Full&Default Power Mode& DSI1

Band		WCDMA II Ant 0 Full power			Tune-up Limit (dBm)	WCDMA IV Ant 0 Full power			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	23.55	23.58	23.51	24.50	23.58	23.68	23.61	24.50
3GPP Rel 99	RMC 12.2Kbps	23.59	23.62	23.56	24.50	23.62	23.71	23.66	24.50
3GPP Rel 6	HSDPA Subtest-1	22.52	22.60	22.65	23.50	22.52	22.68	22.74	23.50
3GPP Rel 6	HSDPA Subtest-2	22.68	22.59	22.67	23.50	22.66	22.61	22.71	23.50
3GPP Rel 6	HSDPA Subtest-3	22.14	22.04	21.98	23.00	22.13	22.21	22.10	23.00
3GPP Rel 6	HSDPA Subtest-4	22.03	22.02	22.03	23.00	22.04	22.25	22.10	23.00
3GPP Rel 6	HSUPA Subtest-1	22.58	22.60	22.56	23.50	22.66	22.82	22.61	23.50
3GPP Rel 6	HSUPA Subtest-2	20.52	20.66	20.62	21.50	20.66	20.51	20.50	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.60	21.56	22.50	21.66	21.68	21.56	22.50
3GPP Rel 6	HSUPA Subtest-4	20.51	20.71	20.57	21.50	20.51	20.64	20.59	21.50
3GPP Rel 6	HSUPA Subtest-5	22.69	22.56	22.67	23.50	22.55	22.62	22.55	23.50

Band 2 Ant 0 Full power

BW [MHz]	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	22.84	22.87	22.74	24	0
20	QPSK	1	49	22.68	22.65	22.70		
20	QPSK	1	99	22.71	22.70	22.64		
20	QPSK	50	0	21.82	21.98	21.80	23	1
20	QPSK	50	24	21.78	21.95	21.78		
20	QPSK	50	50	21.72	21.76	21.78		
20	QPSK	100	0	21.75	21.93	21.74		
20	16QAM	1	0	21.91	21.77	21.99	23	1
20	16QAM	1	49	21.91	21.95	21.72		
20	16QAM	1	99	21.88	21.98	21.92		
20	16QAM	50	0	20.76	20.81	20.77	22	2
20	16QAM	50	24	20.83	20.81	20.97		
20	16QAM	50	50	20.87	20.91	20.91		
20	16QAM	100	0	20.97	20.98	20.82		
20	64QAM	1	0	20.84	20.86	20.85	22	2
20	64QAM	1	49	20.72	20.85	20.77		
20	64QAM	1	99	20.81	20.81	20.81		
20	64QAM	50	0	19.82	19.93	19.97	21	3
20	64QAM	50	24	20.00	19.88	19.74		
20	64QAM	50	50	19.87	19.91	19.87		
20	64QAM	100	0	19.84	19.84	20.01		
20	256QAM	1	0	18.29	18.30	18.15	19	5
20	256QAM	1	49	18.24	18.25	18.31		
15	QPSK	36	39	21.66	21.76	21.63	23	1
15	QPSK	75	0	21.67	21.86	21.64		
15	16QAM	1	0	21.74	21.74	21.81	23	1
15	16QAM	1	37	21.84	21.90	21.67		
15	16QAM	1	74	21.72	21.84	21.74		
15	16QAM	36	0	20.64	20.63	20.68	22	2
15	16QAM	36	20	20.79	20.67	20.80		
15	16QAM	36	39	20.69	20.83	20.80		
15	16QAM	75	0	20.83	20.82	20.70		
15	64QAM	1	0	20.75	20.80	20.81	22	2
15	64QAM	1	37	20.70	20.80	20.74		
15	64QAM	1	74	20.74	20.74	20.69		
15	64QAM	36	0	19.77	19.84	19.92	21	3
15	64QAM	36	20	19.82	19.77	19.71		
15	64QAM	36	39	19.80	19.87	19.82		
15	64QAM	75	0	19.71	19.72	19.86		
15	256QAM	1	37	18.22	18.14	18.22	19	5
15	256QAM	1	74	18.17	18.23	18.18		
15	256QAM	36	0	18.25	18.04	18.18	19	5
15	256QAM	36	20	18.02	18.11	18.07		
15	256QAM	36	39	18.21	18.04	18.01		
15	256QAM	75	0	18.21	18.22	17.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.80	22.67	24	0
10	QPSK	1	25	22.56	22.53	22.60		
10	QPSK	1	49	22.58	22.58	22.52		
