0	0.0
40	QPSK	1	108	17.40	17.39	17.40		
40	QPSK	1	214	17.41	17.38	17.37		
40	QPSK	108	0	17.35	17.40	17.31	18.0	0.0
40	QPSK	108	54	17.42	17.45	17.38	18.0	0.0
40	QPSK	108	108	17.41	17.37	17.37	18.0	0.0
40	QPSK	216	0	17.39	17.43	17.42		
40	16QAM	1	1	17.36	17.39	17.40	18.0	0.0
40	64QAM	1	1	17.37	17.37	17.35	18.0	0.0
40	256QAM	1	1	17.43	17.38	17.38	18.0	0.0
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.33	17.36	17.31	18.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.44	17.37	17.31	18.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.43	17.47	17.36	18.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.42	17.48	17.39	18.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.41	17.37	17.31	18.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.36	17.40	17.42	18.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.40	17.46	17.31	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.89	15.96	15.94	16.2	0.0
50	PI/2 BPSK	1	135	15.89	15.94	15.96		
50	PI/2 BPSK	1	268	15.86	15.95	15.89		
50	PI/2 BPSK	135	0	15.93	15.91	15.95	16.2	0.0
50	PI/2 BPSK	135	68	15.90	15.98	15.88	16.2	0.0
50	PI/2 BPSK	135	135	15.93	15.96	15.98	16.2	0.0
50	PI/2 BPSK	270	0	15.96	15.94	15.99		
50	QPSK	1	1	15.98	16.04	16.01	16.2	0.0
50	QPSK	1	135	15.86	15.98	15.94		
50	QPSK	1	268	15.94	15.99	15.91		
50	QPSK	135	0	15.90	15.92	15.93	16.2	0.0
50	QPSK	135	68	15.87	16.02	15.92	16.2	0.0
50	QPSK	135	135	15.89	16.00	15.97	16.2	0.0
50	QPSK	270	0	15.89	15.96	15.89		
50	16QAM	1	1	15.95	15.92	15.89	16.2	0.0
50	64QAM	1	1	15.93	15.95	15.95	16.2	0.0
50	256QAM	1	1	15.91	15.94	15.94	16.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.93	15.97	15.97	16.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.85	16.00	15.88	16.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.86	15.92	15.93	16.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.86	15.95	15.90	16.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.93	15.98	15.95	16.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.91	15.97	15.88	16.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.85	15.90	15.98	16.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.84	15.98	15.98	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.24	18.42	18.16	19.0	0.0
40	PI/2 BPSK	1	108	18.23	18.38	18.21		
40	PI/2 BPSK	1	214	18.28	18.31	18.17		
40	PI/2 BPSK	108	0	18.27	18.40	18.18	19.0	0.0
40	PI/2 BPSK	108	54	18.24	18.40	18.21	19.0	0.0
40	PI/2 BPSK	108	108	18.31	18.34	18.18	19.0	0.0
40	PI/2 BPSK	216	0	18.24	18.38	18.16		
40	QPSK	1	1	18.35	18.45	18.26	19.0	0.0
40	QPSK	1	108	18.24	18.34	18.12		
40	QPSK	1	214	18.24	18.40	18.17		
40	QPSK	108	0	18.29	18.35	18.22	19.0	0.0
40	QPSK	108	54	18.25	18.43	18.14	19.0	0.0
40	QPSK	108	108	18.31	18.39	18.19	19.0	0.0
40	QPSK	216	0	18.32	18.42	18.12		
40	16QAM	1	1	18.33	18.39	18.19	19.0	0.0
40	64QAM	1	1	18.22	18.32	18.24	19.0	0.0
40	256QAM	1	1	18.22	18.39	18.15	19.0	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	18.27	18.33	18.15	19.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.30	18.35	18.16	19.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.26	18.39	18.17	19.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.30	18.42	18.12	19.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.30	18.33	18.12	19.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.26	18.37	18.15	19.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.26	18.35	18.20	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	17.82	17.97	17.87	18.5	0.0
45	PI/2 BPSK	1	120	17.81	17.97	17.87		
45	PI/2 BPSK	1	240	17.82	17.91	17.85		
45	PI/2 BPSK	120	0	17.87	17.89	17.88	18.5	0.0
45	PI/2 BPSK	120	60	17.85	17.89	17.94	18.5	0.0
45	PI/2 BPSK	120	120	17.89	17.89	17.97	18.5	0.0
45	PI/2 BPSK	240	0	17.89	17.95	17.94		
45	QPSK	1	1	17.94	18.02	17.99	18.5	0.0
45	QPSK	1	120	17.90	17.91	17.86		
45	QPSK	1	240	17.85	17.88	17.86		
45	QPSK	120	0	17.86	17.98	17.86	18.5	0.0
45	QPSK	120	60	17.86	17.99	17.95	18.5	0.0
45	QPSK	120	120	17.81	17.91	17.93	18.5	0.0
45	QPSK	240	0	17.90	17.97	17.96		
45	16QAM	1	1	17.82	17.92	17.92	18.5	0.0
45	64QAM	1	1	17.81	17.95	17.92	18.5	0.0
45	256QAM	1	1	17.85	17.93	17.94	18.5	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.84	17.94	17.85	18.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.80	17.94	17.94	18.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.91	17.92	17.89	18.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.89	17.98	17.93	18.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.80	17.91	17.89	18.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.80	17.96	17.87	18.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.84	17.91	17.86	18.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.81	17.94	17.91	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	17.23	17.34	17.21	17.7	0.0
40	PI/2 BPSK	1	53	17.24	17.29	17.18		
40	PI/2 BPSK	1	104	17.20	17.31	17.24		
40	PI/2 BPSK	50	0	17.26	17.26	17.21	17.7	0.0
40	PI/2 BPSK	50	28	17.16	17.25	17.21	17.7	0.0
40	PI/2 BPSK	50	56	17.18	17.29	17.26	17.7	0.0
40	PI/2 BPSK	100	0	17.17	17.33	17.26		
40	QPSK	1	1	17.29	17.37	17.31	17.7	0.0
40	QPSK	1	53	17.22	17.34	17.22		
40	QPSK	1	104	17.22	17.24	17.20		
40	QPSK	50	0	17.26	17.29	17.21	17.7	0.0
40	QPSK	50	28	17.26	17.33	17.28		
40	QPSK	50	56	17.18	17.24	17.28		
40	QPSK	100	0	17.20	17.27	17.24	17.7	0.0
40	16QAM	1	1	17.16	17.23	17.25	17.7	0.0
40	64QAM	1	1	17.15	17.26	17.23	17.7	0.0
40	256QAM	1	1	17.25	17.26	17.29	17.7	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.24	17.27	17.22	17.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.23	17.31	17.25	17.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.22	17.25	17.27	17.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.23	17.30	17.18	17.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	17.26	17.28	17.27	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.30	16.43	16.37	16.7	0.0
100	PI/2 BPSK	1	137	16.23	16.38	16.30		
100	PI/2 BPSK	1	271	16.27	16.43	16.36		
100	PI/2 BPSK	135	0	16.23	16.35	16.33	16.7	0.0
100	PI/2 BPSK	135	69	16.23	16.45	16.38	16.7	0.0
100	PI/2 BPSK	135	138	16.23	16.40	16.33	16.7	0.0
100	PI/2 BPSK	270	0	16.33	16.37	16.28		
100	QPSK	1	1	16.34	16.56	16.38	16.7	0.0
100	QPSK	1	137	16.22	16.46	16.30		
100	QPSK	1	271	16.23	16.46	16.30		
100	QPSK	135	0	16.25	16.37	16.29	16.7	0.0
100	QPSK	135	69	16.31	16.41	16.28		
100	QPSK	135	138	16.26	16.36	16.35		
100	QPSK	270	0	16.26	16.46	16.32	16.7	0.0
100	16QAM	1	1	16.23	16.40	16.31	16.7	0.0
100	64QAM	1	1	16.26	16.43	16.30	16.7	0.0
100	256QAM	1	1	16.30	16.40	16.31	16.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.30	16.51	16.31	16.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.30	16.49	16.31	16.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.31	16.51	16.29	16.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.26	16.47	16.30	16.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.25	16.48	16.29	16.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.31	16.47	16.25	16.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.31	16.53	16.30	16.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.22	16.46	16.33	16.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.27	16.53	16.32	16.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.28	16.50	16.33	16.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.27	16.50	16.30	16.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.28	16.48	16.34	16.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.25	16.51	16.29	16.7	0.0

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FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.27	19.43	19.41	20.0	0.0
100	PI/2 BPSK	1	137	19.24	19.39	19.33		
100	PI/2 BPSK	1	271	19.33	19.40	19.35		
100	PI/2 BPSK	135	0	19.25	19.38	19.38	20.0	0.0
100	PI/2 BPSK	135	69	19.22	19.44	19.33	20.0	0.0
100	PI/2 BPSK	135	138	19.25	19.38	19.29	20.0	0.0
100	PI/2 BPSK	270	0	19.27	19.37	19.23		
100	QPSK	1	1	19.39	19.54	19.40	20.0	0.0
100	QPSK	1	137	19.26	19.50	19.25		
100	QPSK	1	271	19.17	19.43	19.35		
100	QPSK	135	0	19.27	19.33	19.35	20.0	0.0
100	QPSK	135	69	19.27	19.45	19.31		
100	QPSK	135	138	19.31	19.32	19.34		
100	QPSK	270	0	19.26	19.42	19.37	20.0	0.0
100	16QAM	1	1	19.24	19.45	19.27	20.0	0.0
100	64QAM	1	1	19.26	19.41	19.34	20.0	0.0
100	256QAM	1	1	19.27	19.38	19.30	20.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.34	19.48	19.31	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.32	19.50	19.35	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.36	19.48	19.33	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.34	19.47	19.34	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.34	19.50	19.31	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.34	19.44	19.32	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.36	19.51	19.37	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.37	19.40	19.30	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.34	19.46	19.31	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.31	19.46	19.34	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.36	19.51	19.30	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.36	19.46	19.31	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.30	19.52	19.31	20.0	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.65	15.61	15.71	16.5	0.0
40	PI/2 BPSK	1	53	15.67	15.71	15.62		
40	PI/2 BPSK	1	104	15.68	15.61	15.69		
40	PI/2 BPSK	50	0	15.63	15.63	15.59	16.5	0.0
40	PI/2 BPSK	50	28	15.63	15.63	15.60	16.5	0.0
40	PI/2 BPSK	50	56	15.62	15.68	15.70	16.5	0.0
40	PI/2 BPSK	100	0	15.69	15.61	15.69		
40	QPSK	1	1	15.67	15.79	15.63	16.5	0.0
40	QPSK	1	53	15.66	15.66	15.70		
40	QPSK	1	104	15.61	15.68	15.66		
40	QPSK	50	0	15.60	15.66	15.65	16.5	0.0
40	QPSK	50	28	15.64	15.71	15.65		
40	QPSK	50	56	15.67	15.61	15.65		
40	QPSK	100	0	15.64	15.69	15.67	16.5	0.0
40	16QAM	1	1	15.60	15.70	15.62	16.5	0.0
40	64QAM	1	1	15.68	15.61	15.71	16.5	0.0
40	256QAM	1	1	15.70	15.68	15.64	16.5	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.60	15.69	15.55	16.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.61	15.72	15.55	16.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.58	15.73	15.53	16.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.60	15.70	15.53	16.5	0.0

PC3 FR1 n77 PartO Ant4 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.72	14.74	14.67	15.2	0.0
100	PI/2 BPSK	1	137	14.74	14.77	14.64		
100	PI/2 BPSK	1	271	14.79	14.74	14.72		
100	PI/2 BPSK	135	0	14.77	14.81	14.64	15.2	0.0
100	PI/2 BPSK	135	69	14.69	14.74	14.68	15.2	0.0
100	PI/2 BPSK	135	138	14.74	14.83	14.63	15.2	0.0
100	PI/2 BPSK	270	0	14.71	14.76	14.64		
100	QPSK	1	1	14.71	14.85	14.69	15.2	0.0
100	QPSK	1	137	14.72	14.75	14.62		
100	QPSK	1	271	14.72	14.74	14.68		
100	QPSK	135	0	14.77	14.73	14.67	15.2	0.0
100	QPSK	135	69	14.70	14.79	14.71		
100	QPSK	135	138	14.78	14.76	14.66		
100	QPSK	270	0	14.71	14.75	14.65	15.2	0.0
100	16QAM	1	1	14.79	14.84	14.62	15.2	0.0
100	64QAM	1	1	14.80	14.81	14.70	15.2	0.0
100	256QAM	1	1	14.70	14.76	14.67	15.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.58	14.72	14.62	15.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.61	14.68	14.53	15.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.64	14.73	14.59	15.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.60	14.75	14.51	15.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.66	14.63	14.60	15.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.59	14.63	14.56	15.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.68	14.70	14.54	15.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.68	14.68	14.58	15.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.62	14.65	14.62	15.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.65	14.73	14.62	15.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.68	14.68	14.62	15.2	0.0