10	QPSK	25	0	21.70	21.81	21.76	23	1
10	QPSK	25	12	21.74	21.79	21.66		
10	QPSK	25	25	21.59	21.71	21.67		
10	QPSK	50	0	21.68	21.91	21.61		
10	16QAM	1	0	21.72	21.73	21.86	23	1
10	16QAM	1	25	21.80	21.90	21.69		
10	16QAM	1	49	21.75	21.87	21.78		
10	16QAM	25	0	20.68	20.67	20.72	22	2
10	16QAM	25	12	20.78	20.67	20.87		
10	16QAM	25	25	20.74	20.82	20.83		
10	16QAM	50	0	20.89	20.82	20.75		
10	64QAM	1	0	20.74	20.75	20.80	22	2
10	64QAM	1	25	20.63	20.82	20.75		
10	64QAM	1	49	20.73	20.64	20.71		
10	64QAM	25	0	19.70	19.74	19.95	21	3
10	64QAM	25	12	19.92	19.70	19.68		
10	64QAM	25	25	19.80	19.85	19.82		
10	64QAM	50	0	19.70	19.67	19.90		
10	256QAM	1	0	18.18	18.21	18.06	19	5
10	256QAM	1	25	18.15	18.16	18.17		
10	256QAM	1	49	18.24	18.19	18.20		
10	256QAM	25	0	18.17	17.99	18.27	19	5
10	256QAM	25	12	18.07	18.19	18.15		
10	256QAM	25	25	18.14	18.00	17.96		
10	256QAM	50	0	18.20	18.24	18.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.80	22.66	24	0
5	QPSK	1	12	22.59	22.57	22.67		
5	QPSK	1	24	22.55	22.54	22.50		
5	QPSK	12	0	21.69	21.82	21.77	23	1
5	QPSK	12	7	21.71	21.76	21.61		
5	QPSK	12	13	21.61	21.76	21.69		
5	QPSK	25	0	21.70	21.83	21.70		
5	16QAM	1	0	21.81	21.69	21.83	23	1
5	16QAM	1	12	21.83	21.90	21.65		
5	16QAM	1	24	21.72	21.90	21.75		
5	16QAM	12	0	20.70	20.72	20.70	22	2
5	16QAM	12	7	20.78	20.68	20.86		
5	16QAM	12	13	20.75	20.74	20.75		
5	16QAM	25	0	20.80	20.78	20.70		
5	64QAM	1	0	20.77	20.79	20.79	22	2
5	64QAM	1	12	20.63	20.74	20.71		
5	64QAM	1	24	20.74	20.64	20.74		
5	64QAM	12	0	19.72	19.81	19.85	21	3
5	64QAM	12	7	19.83	19.72	19.67		
5	64QAM	12	13	19.78	19.86	19.81		
5	64QAM	25	0	19.71	19.67	19.95		
5	256QAM	1	0	18.22	18.27	18.02	19	5
5	256QAM	1	12	18.20	18.13	18.21		
5	256QAM	1	24	18.22	18.23	18.17		
5	256QAM	12	0	18.24	18.04	18.19	19	5
5	256QAM	12	7	18.01	18.10	18.15		
5	256QAM	12	13	18.23	18.06	18.02		
5	256QAM	25	0	18.12	18.21	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.80	22.68	24	0
3	QPSK	1	8	22.62	22.57	22.63		
3	QPSK	1	14	22.60	22.63	22.59		
3	QPSK	8	0	21.77	21.84	21.75	23	1
3	QPSK	8	4	21.78	21.85	21.67		
3	QPSK	8	7	21.61	21.68	21.63		
3	QPSK	15	0	21.62	21.84	21.64		
3	16QAM	1	0	21.74	21.72	21.89	23	1
3	16QAM	1	8	21.83	21.87	21.59		
3	16QAM	1	14	21.74	21.82	21.74		
3	16QAM	8	0	20.66	20.71	20.63	22	2
3	16QAM	8	4	20.79	20.73	20.77		
3	16QAM	8	7	20.71	20.76	20.77		
3	16QAM	15	0	20.88	20.81	20.66		
3	64QAM	1	0	20.76	20.81	20.80	22	2
3	64QAM	1	8	20.64	20.76	20.75		
3	64QAM	1	14	20.69	20.64	20.68		
3	64QAM	8	0	19.69	19.83	19.89	21	3
3	64QAM	8	4	19.83	19.79	19.69		
3	64QAM	8	7	19.84	19.89	19.72		
3	64QAM	15	0	19.66	19.76	19.89		
3	256QAM	1	0	18.26	18.23	18.06	19	5
3	256QAM	1	8	18.25	18.21	18.20		
3	256QAM	1	14	18.15	18.13	18.14		
3	256QAM	8	0	18.19	17.96	18.23	19	5
3	256QAM	8	4	18.01	18.18	18.08		
3	256QAM	8	7	18.24	17.97	17.98		