PC2 FR1 n77 PartO Ant4 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.50	17.63	17.57	18.5	0.0
100	PI/2 BPSK	1	137	17.50	17.67	17.63		
100	PI/2 BPSK	1	271	17.49	17.69	17.61		
100	PI/2 BPSK	135	0	17.55	17.63	17.54	18.5	0.0
100	PI/2 BPSK	135	69	17.61	17.61	17.54	18.5	0.0
100	PI/2 BPSK	135	138	17.57	17.69	17.57	18.5	0.0
100	PI/2 BPSK	270	0	17.60	17.60	17.62		
100	QPSK	1	1	17.63	17.72	17.67	18.5	0.0
100	QPSK	1	137	17.51	17.65	17.59		
100	QPSK	1	271	17.59	17.66	17.65		
100	QPSK	135	0	17.55	17.62	17.63	18.5	0.0
100	QPSK	135	69	17.57	17.67	17.56		
100	QPSK	135	138	17.50	17.62	17.62		
100	QPSK	270	0	17.55	17.65	17.63	18.5	0.0
100	16QAM	1	1	17.60	17.60	17.55	18.5	0.0
100	64QAM	1	1	17.50	17.62	17.55	18.5	0.0
100	256QAM	1	1	17.55	17.58	17.56	18.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.56	17.64	17.61	18.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.55	17.66	17.64	18.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.55	17.58	17.62	18.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.52	17.67	17.61	18.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.57	17.58	17.62	18.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.59	17.58	18.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.54	17.60	17.61	18.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.50	17.69	17.57	18.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.56	17.62	17.59	18.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.61	17.69	17.63	18.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.60	17.68	17.63	18.5	0.0

PC3 FR1 n77 PartQ Ant4 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.03		15.2	0.0
100	PI/2 BPSK	1	137		15.13			
100	PI/2 BPSK	1	271		15.11			
100	PI/2 BPSK	135	0		15.08		15.2	0.0
100	PI/2 BPSK	135	69		15.09		15.2	0.0
100	PI/2 BPSK	135	138		15.02		15.2	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.15		15.2	0.0
100	QPSK	1	137		15.01			
100	QPSK	1	271		15.05			
100	QPSK	135	0		15.07		15.2	0.0
100	QPSK	135	69		15.05			
100	QPSK	135	138		15.03			
100	QPSK	270	0		15.01		15.2	0.0
100	16QAM	1	1		15.10		15.2	0.0
100	64QAM	1	1		15.06		15.2	0.0
100	256QAM	1	1		15.02		15.2	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	14.97	14.93	15.05	15.2	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	15.01	15.05	14.95	15.2	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	14.95	15.04	14.93	15.2	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	14.96	15.04	15.04	15.2	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	15.05	14.94	14.98	15.2	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	15.01	14.94	14.97	15.2	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	15.03	14.99	15.04	15.2	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	15.02	15.03	14.95	15.2	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	14.99	14.99	15.00	15.2	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	15.03	15.00	14.99	15.2	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	15.00	15.01	15.01	15.2	0.0

PC2 FR1 n77 PartQ Ant4 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.98		18.5	0.0
100	PI/2 BPSK	1	137		17.96			
100	PI/2 BPSK	1	271		18.01			
100	PI/2 BPSK	135	0		18.02		18.5	0.0
100	PI/2 BPSK	135	69		18.02		18.5	0.0
100	PI/2 BPSK	135	138		17.96		18.5	0.0
100	PI/2 BPSK	270	0		17.96			
100	QPSK	1	1		18.05		18.5	0.0
100	QPSK	1	137		18.02			
100	QPSK	1	271		18.02			
100	QPSK	135	0		18.02		18.5	0.0
100	QPSK	135	69		18.04			
100	QPSK	135	138		18.01			
100	QPSK	270	0		17.97		18.5	0.0
100	16QAM	1	1		17.99		18.5	0.0
100	64QAM	1	1		18.04		18.5	0.0
100	256QAM	1	1		18.00		18.5	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	17.89	17.98	17.96	18.5	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	17.99	17.98	17.99	18.5	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	17.99	17.96	17.94	18.5	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	17.92	17.93	17.89	18.5	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	17.93	18.00	17.95	18.5	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	17.92	17.92	17.94	18.5	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	17.98	17.94	18.00	18.5	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	17.92	17.94	17.91	18.5	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	17.92	17.90	18.00	18.5	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	17.99	17.93	17.94	18.5	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	17.94	17.97	17.94	18.5	0.0

PC3 FR1 n78 PartO Ant4 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.76		15.2	0.0
100	PI/2 BPSK	1	137		14.69			
100	PI/2 BPSK	1	271		14.77			
100	PI/2 BPSK	135	0		14.77		15.2	0.0
100	PI/2 BPSK	135	69		14.79		15.2	0.0
100	PI/2 BPSK	135	138		14.69		15.2	0.0
100	PI/2 BPSK	270	0		14.72			
100	QPSK	1	1		14.85		15.2	0.0
100	QPSK	1	137		14.75			
100	QPSK	1	271		14.80			
100	QPSK	135	0		14.70		15.2	0.0
100	QPSK	135	69		14.74			
100	QPSK	135	138		14.69			
100	QPSK	270	0		14.72		15.2	0.0
100	16QAM	1	1		14.69		15.2	0.0
100	64QAM	1	1		14.74		15.2	0.0
100	256QAM	1	1		14.71		15.2	0.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	14.62	14.55	14.65	15.2	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	14.56	14.60	14.65	15.2	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	14.59	14.57	14.58	15.2	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	14.57	14.62	14.61	15.2	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	14.60	14.60	14.63	15.2	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	14.60	14.60	14.60	15.2	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	14.61	14.66	14.57	15.2	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	14.64	14.65	14.65	15.2	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	14.61	14.67	14.66	15.2	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	14.65	14.61	14.61	15.2	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	14.60	14.58	14.55	15.2	0.0

PC2 FR1 n78 PartO Ant4 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.76		18.5	0.0
100	PI/2 BPSK	1	137		17.78			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.82		18.5	0.0
100	PI/2 BPSK	135	69		17.82		18.5	0.0
100	PI/2 BPSK	135	138		17.74		18.5	0.0
100	PI/2 BPSK	270	0		17.82			
100	QPSK	1	1		17.85		18.5	0.0
100	QPSK	1	137		17.78			
100	QPSK	1	271		17.73			
100	QPSK	135	0		17.79		18.5	0.0
100	QPSK	135	69		17.81			
100	QPSK	135	138		17.76			
100	QPSK	270	0		17.74		18.5	0.0
100	16QAM	1	1		17.77		18.5	0.0
100	64QAM	1	1		17.73		18.5	0.0
100	256QAM	1	1		17.78		18.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.63	17.63	17.65	18.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.67	17.66	17.60	18.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.63	17.60	18.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.67	17.62	17.60	18.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.60	17.66	17.60	18.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.64	17.69	17.62	18.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	17.63	17.69	17.70	18.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	17.62	17.64	17.62	18.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.64	17.69	17.67	18.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.62	17.63	17.67	18.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.61	17.64	17.62	18.5	0.0

PC3 FR1 n78 PartQ Ant4 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.86		15.2	0.0
100	PI/2 BPSK	1	137		14.97			
100	PI/2 BPSK	1	271		14.90			
100	PI/2 BPSK	135	0		14.93		15.2	0.0
100	PI/2 BPSK	135	69		14.89		15.2	0.0
100	PI/2 BPSK	135	138		14.96		15.2	0.0
100	PI/2 BPSK	270	0		14.85			
100	QPSK	1	1		14.98		15.2	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.86			
100	QPSK	135	0		14.85		15.2	0.0
100	QPSK	135	69		14.91			
100	QPSK	135	138		14.90			
100	QPSK	270	0		14.94		15.2	0.0
100	16QAM	1	1		14.96		15.2	0.0
100	64QAM	1	1		14.91		15.2	0.0
100	256QAM	1	1		14.90		15.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.82	14.76	14.77	15.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.84	14.84	14.85	15.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.78	14.83	14.85	15.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.77	14.74	14.81	15.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.78	14.84	14.83	15.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.79	14.78	14.76	15.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.78	14.80	14.84	15.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.76	14.79	14.83	15.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.82	14.82	14.74	15.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.80	14.77	14.85	15.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.79	14.74	14.76	15.2	0.0

PC2 FR1 n78 PartQ Ant4 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.89		18.5	0.0
100	PI/2 BPSK	1	137		17.90			
100	PI/2 BPSK	1	271		17.93			
100	PI/2 BPSK	135	0		17.89		18.5	0.0
100	PI/2 BPSK	135	69		17.89		18.5	0.0
100	PI/2 BPSK	135	138		18.00		18.5	0.0
100	PI/2 BPSK	270	0		17.98			
100	QPSK	1	1		18.05		18.5	0.0
100	QPSK	1	137		17.99			
100	QPSK	1	271		17.94			
100	QPSK	135	0		17.98		18.5	0.0
100	QPSK	135	69		18.01			
100	QPSK	135	138		17.97			
100	QPSK	270	0		17.92		18.5	0.0
100	16QAM	1	1		17.89		18.5	0.0
100	64QAM	1	1		17.98		18.5	0.0
100	256QAM	1	1		17.98		18.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.79	17.82	17.79	18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.83	17.80	17.77	18.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.78	17.77	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.82	17.87	17.86	18.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.81	17.82	17.79	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.86	17.79	17.81	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.81	17.83	17.79	18.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.78	17.79	17.86	18.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.77	17.81	17.80	18.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.79	17.81	17.79	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.84	17.80	17.88	18.5	0.0

FR1 n2 Ant5 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.07	18.11	18.13	18.8	0.0
40	PI/2 BPSK	1	108	18.12	18.15	18.13		
40	PI/2 BPSK	1	214	18.16	18.12	18.14		
40	PI/2 BPSK	108	0	18.11	18.19	18.08	18.8	0.0
40	PI/2 BPSK	108	54	18.14	18.22	18.13	18.8	0.0
40	PI/2 BPSK	108	108	18.15	18.14	18.15	18.8	0.0
40	PI/2 BPSK	216	0	18.11	18.16	18.14		
40	QPSK	1	1	18.14	18.25	18.18	18.8	0.0
40	QPSK	1	108	18.17	18.18	18.12		
40	QPSK	1	214	18.15	18.13	18.17		
40	QPSK	108	0	18.12	18.20	18.15	18.8	0.0
40	QPSK	108	54	18.06	18.21	18.09	18.8	0.0
40	QPSK	108	108	18.07	18.12	18.12	18.8	0.0
40	QPSK	216	0	18.05	18.18	18.08		
40	16QAM	1	1	18.17	18.18	18.19	18.8	0.0
40	64QAM	1	1	18.07	18.12	18.14	18.8	0.0
40	256QAM	1	1	18.13	18.14	18.19	18.8	0.0
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.99	18.07	18.08	18.8	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.99	18.01	18.08	18.8	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.04	18.03	18.07	18.8	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.98	18.05	18.05	18.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.07	18.03	18.12	18.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.00	18.02	18.10	18.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.01	18.04	18.11	18.8	0.0

FR1 n7 Ant5 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.45	19.57	19.61	20.1	0.0
50	PI/2 BPSK	1	135	19.41	19.65	19.64		
50	PI/2 BPSK	1	268	19.49	19.59	19.60		
50	PI/2 BPSK	135	0	19.38	19.64	19.60	20.1	0.0
50	PI/2 BPSK	135	68	19.38	19.58	19.60	20.1	0.0
50	PI/2 BPSK	135	135	19.45	19.66	19.58	20.1	0.0
50	PI/2 BPSK	270	0	19.44	19.63	19.55		
50	QPSK	1	1	19.41	19.71	19.55	20.1	0.0
50	QPSK	1	135	19.48	19.58	19.66		
50	QPSK	1	268	19.44	19.58	19.60		
50	QPSK	135	0	19.44	19.57	19.60	20.1	0.0
50	QPSK	135	68	19.45	19.68	19.63	20.1	0.0
50	QPSK	135	135	19.47	19.67	19.63	20.1	0.0
50	QPSK	270	0	19.43	19.65	19.61		
50	16QAM	1	1	19.37	19.68	19.57	20.1	0.0
50	64QAM	1	1	19.43	19.60	19.58	20.1	0.0
50	256QAM	1	1	19.37	19.57	19.64	20.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.32	19.53	19.42	20.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.30	19.56	19.48	20.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.30	19.61	19.40	20.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.34	19.53	19.51	20.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.29	19.54	19.43	20.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.34	19.57	19.49	20.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.33	19.60	19.45	20.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.29	19.53	19.46	20.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.23	16.33	16.30	16.8	0.0
40	PI/2 BPSK	1	108	16.27	16.40	16.29		
40	PI/2 BPSK	1	214	16.25	16.30	16.28		
40	PI/2 BPSK	108	0	16.20	16.35	16.26	16.8	0.0
40	PI/2 BPSK	108	54	16.23	16.35	16.33	16.8	0.0
40	PI/2 BPSK	108	108	16.25	16.34	16.35	16.8	0.0
40	PI/2 BPSK	216	0	16.24	16.29	16.37		
40	QPSK	1	1	16.22	16.41	16.31	16.8	0.0
40	QPSK	1	108	16.24	16.34	16.34		
40	QPSK	1	214	16.31	16.34	16.29		
40	QPSK	108	0	16.19	16.30	16.26	16.8	0.0
40	QPSK	108	54	16.29	16.38	16.31	16.8	0.0
40	QPSK	108	108	16.31	16.33	16.26	16.8	0.0
40	QPSK	216	0	16.30	16.36	16.35		
40	16QAM	1	1	16.30	16.28	16.35	16.8	0.0
40	64QAM	1	1	16.22	16.38	16.32	16.8	0.0
40	256QAM	1	1	16.22	16.33	16.33	16.8	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	16.17	16.17	16.18	16.8	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.12	16.28	16.23	16.8	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.17	16.17	16.17	16.8	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.17	16.19	16.17	16.8	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.11	16.26	16.20	16.8	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.13	16.25	16.20	16.8	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.12	16.24	16.27	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.85	19.08	18.99	19.9	0.0
45	PI/2 BPSK	1	120	18.87	19.13	19.01		
45	PI/2 BPSK	1	240	18.95	19.08	18.99		
45	PI/2 BPSK	120	0	18.88	19.11	18.99	19.9	0.0
45	PI/2 BPSK	120	60	18.93	19.03	18.98	19.9	0.0
45	PI/2 BPSK	120	120	18.85	19.04	19.03	19.9	0.0
45	PI/2 BPSK	240	0	18.93	19.11	18.99		
45	QPSK	1	1	18.86	19.16	18.99	19.9	0.0
45	QPSK	1	120	18.91	19.05	18.94		
45	QPSK	1	240	18.85	19.06	19.01		
45	QPSK	120	0	18.94	19.10	18.98	19.9	0.0
45	QPSK	120	60	18.93	19.11	18.99	19.9	0.0
45	QPSK	120	120	18.89	19.08	19.02	19.9	0.0
45	QPSK	240	0	18.85	19.11	18.97		
45	16QAM	1	1	18.83	19.02	18.93	19.9	0.0
45	64QAM	1	1	18.84	19.02	19.03	19.9	0.0
45	256QAM	1	1	18.87	19.12	18.96	19.9	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.81	19.00	18.88	19.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.77	19.06	18.92	19.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.72	19.09	18.84	19.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.80	19.09	18.89	19.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.78	19.02	18.84	19.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.71	19.06	18.91	19.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.74	19.07	18.90	19.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.76	19.04	18.92	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	18.35	18.52	18.45	19.5	0.0
40	PI/2 BPSK	1	53	18.34	18.46	18.49		
40	PI/2 BPSK	1	104	18.43	18.53	18.40		
40	PI/2 BPSK	50	0	18.38	18.56	18.46	19.5	0.0
40	PI/2 BPSK	50	28	18.39	18.54	18.47	19.5	0.0
40	PI/2 BPSK	50	56	18.41	18.54	18.41	19.5	0.0
40	PI/2 BPSK	100	0	18.35	18.50	18.44		
40	QPSK	1	1	18.39	18.59	18.42	19.5	0.0
40	QPSK	1	53	18.35	18.50	18.43		
40	QPSK	1	104	18.35	18.54	18.46		
40	QPSK	50	0	18.40	18.48	18.50	19.5	0.0
40	QPSK	50	28	18.37	18.51	18.47		
40	QPSK	50	56	18.38	18.47	18.40		
40	QPSK	100	0	18.40	18.55	18.41	19.5	0.0
40	16QAM	1	1	18.43	18.50	18.45	19.5	0.0
40	64QAM	1	1	18.44	18.51	18.43	19.5	0.0
40	256QAM	1	1	18.38	18.48	18.44	19.5	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	18.30	18.43	18.34	19.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	18.31	18.36	18.31	19.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.25	18.46	18.37	19.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	18.26	18.46	18.33	19.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	18.23	18.39	18.29	19.5	0.0

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FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.20	18.26	18.15	19.2	0.0
100	PI/2 BPSK	1	137	18.15	18.21	18.18		
100	PI/2 BPSK	1	271	18.13	18.25	18.24		
100	PI/2 BPSK	135	0	18.14	18.33	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.12	18.24	18.22	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.25	18.14	19.2	0.0
100	PI/2 BPSK	270	0	18.16	18.23	18.25		
100	QPSK	1	1	18.14	18.35	18.18	19.2	0.0
100	QPSK	1	137	18.11	18.28	18.15		
100	QPSK	1	271	18.16	18.29	18.14		
100	QPSK	135	0	18.17	18.29	18.21	19.2	0.0
100	QPSK	135	69	18.14	18.31	18.21		
100	QPSK	135	138	18.11	18.28	18.25		
100	QPSK	270	0	18.13	18.27	18.18	19.2	0.0
100	16QAM	1	1	18.12	18.32	18.21	19.2	0.0
100	64QAM	1	1	18.14	18.27	18.14	19.2	0.0
100	256QAM	1	1	18.12	18.30	18.22	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.03	18.17	18.13	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.04	18.23	18.10	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.01	18.19	18.06	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.01	18.15	18.11	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.07	18.21	18.12	19.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.11	18.23	18.10	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.01	18.18	18.14	19.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.11	18.29	18.08	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.08	18.14	18.12	19.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.05	18.22	18.04	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.07	18.17	18.05	19.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.04	18.17	18.09	19.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.00	18.23	18.03	19.2	0.0

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FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.16	21.30	21.20	22.2	0.0
100	PI/2 BPSK	1	137	21.12	21.16	21.15		
100	PI/2 BPSK	1	271	21.11	21.29	21.25		
100	PI/2 BPSK	135	0	21.19	21.27	21.15	22.2	0.0
100	PI/2 BPSK	135	69	21.14	21.22	21.20	22.2	0.0
100	PI/2 BPSK	135	138	21.10	21.31	21.16	22.2	0.0
100	PI/2 BPSK	270	0	21.20	21.21	21.27		
100	QPSK	1	1	21.08	21.38	21.21	22.2	0.0
100	QPSK	1	137	21.16	21.32	21.18		
100	QPSK	1	271	21.15	21.29	21.14		
100	QPSK	135	0	21.20	21.28	21.21	22.2	0.0
100	QPSK	135	69	21.14	21.34	21.26		
100	QPSK	135	138	21.14	21.28	21.26		
100	QPSK	270	0	21.12	21.26	21.22	22.2	0.0
100	16QAM	1	1	21.08	21.34	21.18	22.2	0.0
100	64QAM	1	1	21.12	21.31	21.13	22.2	0.0
100	256QAM	1	1	21.16	21.25	21.16	22.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.00	21.13	21.15	22.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.03	21.22	21.12	22.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.05	21.12	21.10	22.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.04	21.17	21.16	22.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.03	21.14	21.14	22.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.95	21.25	21.17	22.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.07	21.15	21.12	22.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.01	21.30	21.17	22.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.05	21.15	21.15	22.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.07	21.16	21.12	22.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.00	21.12	21.12	22.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.08	21.20	21.08	22.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.06	21.22	21.16	22.2	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.76	15.90	15.78	17.0	0.0
40	PI/2 BPSK	1	53	15.72	15.82	15.78		
40	PI/2 BPSK	1	104	15.74	15.84	15.82		
40	PI/2 BPSK	50	0	15.83	15.89	15.80	17.0	0.0
40	PI/2 BPSK	50	28	15.76	15.88	15.77	17.0	0.0
40	PI/2 BPSK	50	56	15.81	15.87	15.74	17.0	0.0
40	PI/2 BPSK	100	0	15.83	15.87	15.82		
40	QPSK	1	1	15.83	15.95	15.79	17.0	0.0
40	QPSK	1	53	15.80	15.88	15.75		
40	QPSK	1	104	15.76	15.89	15.78		
40	QPSK	50	0	15.77	15.88	15.80	17.0	0.0
40	QPSK	50	28	15.79	15.91	15.77		
40	QPSK	50	56	15.81	15.90	15.79		
40	QPSK	100	0	15.79	15.90	15.80	17.0	0.0
40	16QAM	1	1	15.76	15.87	15.83	17.0	0.0
40	64QAM	1	1	15.79	15.87	15.77	17.0	0.0
40	256QAM	1	1	15.79	15.82	15.74	17.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.72	15.73	15.70	17.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.68	15.75	15.73	17.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.70	15.75	15.68	17.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.72	15.70	15.70	17.0	0.0

PC3 FR1 n77 PartO Ant5 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.98	16.03	15.92	17.0	0.0
100	PI/2 BPSK	1	137	16.00	16.02	15.94		
100	PI/2 BPSK	1	271	15.91	16.09	15.95		
100	PI/2 BPSK	135	0	15.90	16.01	15.99	17.0	0.0
100	PI/2 BPSK	135	69	15.95	16.00	15.97	17.0	0.0
100	PI/2 BPSK	135	138	15.88	16.06	15.96	17.0	0.0
100	PI/2 BPSK	270	0	15.92	16.09	15.93		
100	QPSK	1	1	15.94	16.12	15.92	17.0	0.0
100	QPSK	1	137	15.98	15.99	15.90		
100	QPSK	1	271	15.96	16.01	15.98		
100	QPSK	135	0	15.90	16.02	15.93	17.0	0.0
100	QPSK	135	69	15.96	16.09	15.93		
100	QPSK	135	138	15.93	16.08	15.89		
100	QPSK	270	0	15.90	16.03	15.96	17.0	0.0
100	16QAM	1	1	15.96	16.06	15.97	17.0	0.0
100	64QAM	1	1	15.90	16.11	15.91	17.0	0.0
100	256QAM	1	1	15.90	16.05	15.88	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.82	15.94	15.85	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.85	15.92	15.78	17.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.84	15.92	15.81	17.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.90	15.92	15.82	17.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.83	15.92	15.80	17.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.79	15.92	15.88	17.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.89	15.94	15.88	17.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.82	15.98	15.87	17.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.78	15.96	15.81	17.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.86	15.96	15.87	17.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.82	16.00	15.83	17.0	0.0

PC2 FR1 n77 PartO Ant5 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.95	18.98	18.95	20.5	0.0
100	PI/2 BPSK	1	137	18.95	18.98	18.94		
100	PI/2 BPSK	1	271	18.87	19.09	18.95		
100	PI/2 BPSK	135	0	18.91	18.99	19.00	20.5	0.0
100	PI/2 BPSK	135	69	18.97	18.97	18.92	20.5	0.0
100	PI/2 BPSK	135	138	18.88	19.09	19.00	20.5	0.0
100	PI/2 BPSK	270	0	18.88	19.11	18.90		
100	QPSK	1	1	18.94	19.15	18.92	20.5	0.0
100	QPSK	1	137	18.96	18.99	18.86		
100	QPSK	1	271	19.00	18.97	18.93		
100	QPSK	135	0	18.86	19.06	18.87	20.5	0.0
100	QPSK	135	69	18.95	19.10	18.95		
100	QPSK	135	138	18.99	19.02	18.91		
100	QPSK	270	0	18.86	19.03	18.96	20.5	0.0
100	16QAM	1	1	18.91	19.07	18.98	20.5	0.0
100	64QAM	1	1	18.95	19.15	18.85	20.5	0.0
100	256QAM	1	1	18.89	19.08	18.92	20.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.84	19.09	18.84	20.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.82	19.10	18.84	20.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.80	19.02	18.78	20.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.91	19.08	18.88	20.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.89	19.07	18.85	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.81	19.11	18.84	20.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.83	19.01	18.79	20.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.87	19.09	18.78	20.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.80	19.05	18.86	20.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.80	19.10	18.84	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.88	19.06	18.89	20.5	0.0