3	256QAM	15	0	18.20	18.25	18.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.75	22.75	22.71	24	0
1.4	QPSK	1	3	22.67	22.60	22.62		
1.4	QPSK	1	5	22.60	22.56	22.55		
1.4	QPSK	3	0	21.70	21.78	21.78	23	1
1.4	QPSK	3	1	21.70	21.81	21.60		
1.4	QPSK	3	3	21.62	21.69	21.61		
1.4	QPSK	6	0	21.67	21.87	21.67		
1.4	16QAM	1	0	21.80	21.67	21.82	23	1
1.4	16QAM	1	3	21.78	21.88	21.63		
1.4	16QAM	1	5	21.80	21.89	21.79		
1.4	16QAM	3	0	20.68	20.66	20.65	22	2
1.4	16QAM	3	1	20.75	20.77	20.77		
1.4	16QAM	3	3	20.78	20.76	20.85		
1.4	16QAM	6	0	20.88	20.81	20.63		
1.4	64QAM	1	0	20.72	20.82	20.86	22	2
1.4	64QAM	1	3	20.67	20.79	20.65		
1.4	64QAM	1	5	20.67	20.69	20.76		
1.4	64QAM	3	0	19.72	19.77	19.86	21	3
1.4	64QAM	3	1	19.92	19.79	19.64		
1.4	64QAM	3	3	19.85	19.87	19.80		
1.4	64QAM	6	0	19.73	19.74	19.91		
1.4	256QAM	1	0	18.21	18.25	18.03	19	5
1.4	256QAM	1	3	18.25	18.10	18.18		
1.4	256QAM	1	5	18.18	18.16	18.21		
1.4	256QAM	3	0	18.23	18.02	18.18	19	5
1.4	256QAM	3	1	18.08	18.14	18.10		
1.4	256QAM	3	3	18.17	18.02	18.07		
1.4	256QAM	6	0	18.22	18.18	18.02		

Band 4 Ant 0 Full power

BW [MHz]	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	22.85	23.16	23.00	24	0
20	QPSK	1	49	23.06	23.01	22.88		
20	QPSK	1	99	23.03	22.90	22.92		
20	QPSK	50	0	22.09	22.18	22.10	23	1
20	QPSK	50	24	22.11	22.12	22.15		
20	QPSK	50	50	22.00	22.03	22.06		
20	QPSK	100	0	22.02	22.23	22.06		
20	16QAM	1	0	22.14	21.98	22.01	23	1
20	16QAM	1	49	22.14	22.11	22.22		
20	16QAM	1	99	21.99	22.05	22.09		
20	16QAM	50	0	21.13	21.07	21.13	22	2
20	16QAM	50	24	21.16	20.98	21.15		
20	16QAM	50	50	21.01	20.97	21.08		
20	16QAM	100	0	21.10	20.94	21.06		
20	64QAM	1	0	21.10	20.97	21.11	22	2
20	64QAM	1	49	20.99	21.03	21.07		
20	64QAM	1	99	20.93	21.01	21.09		
20	64QAM	50	0	20.13	20.15	20.20	21	3
20	64QAM	50	24	20.30	20.29	20.15		
20	64QAM	50	50	20.22	20.08	20.20		
20	64QAM	100	0	20.33	20.21	20.23		
20	256QAM	1	0	18.07	17.92	18.02	19	5
20	256QAM	1	49	18.05	17.87	17.93		
15	QPSK	36	39	22.02	21.94	21.96	23	1
15	QPSK	75	0	21.91	22.14	21.86		
15	16QAM	1	0	21.97	21.80	21.86	23	1
15	16QAM	1	37	21.94	22.01	22.02		
15	16QAM	1	74	21.84	21.96	21.94		
15	16QAM	36	0	20.95	20.94	21.04	22	2
15	16QAM	36	20	21.00	20.77	21.06		
15	16QAM	36	39	20.81	20.82	20.98		
15	16QAM	75	0	20.91	20.81	20.88		
15	64QAM	1	0	20.95	20.77	20.95	22	2
15	64QAM	1	37	20.87	20.85	20.88		
15	64QAM	1	74	20.72	20.82	20.94		
15	64QAM	36	0	20.01	19.99	20.02	21	3
15	64QAM	36	20	20.15	20.09	20.05		
15	64QAM	36	39	20.02	19.89	20.03		
15	64QAM	75	0	20.14	20.04	20.12		
15	256QAM	1	37	17.87	17.72	17.79	19	5
15	256QAM	1	74	17.70	17.89	17.81		
15	256QAM	36	0	17.82	17.72	17.94	19	5
15	256QAM	36	20	17.84	17.88	17.91		
15	256QAM	36	39	18.03	17.98	17.86		
15	256QAM	75	0	17.94	17.91	17.94		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	23.00	22.85	24	0