PC3 FR1 n77 PartQ Ant5 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.48		17.0	0.0
100	PI/2 BPSK	1	137		16.45			
100	PI/2 BPSK	1	271		16.53			
100	PI/2 BPSK	135	0		16.45		17.0	0.0
100	PI/2 BPSK	135	69		16.54		17.0	0.0
100	PI/2 BPSK	135	138		16.44		17.0	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.56		17.0	0.0
100	QPSK	1	137		16.43			
100	QPSK	1	271		16.52			
100	QPSK	135	0		16.49		17.0	0.0
100	QPSK	135	69		16.53			
100	QPSK	135	138		16.52			
100	QPSK	270	0		16.47		17.0	0.0
100	16QAM	1	1		16.50		17.0	0.0
100	64QAM	1	1		16.45		17.0	0.0
100	256QAM	1	1		16.53		17.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.43	16.47	16.40	17.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.44	16.45	16.43	17.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.49	16.50	16.47	17.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.39	16.41	16.45	17.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.47	16.39	16.47	17.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.42	16.47	16.48	17.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.47	16.38	16.48	17.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.40	16.39	16.43	17.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.49	16.44	16.50	17.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.47	16.48	16.45	17.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.46	16.42	16.40	17.0	0.0

PC2 FR1 n77 PartQ Ant5 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.44		20.5	0.0
100	PI/2 BPSK	1	137		19.48			
100	PI/2 BPSK	1	271		19.54			
100	PI/2 BPSK	135	0		19.39		20.5	0.0
100	PI/2 BPSK	135	69		19.59		20.5	0.0
100	PI/2 BPSK	135	138		19.43		20.5	0.0
100	PI/2 BPSK	270	0		19.42			
100	QPSK	1	1		19.61		20.5	0.0
100	QPSK	1	137		19.38			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.47		20.5	0.0
100	QPSK	135	69		19.56			
100	QPSK	135	138		19.53			
100	QPSK	270	0		19.51		20.5	0.0
100	16QAM	1	1		19.45		20.5	0.0
100	64QAM	1	1		19.46		20.5	0.0
100	256QAM	1	1		19.53		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.46	19.47	19.51	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.50	19.45	19.46	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.53	19.54	19.55	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.42	19.40	19.48	20.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.43	19.42	19.46	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.45	19.50	19.40	20.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.40	19.42	19.50	20.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.42	19.43	19.49	20.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.48	19.45	19.42	20.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.43	19.44	19.39	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.39	19.40	19.44	20.5	0.0

PC3 FR1 n78 PartO Ant5 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.60		17.5	0.0
100	PI/2 BPSK	1	137		16.64			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.64		17.5	0.0
100	PI/2 BPSK	135	69		16.54		17.5	0.0
100	PI/2 BPSK	135	138		16.56		17.5	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.71		17.5	0.0
100	QPSK	1	137		16.54			
100	QPSK	1	271		16.65			
100	QPSK	135	0		16.56		17.5	0.0
100	QPSK	135	69		16.65			
100	QPSK	135	138		16.63			
100	QPSK	270	0		16.60		17.5	0.0
100	16QAM	1	1		16.62		17.5	0.0
100	64QAM	1	1		16.62		17.5	0.0
100	256QAM	1	1		16.54		17.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.47	16.55	16.48	17.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.46	16.49	16.48	17.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.54	16.48	16.54	17.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.52	16.46	16.47	17.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.49	16.52	16.47	17.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.52	16.53	16.56	17.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.49	16.49	16.54	17.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.56	16.47	16.53	17.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.48	16.45	16.52	17.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.55	16.45	16.54	17.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.55	16.48	16.54	17.5	0.0

PC2 FR1 n78 PartO Ant5 DSI 5
FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.65		21.0	0.0
100	PI/2 BPSK	1	137		19.59			
100	PI/2 BPSK	1	271		19.59			
100	PI/2 BPSK	135	0		19.63		21.0	0.0
100	PI/2 BPSK	135	69		19.58		21.0	0.0
100	PI/2 BPSK	135	138		19.58		21.0	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.69		21.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.67			
100	QPSK	135	0		19.59		21.0	0.0
100	QPSK	135	69		19.66			
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.63		21.0	0.0
100	16QAM	1	1		19.64		21.0	0.0
100	64QAM	1	1		19.67		21.0	0.0
100	256QAM	1	1		19.49		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.64	19.57	19.54	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.55	19.61	19.55	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.54	19.60	19.54	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.56	19.61	19.56	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.55	19.55	19.58	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.64	19.56	19.58	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.55	19.55	19.62	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.60	19.58	19.56	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.63	19.52	19.61	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.60	19.58	19.55	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.55	19.54	19.53	21.0	0.0

PC3 FR1 n78 PartQ Ant5 DSI 5
FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.71		17.5	0.0
100	PI/2 BPSK	1	137		16.64			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.63		17.5	0.0
100	PI/2 BPSK	135	69		16.69		17.5	0.0
100	PI/2 BPSK	135	138		16.71		17.5	0.0
100	PI/2 BPSK	270	0		16.68			
100	QPSK	1	1		16.73		17.5	0.0
100	QPSK	1	137		16.69			
100	QPSK	1	271		16.60			
100	QPSK	135	0		16.64		17.5	0.0
100	QPSK	135	69		16.66			
100	QPSK	135	138		16.65			
100	QPSK	270	0		16.66		17.5	0.0
100	16QAM	1	1		16.61		17.5	0.0
100	64QAM	1	1		16.60		17.5	0.0
100	256QAM	1	1		16.65		17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.47	16.56	16.53	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.46	16.52	16.47	17.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.53	16.45	16.45	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.53	16.55	16.49	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.51	16.48	16.47	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.47	16.56	16.53	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.46	16.53	16.56	17.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.49	16.49	16.48	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.49	16.47	16.52	17.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.52	16.44	16.53	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.55	16.50	16.51	17.5	0.0

PC2 FR1 n78 PartQ Ant5 DSI 5
FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.76		21.0	0.0
100	PI/2 BPSK	1	137		19.58			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.61		21.0	0.0
100	PI/2 BPSK	135	69		19.72		21.0	0.0
100	PI/2 BPSK	135	138		19.67		21.0	0.0
100	PI/2 BPSK	270	0		19.69			
100	QPSK	1	1		19.77		21.0	0.0
100	QPSK	1	137		19.68			
100	QPSK	1	271		19.56			
100	QPSK	135	0		19.61		21.0	0.0
100	QPSK	135	69		19.68			
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.71		21.0	0.0
100	16QAM	1	1		19.63		21.0	0.0
100	64QAM	1	1		19.58		21.0	0.0
100	256QAM	1	1		19.68		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.63	19.67	19.65	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.68	19.69	19.61	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.62	19.68	19.70	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.68	19.67	19.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.63	19.66	19.62	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.69	19.70	19.65	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.66	19.72	19.71	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.62	19.64	19.61	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.64	19.73	19.65	21.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.69	19.62	19.64	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.70	19.72	19.68	21.0	0.0

FR1 n7 Ant6 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.30	15.41	15.41	16.1	0.0
50	PI/2 BPSK	1	135	15.29	15.40	15.45		
50	PI/2 BPSK	1	268	15.39	15.43	15.42		
50	PI/2 BPSK	135	0	15.36	15.47	15.44	16.1	0.0
50	PI/2 BPSK	135	68	15.27	15.37	15.36	16.1	0.0
50	PI/2 BPSK	135	135	15.31	15.42	15.37	16.1	0.0
50	PI/2 BPSK	270	0	15.29	15.37	15.38		
50	QPSK	1	1	15.34	15.49	15.40	16.1	0.0
50	QPSK	1	135	15.31	15.46	15.40		
50	QPSK	1	268	15.28	15.40	15.38		
50	QPSK	135	0	15.29	15.37	15.45	16.1	0.0
50	QPSK	135	68	15.34	15.47	15.41	16.1	0.0
50	QPSK	135	135	15.28	15.46	15.40	16.1	0.0
50	QPSK	270	0	15.37	15.44	15.38		
50	16QAM	1	1	15.33	15.40	15.41	16.1	0.0
50	64QAM	1	1	15.32	15.43	15.45	16.1	0.0
50	256QAM	1	1	15.36	15.45	15.37	16.1	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.20	15.29	15.34	16.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.29	15.30	15.30	16.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.18	15.31	15.31	16.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.27	15.34	15.32	16.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.21	15.29	15.29	16.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.28	15.30	15.35	16.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.23	15.36	15.34	16.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.27	15.29	15.32	16.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	17.03	17.12	16.96	17.9	0.0
45	PI/2 BPSK	1	120	17.10	17.13	16.95		
45	PI/2 BPSK	1	240	17.01	17.05	17.05		
45	PI/2 BPSK	120	0	17.09	17.13	17.03	17.9	0.0
45	PI/2 BPSK	120	60	17.07	17.03	16.96	17.9	0.0
45	PI/2 BPSK	120	120	17.06	17.07	17.04	17.9	0.0
45	PI/2 BPSK	240	0	17.10	17.06	17.04		
45	QPSK	1	1	17.06	17.15	17.00	17.9	0.0
45	QPSK	1	120	17.06	17.05	17.04		
45	QPSK	1	240	17.08	17.08	17.02		
45	QPSK	120	0	16.99	17.07	17.00	17.9	0.0
45	QPSK	120	60	17.01	17.12	16.96	17.9	0.0
45	QPSK	120	120	17.09	17.03	16.97	17.9	0.0
45	QPSK	240	0	17.10	17.11	16.95		
45	16QAM	1	1	17.00	17.13	17.01	17.9	0.0
45	64QAM	1	1	17.11	17.04	17.00	17.9	0.0
45	256QAM	1	1	17.05	17.07	16.99	17.9	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.93	16.98	16.96	17.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.98	17.02	16.88	17.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.95	16.98	16.94	17.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.00	16.94	16.95	17.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.02	16.99	16.91	17.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.92	16.94	16.94	17.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.96	17.01	16.96	17.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.94	16.95	16.94	17.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	14.41	14.49	14.54	15.8	0.0
40	PI/2 BPSK	1	53	14.39	14.51	14.44		
40	PI/2 BPSK	1	104	14.39	14.57	14.54		
40	PI/2 BPSK	50	0	14.48	14.51	14.51	15.8	0.0
40	PI/2 BPSK	50	28	14.37	14.55	14.49	15.8	0.0
40	PI/2 BPSK	50	56	14.40	14.53	14.50	15.8	0.0
40	PI/2 BPSK	100	0	14.48	14.47	14.55		
40	QPSK	1	1	14.44	14.58	14.43	15.8	0.0
40	QPSK	1	53	14.46	14.54	14.44		
40	QPSK	1	104	14.45	14.53	14.46		
40	QPSK	50	0	14.41	14.57	14.50	15.8	0.0
40	QPSK	50	28	14.43	14.53	14.53		
40	QPSK	50	56	14.39	14.49	14.44		
40	QPSK	100	0	14.44	14.52	14.51	15.8	0.0
40	16QAM	1	1	14.40	14.47	14.55	15.8	0.0
40	64QAM	1	1	14.41	14.57	14.48	15.8	0.0
40	256QAM	1	1	14.43	14.55	14.55	15.8	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	14.32	14.47	14.33	15.8	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	14.32	14.50	14.38	15.8	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.29	14.51	14.37	15.8	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	14.29	14.52	14.35	15.8	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	14.30	14.47	14.33	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.62	14.78	14.62	15.7	0.0
100	PI/2 BPSK	1	137	14.59	14.81	14.66		
100	PI/2 BPSK	1	271	14.62	14.75	14.71		
100	PI/2 BPSK	135	0	14.69	14.76	14.73	15.7	0.0
100	PI/2 BPSK	135	69	14.65	14.77	14.68	15.7	0.0
100	PI/2 BPSK	135	138	14.59	14.82	14.73	15.7	0.0
100	PI/2 BPSK	270	0	14.69	14.84	14.69		
100	QPSK	1	1	14.58	14.86	14.67	15.7	0.0
100	QPSK	1	137	14.59	14.75	14.73		
100	QPSK	1	271	14.68	14.72	14.69		
100	QPSK	135	0	14.62	14.74	14.69	15.7	0.0
100	QPSK	135	69	14.63	14.82	14.70		
100	QPSK	135	138	14.63	14.81	14.64		
100	QPSK	270	0	14.62	14.81	14.66	15.7	0.0
100	16QAM	1	1	14.64	14.81	14.68	15.7	0.0
100	64QAM	1	1	14.57	14.81	14.73	15.7	0.0
100	256QAM	1	1	14.67	14.83	14.66	15.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.42	14.59	14.57	15.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.53	14.66	14.54	15.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.52	14.60	14.56	15.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.52	14.59	14.52	15.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.54	14.65	14.51	15.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	14.49	14.77	14.61	15.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.49	14.62	14.56	15.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	14.50	14.79	14.62	15.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.43	14.57	14.62	15.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	14.44	14.67	14.53	15.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.53	14.65	14.61	15.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.51	14.58	14.54	15.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.45	14.57	14.52	15.7	0.0