10	QPSK	1	25	22.92	22.83	22.77		
10	QPSK	1	49	22.84	22.76	22.71		
10	QPSK	25	0	21.90	22.02	21.90	23	1
10	QPSK	25	12	21.95	21.97	21.97		
10	QPSK	25	25	22.03	21.93	21.93		
10	QPSK	50	0	21.85	22.04	21.96		
10	16QAM	1	0	22.04	21.77	21.85	23	1
10	16QAM	1	25	21.95	22.00	22.03		
10	16QAM	1	49	21.83	21.93	22.00		
10	16QAM	25	0	20.96	20.95	21.00	22	2
10	16QAM	25	12	20.96	20.80	20.98		
10	16QAM	25	25	20.88	20.76	20.95		
10	16QAM	50	0	20.94	20.75	20.95		
10	64QAM	1	0	20.94	20.83	20.91	22	2
10	64QAM	1	25	20.78	20.83	20.96		
10	64QAM	1	49	20.79	20.88	20.96		
10	64QAM	25	0	20.02	20.05	20.00	21	3
10	64QAM	25	12	20.10	20.13	19.98		
10	64QAM	25	25	20.08	19.95	20.08		
10	64QAM	50	0	20.16	20.06	20.05		
10	256QAM	1	0	17.90	17.81	17.82	19	5
10	256QAM	1	25	17.89	17.74	17.76		
10	256QAM	1	49	17.66	17.97	17.84		
10	256QAM	25	0	17.84	17.71	17.92	19	5
10	256QAM	25	12	17.92	17.82	17.91		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.85	17.88	17.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.66	23.02	22.85	24	0
5	QPSK	1	12	22.88	22.81	22.74		
5	QPSK	1	24	22.83	22.72	22.80		
5	QPSK	12	0	21.96	21.98	21.99	23	1
5	QPSK	12	7	21.99	21.97	21.96		
5	QPSK	12	13	22.03	21.90	21.90		
5	QPSK	25	0	21.85	22.10	21.91		
5	16QAM	1	0	22.02	21.82	21.88	23	1
5	16QAM	1	12	22.05	22.01	22.06		
5	16QAM	1	24	21.85	21.90	21.98		
5	16QAM	12	0	21.04	20.96	20.97	22	2
5	16QAM	12	7	21.06	20.80	20.97		
5	16QAM	12	13	20.91	20.79	20.94		
5	16QAM	25	0	20.91	20.74	20.93		
5	64QAM	1	0	20.97	20.76	20.98	22	2
5	64QAM	1	12	20.78	20.87	20.87		
5	64QAM	1	24	20.73	20.83	20.89		
5	64QAM	12	0	19.95	20.06	20.00	21	3
5	64QAM	12	7	20.17	20.15	19.96		
5	64QAM	12	13	20.12	19.90	19.99		
5	64QAM	25	0	20.18	20.08	20.09		
5	256QAM	1	0	17.92	17.79	17.86	19	5
5	256QAM	1	12	17.88	17.74	17.76		
5	256QAM	1	24	17.76	17.94	17.85		
5	256QAM	12	0	17.88	17.68	17.86	19	5
5	256QAM	12	7	17.85	17.88	17.94		
5	256QAM	12	13	17.97	17.92	17.95		
5	256QAM	25	0	17.85	17.84	17.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.68	23.07	22.85	24	0
3	QPSK	1	8	22.85	22.82	22.78		
3	QPSK	1	14	22.83	22.69	22.83		
3	QPSK	8	0	21.99	22.08	21.93	23	1
3	QPSK	8	4	21.98	22.02	22.04		
3	QPSK	8	7	22.02	21.87	21.87		
3	QPSK	15	0	21.83	22.03	21.91		
3	16QAM	1	0	21.95	21.82	21.80	23	1
3	16QAM	1	8	21.94	21.91	22.08		
3	16QAM	1	14	21.82	21.89	21.89		
3	16QAM	8	0	20.98	20.94	20.96	22	2
3	16QAM	8	4	21.02	20.85	20.98		
3	16QAM	8	7	20.81	20.76	20.97		
3	16QAM	15	0	20.92	20.81	20.88		
3	64QAM	1	0	21.01	20.78	20.92	22	2
3	64QAM	1	8	20.79	20.86	20.94		
3	64QAM	1	14	20.82	20.81	20.91		
3	64QAM	8	0	20.01	20.02	20.01	21	3
3	64QAM	8	4	20.13	20.12	20.04		
3	64QAM	8	7	20.09	19.97	20.05		
3	64QAM	15	0	20.16	20.11	20.08		
3	256QAM	1	0	17.87	17.76	17.85	19	5
3	256QAM	1	8	17.85	17.74	17.73		