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FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.56	14.49	14.45	15.2	0.0
40	PI/2 BPSK	1	53	14.45	14.60	14.49		
40	PI/2 BPSK	1	104	14.47	14.58	14.50		
40	PI/2 BPSK	50	0	14.57	14.50	14.50	15.2	0.0
40	PI/2 BPSK	50	28	14.48	14.48	14.48	15.2	0.0
40	PI/2 BPSK	50	56	14.56	14.55	14.47	15.2	0.0
40	PI/2 BPSK	100	0	14.48	14.48	14.50		
40	QPSK	1	1	14.56	14.63	14.43	15.2	0.0
40	QPSK	1	53	14.52	14.52	14.47		
40	QPSK	1	104	14.55	14.60	14.53		
40	QPSK	50	0	14.54	14.55	14.51	15.2	0.0
40	QPSK	50	28	14.51	14.56	14.52		
40	QPSK	50	56	14.48	14.55	14.54		
40	QPSK	100	0	14.47	14.54	14.46	15.2	0.0
40	16QAM	1	1	14.56	14.49	14.48	15.2	0.0
40	64QAM	1	1	14.55	14.59	14.48	15.2	0.0
40	256QAM	1	1	14.56	14.52	14.52	15.2	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.48	14.45	14.33	15.2	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.49	14.48	14.35	15.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.50	14.43	14.32	15.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.49	14.37	14.37	15.2	0.0

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FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.06	16.12	16.00	16.8	0.0
100	PI/2 BPSK	1	137	16.05	16.09	16.03		
100	PI/2 BPSK	1	271	16.02	16.12	16.07		
100	PI/2 BPSK	135	0	15.98	16.13	16.00	16.8	0.0
100	PI/2 BPSK	135	69	16.08	16.07	16.03	16.8	0.0
100	PI/2 BPSK	135	138	15.98	16.10	15.99	16.8	0.0
100	PI/2 BPSK	270	0	16.03	16.09	16.11		
100	QPSK	1	1	16.06	16.15	16.05	16.8	0.0
100	QPSK	1	137	15.97	16.06	16.05		
100	QPSK	1	271	16.06	16.05	15.99		
100	QPSK	135	0	15.97	16.12	16.09	16.8	0.0
100	QPSK	135	69	16.04	16.13	16.03		
100	QPSK	135	138	16.08	16.04	16.07		
100	QPSK	270	0	16.07	16.14	16.07	16.8	0.0
100	16QAM	1	1	16.06	16.14	16.06	16.8	0.0
100	64QAM	1	1	16.02	16.06	16.05	16.8	0.0
100	256QAM	1	1	16.02	16.08	16.05	16.8	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.91	16.04	15.89	16.8	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.95	16.00	15.99	16.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.96	16.03	15.97	16.8	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.02	16.02	15.93	16.8	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.01	16.07	16.00	16.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.99	15.99	15.91	16.8	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.90	16.05	15.99	16.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.96	15.98	15.98	16.8	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.95	16.02	15.96	16.8	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.97	16.06	15.91	16.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.02	16.00	15.92	16.8	0.0

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FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.05	19.13	19.00	20.3	0.0
100	PI/2 BPSK	1	137	19.04	19.14	19.07		
100	PI/2 BPSK	1	271	19.00	19.17	19.04		
100	PI/2 BPSK	135	0	18.96	19.11	18.97	20.3	0.0
100	PI/2 BPSK	135	69	19.13	19.06	18.99	20.3	0.0
100	PI/2 BPSK	135	138	18.97	19.06	19.01	20.3	0.0
100	PI/2 BPSK	270	0	19.04	19.14	19.14		
100	QPSK	1	1	19.10	19.18	18.99	20.3	0.0
100	QPSK	1	137	18.95	19.09	19.09		
100	QPSK	1	271	19.01	19.09	19.05		
100	QPSK	135	0	19.02	19.13	19.04	20.3	0.0
100	QPSK	135	69	19.04	19.14	19.02		
100	QPSK	135	138	19.10	19.10	19.13		
100	QPSK	270	0	19.02	19.09	19.04	20.3	0.0
100	16QAM	1	1	19.02	19.08	19.04	20.3	0.0
100	64QAM	1	1	19.07	19.02	19.05	20.3	0.0
100	256QAM	1	1	19.08	19.10	19.02	20.3	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.96	19.06	18.88	20.3	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.03	19.04	18.88	20.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.03	18.84	20.3	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.00	19.01	18.91	20.3	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.03	18.96	18.87	20.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.95	19.00	18.85	20.3	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	19.05	19.03	18.91	20.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	19.05	19.02	18.86	20.3	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.01	19.01	18.89	20.3	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.06	19.02	18.91	20.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.00	18.95	18.88	20.3	0.0

PC3 FR1 n77 PartQ Ant8 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.53		16.8	0.0
100	PI/2 BPSK	1	137		15.45			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.50		16.8	0.0
100	PI/2 BPSK	135	69		15.51		16.8	0.0
100	PI/2 BPSK	135	138		15.45		16.8	0.0
100	PI/2 BPSK	270	0		15.51			
100	QPSK	1	1		15.55		16.8	0.0
100	QPSK	1	137		15.42			
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.47		16.8	0.0
100	QPSK	135	69		15.53			
100	QPSK	135	138		15.52			
100	QPSK	270	0		15.50		16.8	0.0
100	16QAM	1	1		15.41		16.8	0.0
100	64QAM	1	1		15.41		16.8	0.0
100	256QAM	1	1		15.49		16.8	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	15.49	15.38	15.48	16.8	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	15.48	15.44	15.42	16.8	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	15.47	15.44	15.44	16.8	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	15.45	15.40	15.40	16.8	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	15.48	15.45	15.48	16.8	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	15.47	15.44	15.41	16.8	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	15.49	15.46	15.41	16.8	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	15.43	15.48	15.41	16.8	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	15.38	15.41	15.40	16.8	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	15.47	15.48	15.49	16.8	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	15.39	15.39	15.42	16.8	0.0

PC2 FR1 n77 PartQ Ant8 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.54		20.3	0.0
100	PI/2 BPSK	1	137		18.44			
100	PI/2 BPSK	1	271		18.56			
100	PI/2 BPSK	135	0		18.47		20.3	0.0
100	PI/2 BPSK	135	69		18.56		20.3	0.0
100	PI/2 BPSK	135	138		18.39		20.3	0.0
100	PI/2 BPSK	270	0		18.57			
100	QPSK	1	1		18.59		20.3	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.43		20.3	0.0
100	QPSK	135	69		18.56			
100	QPSK	135	138		18.49			
100	QPSK	270	0		18.52		20.3	0.0
100	16QAM	1	1		18.36		20.3	0.0
100	64QAM	1	1		18.47		20.3	0.0
100	256QAM	1	1		18.53		20.3	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	18.40	18.49	18.50	20.3	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	18.43	18.45	18.41	20.3	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	18.44	18.42	18.48	20.3	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	18.43	18.50	18.49	20.3	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	18.47	18.40	18.44	20.3	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	18.49	18.45	18.43	20.3	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	18.45	18.50	18.43	20.3	0.0
Channel				630834	633332	635832	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	18.39	18.50	18.42	20.3	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	18.44	18.43	18.48	20.3	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	18.42	18.42	18.43	20.3	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	18.49	18.39	18.50	20.3	0.0

PC3 FR1 n78 PartO Ant8 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.10		16.7	0.0
100	PI/2 BPSK	1	137		16.16			
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.16		16.7	0.0
100	PI/2 BPSK	135	69		16.07		16.7	0.0
100	PI/2 BPSK	135	138		16.17		16.7	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.21		16.7	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.09			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.18			
100	QPSK	135	138		16.17			
100	QPSK	270	0		16.12		16.7	0.0
100	16QAM	1	1		16.12		16.7	0.0
100	64QAM	1	1		16.08		16.7	0.0
100	256QAM	1	1		16.08		16.7	0.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	16.08	16.07	16.04	16.7	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	16.06	16.08	16.07	16.7	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	16.04	16.00	15.99	16.7	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	16.05	16.01	15.98	16.7	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	16.01	16.10	16.03	16.7	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	16.01	16.04	16.08	16.7	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	16.07	15.99	16.05	16.7	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	16.03	16.07	16.02	16.7	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	16.09	16.02	16.07	16.7	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	16.06	16.08	16.06	16.7	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	16.01	16.03	16.09	16.7	0.0

PC2 FR1 n78 PartO Ant8 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.12		20.2	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.09			
100	PI/2 BPSK	135	0		19.20		20.2	0.0
100	PI/2 BPSK	135	69		19.02		20.2	0.0
100	PI/2 BPSK	135	138		19.21		20.2	0.0
100	PI/2 BPSK	270	0		19.10			
100	QPSK	1	1		19.25		20.2	0.0
100	QPSK	1	137		19.13			
100	QPSK	1	271		19.11			
100	QPSK	135	0		19.13		20.2	0.0
100	QPSK	135	69		19.15			
100	QPSK	135	138		19.13			
100	QPSK	270	0		19.16		20.2	0.0
100	16QAM	1	1		19.09		20.2	0.0
100	64QAM	1	1		19.08		20.2	0.0
100	256QAM	1	1		19.10		20.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.11	19.16	19.16	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.14	19.09	19.12	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.11	19.11	19.06	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.11	19.12	19.06	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.06	19.13	19.06	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.17	19.15	19.06	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.09	19.06	19.12	20.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.15	19.14	19.16	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.10	19.10	19.06	20.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.13	19.10	19.17	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.11	19.11	20.2	0.0

PC3 FR1 n78 PartQ Ant8 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.45		16.7	0.0
100	PI/2 BPSK	1	137		15.49			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.51		16.7	0.0
100	PI/2 BPSK	135	69		15.49		16.7	0.0
100	PI/2 BPSK	135	138		15.55		16.7	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.59		16.7	0.0
100	QPSK	1	137		15.53			
100	QPSK	1	271		15.56			
100	QPSK	135	0		15.50		16.7	0.0
100	QPSK	135	69		15.54			
100	QPSK	135	138		15.47			
100	QPSK	270	0		15.52		16.7	0.0
100	16QAM	1	1		15.51		16.7	0.0
100	64QAM	1	1		15.45		16.7	0.0
100	256QAM	1	1		15.49		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.33	15.32	15.33	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.31	15.42	15.30	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.39	15.34	15.36	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.40	15.33	15.35	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.33	15.33	15.31	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.33	15.37	15.40	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.41	15.37	15.37	16.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.35	15.33	15.37	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.35	15.36	15.36	16.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.40	15.34	15.35	16.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.36	15.33	15.31	16.7	0.0

PC2 FR1 n78 PartQ Ant8 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.49		20.2	0.0
100	PI/2 BPSK	1	137		18.45			
100	PI/2 BPSK	1	271		18.47			
100	PI/2 BPSK	135	0		18.56		20.2	0.0
100	PI/2 BPSK	135	69		18.45		20.2	0.0
100	PI/2 BPSK	135	138		18.56		20.2	0.0
100	PI/2 BPSK	270	0		18.53			
100	QPSK	1	1		18.61		20.2	0.0
100	QPSK	1	137		18.48			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.45		20.2	0.0
100	QPSK	135	69		18.50			
100	QPSK	135	138		18.47			
100	QPSK	270	0		18.55		20.2	0.0
100	16QAM	1	1		18.55		20.2	0.0
100	64QAM	1	1		18.52		20.2	0.0
100	256QAM	1	1		18.47		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.39	18.41	18.42	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.43	18.38	18.36	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.37	18.46	18.46	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.42	18.37	18.47	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.43	18.43	18.46	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.44	18.36	18.35	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.41	18.39	18.36	20.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.46	18.43	18.36	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.39	18.37	18.38	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.36	18.43	18.46	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.42	18.47	18.42	20.2	0.0

FR1 n48 Ant9 DSI 5

FCC Part96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.99	16.27	16.22	17.2	0.0
40	PI/2 BPSK	1	53	16.06	16.30	16.20		
40	PI/2 BPSK	1	104	16.05	16.32	16.23		
40	PI/2 BPSK	50	0	16.07	16.35	16.25	17.2	0.0
40	PI/2 BPSK	50	28	16.01	16.37	16.24	17.2	0.0
40	PI/2 BPSK	50	56	16.07	16.33	16.19	17.2	0.0
40	PI/2 BPSK	100	0	15.99	16.32	16.21		
40	QPSK	1	1	16.01	16.45	16.26	17.2	0.0
40	QPSK	1	53	16.07	16.35	16.25		
40	QPSK	1	104	15.99	16.31	16.26		
40	QPSK	50	0	16.05	16.30	16.28	17.2	0.0
40	QPSK	50	28	15.97	16.35	16.22		
40	QPSK	50	56	15.96	16.34	16.22		
40	QPSK	100	0	16.05	16.34	16.27	17.2	0.0
40	16QAM	1	1	15.99	16.30	16.28	17.2	0.0
40	64QAM	1	1	16.07	16.26	16.23	17.2	0.0
40	256QAM	1	1	15.97	16.35	16.24	17.2	0.0
Channel				637668	641666	645666	Tune-	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	up limit	(dB)
30	QPSK	1	1	15.89	16.20	16.16	17.2	0.0
Channel				637334	641666	646000	Tune-	MPR
Frequency (MHz)				3560.01	3624.99	3690	up limit	(dB)
20	QPSK	1	1	15.87	16.28	16.16	17.2	0.0
Channel				637168	641666	646166	Tune-	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	up limit	(dB)
15	QPSK	1	1	15.90	16.21	16.17	17.2	0.0
Channel				637000	641666	646332	Tune-	MPR
Frequency (MHz)				3555	3624.99	3694.98	up limit	(dB)
10	QPSK	1	1	15.85	16.26	16.16	17.2	0.0