3	256QAM	1	14	17.76	17.90	17.84		
3	256QAM	8	0	17.86	17.73	17.89	19	5
3	256QAM	8	4	17.87	17.80	17.90		
3	256QAM	8	7	17.96	17.89	17.91		
3	256QAM	15	0	17.94	17.85	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.64	23.04	22.85	24	0
1.4	QPSK	1	3	22.78	22.77	22.70		
1.4	QPSK	1	5	22.76	22.70	22.79		
1.4	QPSK	3	0	22.19	22.58	22.40	23	1
1.4	QPSK	3	1	22.11	22.53	22.37		
1.4	QPSK	3	3	22.14	22.51	22.30		
1.4	QPSK	6	0	22.09	22.53	22.39		
1.4	16QAM	1	0	22.09	22.56	22.32	23	1
1.4	16QAM	1	3	22.09	22.50	22.38		
1.4	16QAM	1	5	22.20	22.50	22.30		
1.4	16QAM	3	0	21.18	21.51	21.30	22	2
1.4	16QAM	3	1	21.12	21.51	21.40		
1.4	16QAM	3	3	21.19	21.59	21.34		
1.4	16QAM	6	0	21.09	21.52	21.37		
1.4	64QAM	1	0	21.08	21.49	21.40	22	2
1.4	64QAM	1	3	21.19	21.49	21.29		
1.4	64QAM	1	5	21.10	21.56	21.40		
1.4	64QAM	3	0	20.30	20.72	20.53	21	3
1.4	64QAM	3	1	20.34	20.77	20.59		
1.4	64QAM	3	3	20.30	20.74	20.53		
1.4	64QAM	6	0	20.33	20.69	20.60		
1.4	256QAM	1	0	17.84	17.77	17.82	19	5
1.4	256QAM	1	3	17.85	17.69	17.70		
1.4	256QAM	1	5	17.67	17.81	17.74		
1.4	256QAM	3	0	17.81	17.66	17.90	19	5
1.4	256QAM	3	1	17.79	17.77	17.85		
1.4	256QAM	3	3	17.86	17.83	17.85		
1.4	256QAM	6	0	17.87	17.80	17.93		

Band 7 Ant 0 Full power

BW [MHz]	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	22.59	22.74	22.52	24	0
20	QPSK	1	49	22.73	22.62	22.55		
20	QPSK	1	99	22.52	22.54	22.72		
20	QPSK	50	0	21.72	21.76	21.68	23	1
20	QPSK	50	24	21.74	21.69	21.61		
20	QPSK	50	50	21.75	21.67	21.62		
20	QPSK	100	0	21.66	21.75	21.73		
20	16QAM	1	0	21.92	21.78	21.81	23	1
20	16QAM	1	49	21.99	21.91	21.99		
20	16QAM	1	99	21.89	21.99	21.79		
20	16QAM	50	0	20.65	20.68	20.64	22	2
20	16QAM	50	24	20.60	20.60	20.78		
20	16QAM	50	50	20.72	20.58	20.60		
20	16QAM	100	0	20.72	20.63	20.57		
20	64QAM	1	0	20.67	20.58	20.65	22	2
20	64QAM	1	49	20.69	20.66	20.60		
20	64QAM	1	99	20.70	20.71	20.56		
20	64QAM	50	0	20.77	20.72	20.83	21	3
20	64QAM	50	24	20.79	20.77	20.83		
20	64QAM	50	50	20.67	20.79	20.80		
20	64QAM	100	0	20.68	20.78	20.73		
20	256QAM	1	0	17.90	17.71	17.76	19	5
20	256QAM	1	49	17.89	17.73	17.80		
15	QPSK	36	39	21.64	21.62	21.53	23	1
15	QPSK	75	0	21.56	21.61	21.60		
15	16QAM	1	0	21.85	21.76	21.70	23	1
15	16QAM	1	37	21.90	21.79	21.94		
15	16QAM	1	74	21.78	21.86	21.73		
15	16QAM	36	0	20.63	20.56	20.57	22	2
15	16QAM	36	20	20.51	20.56	20.70		
15	16QAM	36	39	20.61	20.56	20.55		
15	16QAM	75	0	20.62	20.54	20.44		
15	64QAM	1	0	20.56	20.45	20.53	22	2
15	64QAM	1	37	20.55	20.63	20.56		
15	64QAM	1	74	20.64	20.67	20.45		
15	64QAM	36	0	20.72	20.68	20.76	21	3
15	64QAM	36	20	20.70	20.64	20.71		
15	64QAM	36	39	20.63	20.71	20.77		
15	64QAM	75	0	20.65	20.73	20.67		
15	256QAM	1	37	17.82	17.68	17.77	19	5
15	256QAM	1	74	17.78	17.82	17.67		
15	256QAM	36	0	17.70	17.82	17.75	19	5
15	256QAM	36	20	17.66	17.67	17.77		
15	256QAM	36	39	17.78	17.75	17.60		
15	256QAM	75	0	17.73	17.61	17.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.56	22.71	22.44	24	0
10	QPSK	1	25	22.60	22.54	22.50		
10	QPSK	1	49	22.48	22.44	22.70		
10	QPSK	25	0	21.61	21.74	21.64	23	1
10	QPSK	25	12	21.64	21.59	21.56		
10	QPSK	25	25	21.70	21.54	21.49		
10	QPSK	50	0	21.58	21.64	21.67		
10	16QAM	1	0	21.83	21.72	21.69	23	1
10	16QAM	1	25	21.86	21.82	21.88		
10	16QAM	1	49	21.85	21.96	21.69		
10	16QAM	25	0	20.56	20.62	20.57	22	2
10	16QAM	25	12	20.52	20.47	20.68		
10	16QAM	25	25	20.60	20.52	20.57		
10	16QAM	50	0	20.66	20.58	20.45		
10	64QAM	1	0	20.63	20.55	20.55	22	2
10	64QAM	1	25	20.66	20.59	20.56		
10	64QAM	1	49	20.58	20.60	20.45		
10	64QAM	25	0	20.75	20.62	20.74	21	3
10	64QAM	25	12	20.67	20.66	20.74		
10	64QAM	25	25	20.62	20.67	20.77		
10	64QAM	50	0	20.63	20.68	20.62		
10	256QAM	1	0	17.79	17.65	17.73	19	5
10	256QAM	1	25	17.83	17.61	17.76		
10	256QAM	1	49	17.87	17.75	17.63		
10	256QAM	25	0	17.67	17.91	17.71	19	5
10	256QAM	25	12	17.66	17.73	17.75		
10	256QAM	25	25	17.88	17.68	17.66		
10	256QAM	50	0	17.70	17.67	17.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.56	22.71	22.41	24	0
5	QPSK	1	12	22.70	22.59	22.43		
5	QPSK	1	24	22.44	22.49	22.69		
5	QPSK	12	0	21.65	21.71	21.55	23	1
5	QPSK	12	7	21.64	21.58	21.51		
5	QPSK	12	13	21.63	21.55	21.58		
5	QPSK	25	0	21.59	21.66	21.71		
5	16QAM	1	0	21.82	21.71	21.70	23	1
5	16QAM	1	12	21.87	21.86	21.89		
5	16QAM	1	24	21.86	21.91	21.69		
5	16QAM	12	0	20.59	20.60	20.52	22	2
5	16QAM	12	7	20.55	20.52	20.75		
5	16QAM	12	13	20.67	20.48	20.48		
5	16QAM	25	0	20.66	20.59	20.44		
5	64QAM	1	0	20.57	20.53	20.54	22	2
5	64QAM	1	12	20.56	20.52	20.52		
5	64QAM	1	24	20.64	20.57	20.52		
5	64QAM	12	0	20.72	20.60	20.70	21	3
5	64QAM	12	7	20.75	20.65	20.70		
5	64QAM	12	13	20.54	20.70	20.66		
5	64QAM	25	0	20.60	20.74	20.62		
5	256QAM	1	0	17.84	17.62	17.70	19	5
5	256QAM	1	12	17.76	17.63	17.68		
5	256QAM	1	24	17.79	17.78	17.70		
5	256QAM	12	0	17.69	17.90	17.69	19	5
5	256QAM	12	7	17.62	17.68	17.75		
5	256QAM	12	13	17.86	17.74	17.67		
5	256QAM	25	0	17.70	17.64	17.71		

Band 25 Ant 0 Full power

BW [MHz]	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	22.95	22.98	22.93	24	0
20	QPSK	1	49	22.83	22.84	22.78		
20	QPSK	1	99	22.94	22.94	22.92		
20	QPSK	50	0	22.03	22.17	21.97	23	1
20	QPSK	50	24	21.99	22.07	22.02		
20	QPSK	50	50	22.11	22.04	22.15		
20	QPSK	100	0	22.00	22.18	22.08		
20	16QAM	1	0	21.93	22.14	22.08	23	1
20	16QAM	1	49	21.94	21.98	22.13		
20	16QAM	1	99	21.98	22.00	22.05		
20	16QAM	50	0	21.09	21.01	20.92	22	2
20	16QAM	50	24	21.04	20.97	21.04		
20	16QAM	50	50	20.97	20.90	21.08		
20	16QAM	100	0	21.08	21.06	20.98		
20	64QAM	1	0	21.07	20.99	21.10	22	2
20	64QAM	1	49	21.02	21.07	21.04		
20	64QAM	1	99	20.90	20.93	20.98		
20	64QAM	50	0	20.01	20.04	19.97	21	3