PC3 FR1 n77 PartO Ant9 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.22	16.34	16.25	17.4	0.0
100	PI/2 BPSK	1	137	16.23	16.40	16.24		
100	PI/2 BPSK	1	271	16.25	16.40	16.28		
100	PI/2 BPSK	135	0	16.23	16.28	16.20	17.4	0.0
100	PI/2 BPSK	135	69	16.19	16.36	16.22	17.4	0.0
100	PI/2 BPSK	135	138	16.25	16.34	16.28	17.4	0.0
100	PI/2 BPSK	270	0	16.27	16.29	16.28		
100	QPSK	1	1	16.25	16.45	16.19	17.4	0.0
100	QPSK	1	137	16.20	16.29	16.20		
100	QPSK	1	271	16.22	16.34	16.28		
100	QPSK	135	0	16.24	16.34	16.29	17.4	0.0
100	QPSK	135	69	16.21	16.36	16.21		
100	QPSK	135	138	16.24	16.30	16.19		
100	QPSK	270	0	16.29	16.37	16.28	17.4	0.0
100	16QAM	1	1	16.28	16.30	16.27	17.4	0.0
100	64QAM	1	1	16.26	16.37	16.29	17.4	0.0
100	256QAM	1	1	16.27	16.38	16.27	17.4	0.0
Channel				649668	656000	662332	Tune-	MPR
Frequency (MHz)				3745.02	3840	3934.98	up limit	(dB)
90	QPSK	1	1	16.21	16.27	16.04	17.4	0.0
Channel				649334	656000	662666	Tune-	MPR
Frequency (MHz)				3740.01	3840	3939.99	up limit	(dB)
80	QPSK	1	1	16.19	16.23	16.14	17.4	0.0
Channel				649000	656000	663000	Tune-	MPR
Frequency (MHz)				3735	3840	3945	up limit	(dB)
70	QPSK	1	1	16.11	16.27	16.14	17.4	0.0
Channel				648668	656000	663332	Tune-	MPR
Frequency (MHz)				3730.02	3840	3949.98	up limit	(dB)
60	QPSK	1	1	16.14	16.34	16.13	17.4	0.0
Channel				648334	656000	663666	Tune-	MPR
Frequency (MHz)				3725.01	3840	3954.99	up limit	(dB)
50	QPSK	1	1	16.17	16.30	16.14	17.4	0.0
Channel				648000	656000	664000	Tune-	MPR
Frequency (MHz)				3720	3840	3960	up limit	(dB)
40	QPSK	1	1	16.14	16.31	16.04	17.4	0.0
Channel				647668	656000	664332	Tune-	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	up limit	(dB)
30	QPSK	1	1	16.19	16.31	16.15	17.4	0.0
Channel				647500	656000	664500	Tune-	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	up limit	(dB)
25	QPSK	1	1	16.09	16.28	16.12	17.4	0.0
Channel				647334	656000	664666	Tune-	MPR
Frequency (MHz)				3710.01	3840	3969.99	up limit	(dB)
20	QPSK	1	1	16.21	16.31	16.13	17.4	0.0
Channel				647168	656000	664832	Tune-	MPR
Frequency (MHz)				3707.52	3840	3972.48	up limit	(dB)
15	QPSK	1	1	16.13	16.29	16.08	17.4	0.0
Channel				647000	656000	665000	Tune-	MPR
Frequency (MHz)				3705	3840	3975	up limit	(dB)
10	QPSK	1	1	16.18	16.24	16.08	17.4	0.0

PC2 FR1 n77 PartO Ant9 DSI 5

FCC Part 27O (3700-3980MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.24	19.37	19.21	20.9	0.0
100	PI/2 BPSK	1	137	19.21	19.46	19.27		
100	PI/2 BPSK	1	271	19.20	19.37	19.29		
100	PI/2 BPSK	135	0	19.23	19.28	19.18	20.9	0.0
100	PI/2 BPSK	135	69	19.14	19.39	19.24	20.9	0.0
100	PI/2 BPSK	135	138	19.30	19.35	19.27	20.9	0.0
100	PI/2 BPSK	270	0	19.29	19.27	19.28		
100	QPSK	1	1	19.30	19.48	19.16	20.9	0.0
100	QPSK	1	137	19.20	19.34	19.24		
100	QPSK	1	271	19.22	19.35	19.31		
100	QPSK	135	0	19.29	19.33	19.25	20.9	0.0
100	QPSK	135	69	19.21	19.39	19.22		
100	QPSK	135	138	19.28	19.36	19.20		
100	QPSK	270	0	19.30	19.39	19.23	20.9	0.0
100	16QAM	1	1	19.34	19.25	19.31	20.9	0.0
100	64QAM	1	1	19.30	19.43	19.29	20.9	0.0
100	256QAM	1	1	19.24	19.36	19.26	20.9	0.0
Channel				649668	656000	662332	Tune-	MPR
Frequency (MHz)				3745.02	3840	3934.98	up limit	(dB)
90	QPSK	1	1	19.19	19.34	19.09	20.9	0.0
Channel				649334	656000	662666	Tune-	MPR
Frequency (MHz)				3740.01	3840	3939.99	up limit	(dB)
80	QPSK	1	1	19.20	19.43	19.12	20.9	0.0
Channel				649000	656000	663000	Tune-	MPR
Frequency (MHz)				3735	3840	3945	up limit	(dB)
70	QPSK	1	1	19.19	19.42	19.11	20.9	0.0
Channel				648668	656000	663332	Tune-	MPR
Frequency (MHz)				3730.02	3840	3949.98	up limit	(dB)
60	QPSK	1	1	19.20	19.40	19.02	20.9	0.0
Channel				648334	656000	663666	Tune-	MPR
Frequency (MHz)				3725.01	3840	3954.99	up limit	(dB)
50	QPSK	1	1	19.26	19.37	19.08	20.9	0.0
Channel				648000	656000	664000	Tune-	MPR
Frequency (MHz)				3720	3840	3960	up limit	(dB)
40	QPSK	1	1	19.22	19.37	19.01	20.9	0.0
Channel				647668	656000	664332	Tune-	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	up limit	(dB)
30	QPSK	1	1	19.23	19.44	19.07	20.9	0.0
Channel				647500	656000	664500	Tune-	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	up limit	(dB)
25	QPSK	1	1	19.18	19.40	19.09	20.9	0.0
Channel				647334	656000	664666	Tune-	MPR
Frequency (MHz)				3710.01	3840	3969.99	up limit	(dB)
20	QPSK	1	1	19.24	19.44	19.06	20.9	0.0
Channel				647168	656000	664832	Tune-	MPR
Frequency (MHz)				3707.52	3840	3972.48	up limit	(dB)
15	QPSK	1	1	19.24	19.40	19.10	20.9	0.0
Channel				647000	656000	665000	Tune-	MPR
Frequency (MHz)				3705	3840	3975	up limit	(dB)
10	QPSK	1	1	19.20	19.35	19.07	20.9	0.0

PC3 FR1 n77 PartQ Ant9 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.53		17.4	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.52			
100	PI/2 BPSK	135	0		16.50		17.4	0.0
100	PI/2 BPSK	135	69		16.50		17.4	0.0
100	PI/2 BPSK	135	138		16.52		17.4	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.55		17.4	0.0
100	QPSK	1	137		16.50			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.51		17.4	0.0
100	QPSK	135	69		16.52			
100	QPSK	135	138		16.46			
100	QPSK	270	0		16.46		17.4	0.0
100	16QAM	1	1		16.49		17.4	0.0
100	64QAM	1	1		16.50		17.4	0.0
100	256QAM	1	1		16.51		17.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.43	16.39	16.38	17.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.43	16.36	16.36	17.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.38	16.43	16.36	17.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.42	16.39	16.43	17.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.38	16.40	16.35	17.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.43	16.42	16.37	17.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.43	16.46	16.44	17.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.38	16.35	16.42	17.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.44	16.44	16.43	17.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.36	16.36	16.35	17.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.45	16.38	16.41	17.4	0.0

PC2 FR1 n77 PartQ Ant9 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.50		20.9	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.49			
100	PI/2 BPSK	135	0		19.44		20.9	0.0
100	PI/2 BPSK	135	69		19.46		20.9	0.0
100	PI/2 BPSK	135	138		19.54		20.9	0.0
100	PI/2 BPSK	270	0		19.47			
100	QPSK	1	1		19.59		20.9	0.0
100	QPSK	1	137		19.49			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.52		20.9	0.0
100	QPSK	135	69		19.54			
100	QPSK	135	138		19.43			
100	QPSK	270	0		19.42		20.9	0.0
100	16QAM	1	1		19.49		20.9	0.0
100	64QAM	1	1		19.53		20.9	0.0
100	256QAM	1	1		19.56		20.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.45	19.43	19.40	20.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.44	19.40	19.43	20.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.47	19.41	19.40	20.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.44	19.47	19.44	20.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.40	19.47	19.45	20.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.44	19.42	19.45	20.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.41	19.50	19.51	20.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.44	19.47	19.45	20.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.43	19.49	19.45	20.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.41	19.43	19.50	20.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.42	19.51	19.46	20.9	0.0

PC3 FR1 n78 PartO Ant9 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.52		17.4	0.0
100	PI/2 BPSK	1	137		16.56			
100	PI/2 BPSK	1	271		16.49			
100	PI/2 BPSK	135	0		16.45		17.4	0.0
100	PI/2 BPSK	135	69		16.49		17.4	0.0
100	PI/2 BPSK	135	138		16.47		17.4	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.59		17.4	0.0
100	QPSK	1	137		16.46			
100	QPSK	1	271		16.50			
100	QPSK	135	0		16.47		17.4	0.0
100	QPSK	135	69		16.55			
100	QPSK	135	138		16.50			
100	QPSK	270	0		16.55		17.4	0.0
100	16QAM	1	1		16.48		17.4	0.0
100	64QAM	1	1		16.49		17.4	0.0
100	256QAM	1	1		16.50		17.4	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.33	16.42	16.34	17.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.37	16.34	16.41	17.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.38	16.33	16.38	17.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.31	16.33	16.40	17.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.36	16.33	16.35	17.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.40	16.34	16.33	17.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.32	16.42	16.31	17.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.39	16.33	16.37	17.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.32	16.37	16.36	17.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.31	16.34	16.40	17.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.39	16.33	16.33	17.4	0.0

PC2 FR1 n78 PartO Ant9 DSI 5

FCC Part 27O (3700-3800MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.56		20.9	0.0
100	PI/2 BPSK	1	137		19.58			
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.42		20.9	0.0
100	PI/2 BPSK	135	69		19.47		20.9	0.0
100	PI/2 BPSK	135	138		19.49		20.9	0.0
100	PI/2 BPSK	270	0		19.48			
100	QPSK	1	1		19.65		20.9	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.47		20.9	0.0
100	QPSK	135	69		19.59			
100	QPSK	135	138		19.46			
100	QPSK	270	0		19.50		20.9	0.0
100	16QAM	1	1		19.53		20.9	0.0
100	64QAM	1	1		19.49		20.9	0.0
100	256QAM	1	1		19.50		20.9	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.61	19.52	19.52	20.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.57	19.57	19.50	20.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.52	19.60	19.59	20.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.52	19.57	19.51	20.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.58	19.52	19.57	20.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.60	19.50	19.54	20.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.51	19.58	19.56	20.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.51	19.57	19.60	20.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.57	19.59	19.61	20.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.60	19.53	19.60	20.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.58	19.57	19.51	20.9	0.0