20	64QAM	50	24	20.03	20.10	20.03		
20	64QAM	50	50	19.96	20.05	20.04		
20	64QAM	100	0	19.99	19.92	20.01		
20	256QAM	1	0	18.21	18.07	18.18	19	5
20	256QAM	1	49	18.20	18.05	18.20		
15	QPSK	36	39	21.99	21.96	22.11	23	1
15	QPSK	75	0	21.90	22.14	22.04		
15	16QAM	1	0	21.81	22.06	22.02	23	1
15	16QAM	1	37	21.82	21.86	22.06		
15	16QAM	1	74	21.87	21.88	21.95		
15	16QAM	36	0	21.06	20.94	20.84	22	2
15	16QAM	36	20	20.93	20.91	20.99		
15	16QAM	36	39	20.89	20.81	20.95		
15	16QAM	75	0	20.99	20.94	20.89		
15	64QAM	1	0	21.01	20.93	20.99	22	2
15	64QAM	1	37	20.95	20.98	21.01		
15	64QAM	1	74	20.79	20.90	20.87		
15	64QAM	36	0	19.96	19.95	19.91	21	3
15	64QAM	36	20	19.91	20.06	19.94		
15	64QAM	36	39	19.84	20.00	20.00		
15	64QAM	75	0	19.95	19.80	19.91		
15	256QAM	1	37	18.08	18.01	18.10	19	5
15	256QAM	1	74	17.98	18.07	17.91		
15	256QAM	36	0	17.98	18.14	17.99	19	5
15	256QAM	36	20	17.88	17.96	18.01		
15	256QAM	36	39	17.98	18.09	18.02		
15	256QAM	75	0	18.12	18.08	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.91	22.87	24	0
10	QPSK	1	25	22.76	22.76	22.72		
10	QPSK	1	49	22.83	22.83	22.88		
10	QPSK	25	0	21.96	22.12	21.86	23	1
10	QPSK	25	12	21.93	22.00	21.94		
10	QPSK	25	25	22.00	21.98	22.03		
10	QPSK	50	0	21.88	22.07	22.04		
10	16QAM	1	0	21.87	22.08	21.96	23	1
10	16QAM	1	25	21.87	21.94	22.02		
10	16QAM	1	49	21.89	21.89	21.92		
10	16QAM	25	0	21.05	20.93	20.83	22	2
10	16QAM	25	12	20.93	20.87	20.97		
10	16QAM	25	25	20.88	20.83	21.00		
10	16QAM	50	0	21.00	20.93	20.95		
10	64QAM	1	0	21.01	20.88	20.99	22	2
10	64QAM	1	25	20.97	21.00	20.95		
10	64QAM	1	49	20.86	20.89	20.90		
10	64QAM	25	0	19.91	19.99	19.84	21	3
10	64QAM	25	12	19.90	20.06	19.92		
10	64QAM	25	25	19.88	20.00	19.92		
10	64QAM	50	0	19.91	19.86	19.93		
10	256QAM	1	0	18.15	17.97	18.07	19	5
10	256QAM	1	25	18.07	17.97	18.12		
10	256QAM	1	49	17.93	18.04	17.97		
10	256QAM	25	0	17.91	18.17	17.93	19	5
10	256QAM	25	12	17.90	17.92	18.07		
10	256QAM	25	25	17.96	18.08	17.96		
10	256QAM	50	0	18.12	18.07	17.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.86	22.86	22.83	24	0
5	QPSK	1	12	22.74	22.76	22.71		
5	QPSK	1	24	22.86	22.84	22.85		
5	QPSK	12	0	21.96	22.11	21.89	23	1
5	QPSK	12	7	21.87	21.99	21.94		
5	QPSK	12	13	22.03	21.94	22.09		
5	QPSK	25	0	21.89	22.10	21.96		
5	16QAM	1	0	21.89	22.06	22.02	23	1
5	16QAM	1	12	21.87	21.94	22.06		
5	16QAM	1	24	21.90	21.90	22.01		
5	16QAM	12	0	21.02	20.90	20.82	22	2
5	16QAM	12	7	20.92	20.91	20.99		
5	16QAM	12	13	20.89	20.78	21.02		
5	16QAM	25	0	21.01	20.95	20.88		
5	64QAM	1	0	21.03	20.87	20.99	22	2
5	64QAM	1	12	20.92	21.01	20.95		
5	64QAM	1	24	20.84	20.80	20.93		
5	64QAM	12	0	19.95	19.96	19.88	21	3
5	64QAM	12	7	19.95	20.00	19.95		
5	64QAM	12	13	19.86	19.94	19.93		
5	64QAM	25	0	19.88	19.87	19.92		
5	256QAM	1	0	18.12	18.00	18.12	19	5
5	256QAM	1	12	18.16	17.99	18.08		