PC3 FR1 n78 PartQ Ant9 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.29		17.4	0.0
100	PI/2 BPSK	1	137		16.31			
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.33		17.4	0.0
100	PI/2 BPSK	135	69		16.25		17.4	0.0
100	PI/2 BPSK	135	138		16.27		17.4	0.0
100	PI/2 BPSK	270	0		16.34			
100	QPSK	1	1		16.44		17.4	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.30			
100	QPSK	135	0		16.33		17.4	0.0
100	QPSK	135	69		16.35			
100	QPSK	135	138		16.29			
100	QPSK	270	0		16.26		17.4	0.0
100	16QAM	1	1		16.34		17.4	0.0
100	64QAM	1	1		16.32		17.4	0.0
100	256QAM	1	1		16.28		17.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.28	16.26	16.27	17.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.22	16.22	16.21	17.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.21	16.29	16.20	17.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.22	16.21	16.24	17.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.20	16.24	16.19	17.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.27	16.20	16.27	17.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.23	16.21	16.20	17.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.25	16.20	16.27	17.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.26	16.26	16.25	17.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.29	16.28	16.20	17.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.27	16.22	16.22	17.4	0.0

PC2 FR1 n78 PartQ Ant9 DSI 5

FCC Part 27Q (3450-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.27		20.9	0.0
100	PI/2 BPSK	1	137		19.34			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.34		20.9	0.0
100	PI/2 BPSK	135	69		19.20		20.9	0.0
100	PI/2 BPSK	135	138		19.28		20.9	0.0
100	PI/2 BPSK	270	0		19.38			
100	QPSK	1	1		19.48		20.9	0.0
100	QPSK	1	137		19.26			
100	QPSK	1	271		19.28			
100	QPSK	135	0		19.33		20.9	0.0
100	QPSK	135	69		19.39			
100	QPSK	135	138		19.31			
100	QPSK	270	0		19.28		20.9	0.0
100	16QAM	1	1		19.33		20.9	0.0
100	64QAM	1	1		19.31		20.9	0.0
100	256QAM	1	1		19.33		20.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.39	19.44	19.36	20.9	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.34	19.40	19.40	20.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.34	19.33	19.35	20.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.34	19.39	19.38	20.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.40	19.34	19.36	20.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.35	19.34	19.40	20.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.39	19.42	19.35	20.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.39	19.37	19.35	20.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.32	19.33	19.43	20.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.34	19.40	19.33	20.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.36	19.38	19.41	20.9	0.0

2.4GHz WLAN				Ant 15 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 8 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 15+8 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 15 Head Standalone		Ant 8 Head Standalone		Ant 15+8 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.74	19.50	19.65	20.50	22.23	23.00	11.90	12.50	12.17	13.00	15.15	16.00	97.05
		6	2437	18.56	19.50	19.25	20.00	21.93	22.50	11.84	12.50	12.10	13.00	15.10	16.00	
		11	2462	18.77	19.50	19.36	20.00	22.09	23.00	11.65	12.50	12.06	13.00	15.06	16.00	
	802.11g 6Mbps	1	2412	18.82	19.50	19.56	20.50	22.22	23.00	Not Required	12.50	Not Required	13.00	Not Required	16.00	99.04
		6	2437	18.73	19.50	19.08	20.00	21.92	22.50		12.50		13.00		16.00	
		11	2462	18.87	19.50	19.48	20.00	22.20	23.00		12.50		13.00		16.00	
	802.11n-HT20 MCS0	1	2412	17.94	18.50	18.61	19.50	21.30	22.00		12.50		13.00		16.00	100
		6	2437	18.72	19.50	19.13	20.00	21.94	22.50		12.50		13.00		16.00	
		11	2462	18.48	19.00	18.89	19.50	21.70	22.50		12.50		13.00		16.00	
	802.11n-HT40 MCS0	3	2422	17.91	18.50	18.69	19.50	21.33	22.00		12.50		13.00		16.00	100
		6	2437	17.89	18.50	18.37	19.00	21.15	22.00		12.50		13.00		16.00	
		9	2452	17.79	18.50	18.48	19.00	21.16	22.00		12.50		13.00		16.00	
	802.11ax-HE20 MCS0	1	2412	17.97	18.50	18.63	19.50	21.32	22.00		12.50		13.00		16.00	100
		6	2437	18.78	19.50	19.19	20.00	22.00	22.50		12.50		13.00		16.00	
		11	2462	18.62	19.50	18.92	19.50	21.78	22.50		12.50		13.00		16.00	
	802.11ax-HE40 MCS0	3	2422	17.97	18.50	18.72	19.50	21.37	22.00		12.50		13.00		16.00	100
		6	2437	17.95	18.50	18.42	19.00	21.20	22.00		12.50		13.00		16.00	
		9	2452	17.82	18.50	18.51	19.50	21.19	22.00		12.50		13.00		16.00	
	802.11be-EHT20 MCS0	1	2412	18.04	19.00	18.68	19.50	21.38	22.00		12.50		13.00		16.00	100
		6	2437	18.81	19.50	19.23	20.00	22.04	23.00		12.50		13.00		16.00	
		11	2462	18.66	19.50	18.96	19.50	21.82	22.50		12.50		13.00		16.00	
	802.11be-EHT40 MCS0	3	2422	18.02	19.00	18.79	19.50	21.43	22.00		12.50		13.00		16.00	100
		6	2437	17.99	18.50	18.47	19.00	21.25	22.00		12.50		13.00		16.00	
		9	2452	17.87	18.50	18.53	19.50	21.22	22.00		12.50		13.00		16.00	

5.2GHz WLAN				Ant 16 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 12 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 16+12 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 16 Head Standalone		Ant 12 Head Standalone		Ant 16+12 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.88	19.50	18.56	19.50	21.74	22.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	99.32
		40	5200	18.78	19.50	19.12	20.00	21.97	22.50		13.50		13.50		16.50	
		44	5220	18.82	19.50	19.07	20.00	21.96	22.50		13.50		13.50		16.50	
		48	5240	18.59	19.50	18.91	19.50	21.77	22.50		13.50		13.50		16.50	
	802.11n-HT20 MCS0	36	5180	19.29	20.00	18.87	19.50	22.10	23.00		13.50		13.50		16.50	100
		40	5200	18.64	19.50	18.97	19.50	21.82	22.50		13.50		13.50		16.50	
		44	5220	18.63	19.50	18.95	19.50	21.80	22.50		13.50		13.50		16.50	
		48	5240	18.47	19.00	18.79	19.50	21.64	22.50		13.50		13.50		16.50	
	802.11n-HT40 MCS0	38	5190	18.55	19.50	18.11	19.00	21.35	22.00		13.50		13.50		16.50	100
		46	5230	17.97	18.50	18.02	19.00	21.01	22.00		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	36	5180	19.31	20.00	18.89	19.50	22.12	23.00		13.50		13.50		16.50	100
		40	5200	18.70	19.50	18.99	19.50	21.86	22.50		13.50		13.50		16.50	
		44	5220	18.69	19.50	18.97	19.50	21.84	22.50		13.50		13.50		16.50	
		48	5240	18.49	19.00	18.81	19.50	21.66	22.50		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	38	5190	18.61	19.50	18.14	19.00	21.39	22.00		13.50		13.50		16.50	100
		46	5230	17.99	18.50	18.08	19.00	21.05	22.00		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	42	5210	16.88	17.50	17.04	18.00	19.97	20.50	12.63	13.50	12.66	13.50	15.71	16.50	100
	802.11ax-HE20 MCS0	36	5180	19.40	20.00	18.94	19.50	22.19	23.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	100
		40	5200	18.74	19.50	19.03	20.00	21.90	22.50		13.50		13.50		16.50	
		44	5220	18.78	19.50	19.06	20.00	21.93	22.50		13.50		13.50		16.50	
		48	5240	18.52	19.50	18.86	19.50	21.70	22.50		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	38	5190	18.69	19.50	18.18	19.00	21.45	22.00		13.50		13.50		16.50	100
		46	5230	18.01	19.00	18.15	19.00	21.09	22.00		13.50		13.50		16.50	
	802.11ax-HE80 MCS0	42	5210	16.94	17.50	17.07	18.00	20.02	21.00		13.50		13.50		16.50	100
	802.11be-EHT20 MCS0	36	5180	19.48	20.00	19.01	20.00	22.26	23.00		13.50		13.50		16.50	100
		40	5200	18.76	19.50	19.05	20.00	21.92	22.50		13.50		13.50		16.50	
		44	5220	18.81	19.50	19.12	20.00	21.98	22.50		13.50		13.50		16.50	
		48	5240	18.55	19.50	18.93	19.50	21.75	22.50		13.50		13.50		16.50	
	802.11be-EHT40 MCS0	38	5190	18.72	19.50	18.24	19.00	21.50	22.00		13.50		13.50		16.50	100
		46	5230	18.05	19.00	18.22	19.00	21.15	22.00		13.50		13.50		16.50	
	802.11be-EHT80 MCS0	42	5210	16.98	17.50	17.13	18.00	20.07	21.00		13.50		13.50		16.50	100

5.3GHz WLAN				Ant 16 —Default power For Body-worn Standalone For Extremity Standalone		Ant 12 —Default power For Body-worn Standalone For Extremity Standalone		Ant 16+12 —Default power For Body-worn Standalone For Extremity Standalone		Ant 16 Head Standalone		Ant 12 Head Standalone		Ant 16+12 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.86	19.50	18.76	19.50	21.82	22.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	99.32
		56	5280	18.74	19.50	18.61	19.50	21.69	22.50		13.50		13.50		16.50	
		60	5300	18.99	19.50	18.35	19.00	21.69	22.50		13.50		13.50		16.50	
		64	5320	19.16	20.00	18.93	19.50	22.06	23.00		13.50		13.50		16.50	
	802.11n-HT20 MCS0	52	5260	19.28	20.00	19.19	20.00	22.25	23.00		13.50		13.50		16.50	100
		56	5280	19.17	20.00	19.20	20.00	22.20	23.00		13.50		13.50		16.50	
		60	5300	19.30	20.00	19.04	20.00	22.18	23.00		13.50		13.50		16.50	
		64	5320	18.93	19.50	18.89	19.50	21.92	22.50		13.50		13.50		16.50	
	802.11n-HT40 MCS0	54	5270	18.65	19.50	18.44	19.00	21.56	22.50		13.50		13.50		16.50	100
		62	5310	18.27	19.00	18.18	19.00	21.24	22.00		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	52	5260	19.30	20.00	19.22	20.00	22.27	23.00		13.50		13.50		16.50	100
		56	5280	19.21	20.00	19.23	20.00	22.23	23.00		13.50		13.50		16.50	
		60	5300	19.34	20.00	19.10	20.00	22.23	23.00		13.50		13.50		16.50	
		64	5320	18.97	19.50	18.95	19.50	21.97	22.50		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	54	5270	18.69	19.50	18.50	19.00	21.61	22.50		13.50		13.50		16.50	100
		62	5310	18.30	19.00	18.24	19.00	21.28	22.00		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	58	5290	17.34	18.00	17.21	18.00	20.29	21.00		13.50		13.50		16.50	100
	802.11ac-VHT160 MCS0	50	5250	16.69	17.50	16.71	17.50	19.71	20.50	12.68	13.50	12.82	13.50	15.82	16.50	100
	802.11ax-HE20 MCS0	52	5260	19.37	20.00	19.31	20.00	22.35	23.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	100
		56	5280	19.27	20.00	19.28	20.00	22.29	23.00		13.50		13.50		16.50	
		60	5300	19.37	20.00	19.13	20.00	22.26	23.00		13.50		13.50		16.50	
		64	5320	19.05	20.00	19.00	19.50	22.04	23.00		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	54	5270	18.77	19.50	18.57	19.50	21.68	22.50		13.50		13.50		16.50	100
		62	5310	18.32	19.00	18.28	19.00	21.31	22.00		13.50		13.50		16.50	
	802.11ax-HE80 MCS0	58	5290	17.40	18.00	17.27	18.00	20.35	21.00		13.50		13.50		16.50	100
	802.11ax-HE160 MCS0	50	5250	16.74	17.50	16.79	17.50	19.78	20.50		13.50		13.50		16.50	100
	802.11be-EHT20 MCS0	52	5260	19.45	20.00	19.37	20.00	22.42	23.00		13.50		13.50		16.50	100
		56	5280	19.35	20.00	19.32	20.00	22.35	23.00		13.50		13.50		16.50	
		60	5300	19.39	20.00	19.19	20.00	22.30	23.00		13.50		13.50		16.50	
		64	5320	19.08	20.00	19.02	20.00	22.06	23.00		13.50		13.50		16.50	
	802.11be-EHT40 MCS0	54	5270	18.81	19.50	18.63	19.50	21.73	22.50		13.50		13.50		16.50	100
		62	5310	18.35	19.00	18.32	19.00	21.35	22.00		13.50		13.50		16.50	
	802.11be-EHT80 MCS0	58	5290	17.47	18.00	17.33	18.00	20.41	21.00		13.50		13.50		16.50	100
	802.11be-EHT160 MCS0	50	5250	16.78	17.50	16.84	17.50	19.82	20.50		13.50		13.50		16.50	100

5.5GHz WLAN				Ant 16 —Default power For Body-worn Standalone For Extremity Standalone		Ant 12 —Default power For Body-worn Standalone For Extremity Standalone		Ant 16+12 —Default power For Body-worn Standalone For Extremity Standalone		Ant 16 Head Standalone		Ant 12 Head Standalone		Ant 16+12 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.64	19.50	19.47	20.00	22.09	23.00	Not Required	14.00	Not Required	13.50	Not Required	16.50	99.32
		116	5580	18.01	19.00	19.26	20.00	21.69	22.50		14.00		13.50		16.50	
		124	5620	17.96	18.50	19.02	20.00	21.54	22.50		14.00		13.50		16.50	
		132	5660	17.88	18.50	19.13	20.00	21.56	22.50		14.00		13.50		16.50	
		140	5700	17.92	18.50	19.27	20.00	21.66	22.50		14.00		13.50		16.50	
		144	5720	18.01	19.00	19.45	20.00	21.80	22.50		14.00		13.50		16.50	
	802.11n-HT20 MCS0	100	5500	19.09	20.00	19.87	20.50	22.51	23.50		14.00		13.50		16.50	100
		116	5580	18.46	19.00	19.52	20.50	22.03	23.00		14.00		13.50		16.50	
		124	5620	18.37	19.00	19.42	20.00	21.94	22.50		14.00		13.50		16.50	
		132	5660	18.26	19.00	19.48	20.00	21.92	22.50		14.00		13.50		16.50	
		140	5700	18.28	19.00	19.68	20.50	22.05	23.00		14.00		13.50		16.50	
		144	5720	18.33	19.00	19.74	20.50	22.10	23.00		14.00		13.50		16.50	
	802.11n-HT40 MCS0	102	5510	18.15	19.00	19.16	20.00	21.69	22.50		14.00		13.50		16.50	100
		110	5550	17.84	18.50	18.92	19.50	21.42	22.00		14.00		13.50		16.50	
		126	5630	17.61	18.50	18.53	19.50	21.10	22.00		14.00		13.50		16.50	
		134	5670	17.53	18.50	18.67	19.50	21.15	22.00		14.00		13.50		16.50	
		142	5710	17.47	18.00	18.98	19.50	21.30	22.00		14.00		13.50		16.50	
	802.11ac-VHT20 MCS0	100	5500	19.12	20.00	19.90	20.50	22.54	23.50		14.00		13.50		16.50	100
		116	5580	18.52	19.50	19.55	20.50	22.08	23.00		14.00		13.50		16.50	
		124	5620	18.43	19.00	19.47	20.00	21.99	22.50		14.00		13.50		16.50	
		132	5660	18.30	19.00	19.53	20.50	21.97	22.50		14.00		13.50		16.50	
		140	5700	18.30	19.00	19.73	20.50	22.08	23.00		14.00		13.50		16.50	
		144	5720	18.37	19.00	19.76	20.50	22.13	23.00		14.00		13.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	18.21	19.00	19.22	20.00	21.75	22.50		14.00		13.50		16.50	100
		110	5550	17.87	18.50	18.96	19.50	21.46	22.00		14.00		13.50		16.50	
		126	5630	17.66	18.50	18.57	19.50	21.15	22.00		14.00		13.50		16.50	
		134	5670	17.55	18.50	18.71	19.50	21.18	22.00		14.00		13.50		16.50	
		142	5710	17.53	18.50	19.02	20.00	21.35	22.00		14.00		13.50		16.50	
	802.11ac-VHT80 MCS0	106	5530	17.05	18.00	17.88	18.50	20.50	21.00		14.00		13.50		16.50	100
		122	5610	16.60	17.50	17.72	18.50	20.21	21.00		14.00		13.50		16.50	
		138	5690	16.46	17.00	17.84	18.50	20.21	21.00		14.00		13.50		16.50	
	802.11ac-VHT160 MCS0	114	5570	15.55	16.50	16.86	17.50	19.26	20.00	13.35	14.00	12.96	13.50	15.73	16.50	100
	802.11ax-HE20 MCS0	100	5500	19.19	20.00	19.95	20.50	22.60	23.50	Not Required	14.00	Not Required	13.50	Not Required	16.50	100
		116	5580	18.59	19.50	19.62	20.50	22.15	23.00		14.00		13.50		16.50	
		124	5620	18.50	19.00	19.52	20.50	22.05	23.00		14.00		13.50		16.50	
		132	5660	18.38	19.00	19.57	20.50	22.03	23.00		14.00		13.50		16.50	
		140	5700	18.37	19.00	19.78	20.50	22.14	23.00		14.00		13.50		16.50	
		144	5720	18.40	19.00	19.83	20.50	22.20	23.00		14.00		13.50		16.50	
	802.11ax-HE40 MCS0	102	5510	18.37	19.00	19.28	20.00	21.81	22.50		14.00		13.50		16.50	100
		110	5550	17.95	18.50	19.00	19.50	21.52	22.00		14.00		13.50		16.50	
		126	5630	17.73	18.50	18.59	19.50	21.19	22.00		14.00		13.50		16.50	
		134	5670	17.62	18.50	18.76	19.50	21.25	22.00		14.00		13.50		16.50	
		142	5710	17.57	18.50	19.05	20.00	21.38	22.00		14.00		13.50		16.50	
	802.11ax-HE80 MCS0	106	5530	17.12	18.00	17.95	18.50	20.57	21.50		14.00		13.50		16.50	100
		122	5610	16.64	17.50	17.79	18.50	20.28	21.00		14.00		13.50		16.50	
		138	5690	16.50	17.00	17.89	18.50	20.26	21.00		14.00		13.50		16.50	
	802.11ax-HE160 MCS0	114	5570	15.59	16.50	16.80	17.50	19.32	20.00		14.00		13.50		16.50	100
	802.11be-EHT20 MCS0	100	5500	19.22	20.00	19.97	20.50	22.62	23.50		14.00		13.50		16.50	100
		116	5580	18.63	19.50	19.66	20.50	22.18	23.00		14.00		13.50		16.50	
		124	5620	18.58	19.50	19.56	20.50	22.11	23.00		14.00		13.50		16.50	
		132	5660	18.46	19.00	19.61	20.50	22.08	23.00		14.00		13.50		16.50	
		140	5700	18.46	19.00	19.82	20.50	22.20	23.00		14.00		13.50		16.50	
		144	5720	18.49	19.00	19.87	20.50	22.24	23.00		14.00		13.50		16.50	
	802.11be-EHT40 MCS0	102	5510	18.31	19.00	19.31	20.00	21.85	22.50		14.00		13.50		16.50	100
		110	5550	18.02	19.00	19.07	20.00	21.59	22.50		14.00		13.50		16.50	
		126	5630	17.78	18.50	18.63	19.00	21.24	22.00		14.00		13.50		16.50	
		134	5670	17.69	18.50	18.84	19.50	21.30	22.00		14.00		13.50		16.50	
		142	5710	17.61	18.50	19.11	20.00	21.43	22.00		14.00		13.50		16.50	
	802.11be-EHT80 MCS0	106	5530	17.15	18.00	17.99	18.50	20.60	21.50		14.00		13.50		16.50	100
		122	5610	16.71	17.50	17.63	18.50	20.30	21.00		14.00		13.50		16.50	
		138	5690	16.56	17.50	17.93	18.50	20.31	21.00		14.00		13.50		16.50	
	802.11be-EHT160 MCS0	114	5570	15.62	16.50	16.97	17.50	19.36	20.00		14.00		13.50		16.50	100

5.8GHz WLAN				Ant 16 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 12 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 16+12 —Default power For Body-worn Standalone For Hotspot Standalone For Extremity Standalone		Ant 16 Head Standalone		Ant 12 Head Standalone		Ant 16+12 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.56	19.00	19.67	20.50	21.96	22.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	99.32
		157	5785	18.24	19.00	19.63	20.50	22.00	22.50		15.00		15.00		18.00	
		165	5825	18.48	19.00	19.53	20.00	21.88	22.50		15.00		15.00		18.00	
	802.11n-HT20 MCS0	149	5745	18.56	19.00	19.42	20.00	21.86	22.50		15.00		15.00		18.00	100
		157	5785	18.02	19.00	19.40	20.00	21.89	22.50		15.00		15.00		18.00	
		165	5825	18.22	19.00	19.41	20.00	21.87	22.50		15.00		15.00		18.00	
	802.11n-HT40 MCS0	151	5755	17.30	18.00	18.65	19.50	21.21	22.00		15.00		15.00		18.00	100
		159	5795	17.51	18.50	18.66	19.50	21.28	22.00		15.00		15.00		18.00	
	802.11ac-VHT20 MCS0	149	5745	18.09	19.00	19.48	20.00	21.84	22.50		15.00		15.00		18.00	100
		157	5785	18.08	19.00	19.38	20.00	21.85	22.50		15.00		15.00		18.00	
		165	5825	18.26	19.00	19.46	20.00	21.91	22.50		15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	151	5755	17.32	18.00	18.68	19.50	21.24	22.00		15.00		15.00		18.00	100
		159	5795	17.58	18.50	18.66	19.50	21.32	22.00		15.00		15.00		18.00	
	802.11ac-VHT80 MCS0	155	5775	16.40	17.00	17.85	18.50	20.20	21.00	14.35	15.00	14.19	15.00	17.30	18.00	100
	802.11ax-HE20 MCS0	149	5745	18.13	19.00	19.51	20.50	21.89	22.50	Not Required	15.00	Not Required	15.00	Not Required	18.00	100
		157	5785	18.12	19.00	19.52	20.00	21.89	22.50		15.00		15.00		18.00	
		165	5825	18.34	19.00	19.48	20.00	21.96	22.50		15.00		15.00		18.00	
	802.11ax-HE40 MCS0	151	5755	17.36	18.00	18.61	20.00	21.27	22.00		15.00		15.00		18.00	100
		159	5795	17.60	18.50	18.68	19.50	21.35	22.00		15.00		15.00		18.00	
	802.11ax-HE80 MCS0	155	5775	16.42	17.00	17.90	18.50	20.23	21.00		15.00		15.00		18.00	100
	802.11be-EHT20 MCS0	149	5745	18.15	19.00	19.56	20.50	21.92	22.50		15.00		15.00		18.00	100
		157	5785	18.19	19.00	19.58	20.00	21.85	22.50		15.00		15.00		18.00	
		165	5825	18.41	19.00	19.52	20.00	22.01	23.00		15.00		15.00		18.00	
	802.11be-EHT40 MCS0	151	5755	17.41	18.00	19.07	20.00	21.33	22.00		15.00		15.00		18.00	100
		159	5795	17.69	18.50	19.02	20.00	21.40	22.00		15.00		15.00		18.00	
	802.11be-EHT80 MCS0	155	5775	16.47	17.00	17.96	18.50	20.29	21.00		15.00		15.00		18.00	100

BT BR/EDR ANT8

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.89	12.67	12.61
	CH 39	2441	15.92	12.71	12.74
	CH 78	2480	16.03	12.90	12.93
Tune-up Limit			17.50	14.00	14.00

BT BR/EDR ANT8 For Head Standalone

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.81		
	CH 39	2441	11.88		
	CH 78	2480	11.95		
Tune-up Limit			13.50		

BT BR/EDR ANT15

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.29	12.50	12.64
	CH 39	2441	15.28	12.54	12.56
	CH 78	2480	15.25	12.38	12.41
Tune-up Limit			17.00	14.00	14.00

BLE_1M ANT8

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.73
	CH 19	2440	7.18
	CH 39	2480	7.33
Tune-up Limit			8.50

BLE_1M ANT15

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.05
	CH 19	2440	7.53
	CH 39	2480	7.47
Tune-up Limit			8.50

BLE_2M ANT8

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.92
	CH 19	2440	7.32
	CH 39	2480	7.84
Tune-up Limit			8.50

BLE_2M ANT15

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.16
	CH 19	2440	7.52
	CH 39	2480	7.48
Tune-up Limit			8.50

BT BF

BT 2.0 ANT8

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.03	6.91	6.68
	CH 39	2441	10.82	7.34	7.23
	CH 78	2480	11.80	7.25	7.05
Tune-up Limit			12.50	8.50	8.50

BT 2.0 ANT15

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.52	6.97	6.87
	CH 39	2441	11.92	7.26	7.31
	CH 78	2480	11.29	6.87	6.98
Tune-up Limit			13.00	8.50	8.50

BT 2.0 ANT15+8

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.29	9.95	9.78
	CH 39	2441	14.41	10.31	10.28
	CH 78	2480	14.56	10.07	10.02
Tune-up Limit			16.00	11.50	11.50