5	256QAM	1	24	17.96	18.01	17.91		
5	256QAM	12	0	17.98	18.12	17.96	19	5
5	256QAM	12	7	17.93	17.97	18.06		
5	256QAM	12	13	17.93	18.03	17.98		
5	256QAM	25	0	18.17	18.08	17.87		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.86	22.86	22.88	24	0
3	QPSK	1	8	22.80	22.79	22.74		
3	QPSK	1	14	22.87	22.86	22.89		
3	QPSK	8	0	21.98	22.08	21.87	23	1
3	QPSK	8	4	21.95	22.02	21.94		
3	QPSK	8	7	22.07	22.00	22.09		
3	QPSK	15	0	21.96	22.09	22.03		
3	16QAM	1	0	21.80	22.01	21.96	23	1
3	16QAM	1	8	21.82	21.93	22.00		
3	16QAM	1	14	21.86	21.89	22.00		
3	16QAM	8	0	20.97	20.92	20.81	22	2
3	16QAM	8	4	21.01	20.87	20.96		
3	16QAM	8	7	20.91	20.85	20.98		
3	16QAM	15	0	20.99	21.00	20.85		
3	64QAM	1	0	20.99	20.88	21.03	22	2
3	64QAM	1	8	20.93	21.02	21.01		
3	64QAM	1	14	20.77	20.89	20.91		
3	64QAM	8	0	19.89	19.97	19.86	21	3
3	64QAM	8	4	19.99	20.02	20.00		
3	64QAM	8	7	19.87	19.98	19.99		
3	64QAM	15	0	19.93	19.85	19.96		
3	256QAM	1	0	18.13	18.00	18.07	19	5
3	256QAM	1	8	18.16	17.96	18.10		
3	256QAM	1	14	17.99	18.10	17.97		
3	256QAM	8	0	17.99	18.14	17.93	19	5
3	256QAM	8	4	17.94	17.90	18.02		
3	256QAM	8	7	17.95	18.07	17.99		
3	256QAM	15	0	18.10	18.05	17.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.88	22.93	22.83	24	0
1.4	QPSK	1	3	22.76	22.74	22.72		
1.4	QPSK	1	5	22.85	22.81	22.79		
1.4	QPSK	3	0	21.94	22.11	21.91	23	1
1.4	QPSK	3	1	21.95	21.96	21.91		
1.4	QPSK	3	3	22.05	21.94	22.12		
1.4	QPSK	6	0	21.87	22.13	22.01		
1.4	16QAM	1	0	21.85	22.03	22.00	23	1
1.4	16QAM	1	3	21.86	21.90	22.05		
1.4	16QAM	1	5	21.90	21.93	22.01		
1.4	16QAM	3	0	21.03	20.98	20.89	22	2
1.4	16QAM	3	1	21.01	20.90	20.94		
1.4	16QAM	3	3	20.90	20.80	20.96		
1.4	16QAM	6	0	20.95	21.01	20.93		
1.4	64QAM	1	0	21.01	20.86	21.07	22	2
1.4	64QAM	1	3	20.99	21.04	20.96		
1.4	64QAM	1	5	20.81	20.84	20.93		
1.4	64QAM	3	0	19.95	19.98	19.94	21	3
1.4	64QAM	3	1	19.94	20.04	19.97		
1.4	64QAM	3	3	19.87	19.97	19.94		
1.4	64QAM	6	0	19.90	19.84	19.93		
1.4	256QAM	1	0	18.11	18.01	18.09	19	5
1.4	256QAM	1	3	18.10	17.97	18.13		
1.4	256QAM	1	5	17.99	18.02	17.92		
1.4	256QAM	3	0	17.92	18.17	17.95	19	5
1.4	256QAM	3	1	17.94	17.92	18.08		
1.4	256QAM	3	3	17.97	18.01	17.94		
1.4	256QAM	6	0	18.15	18.09	17.96		

Band 30 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.28		24	0
10	QPSK	1	25		23.15			
10	QPSK	1	49		23.26			
10	QPSK	25	0		22.36		23	1
10	QPSK	25	12		22.26			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.39		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.34		22	2
10	16QAM	25	12		21.32			
10	16QAM	25	25		21.13			
10	16QAM	50	0		21.37			
10	64QAM	1	0		21.54		22	2
10	64QAM	1	25		21.43			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.31		21	3
10	64QAM	25	12		20.23			
10	64QAM	25	25		20.20			
10	64QAM	50	0		20.34			
10	256QAM	1	0		18.47		19	5
10	256QAM	1	25		18.34			
5	QPSK	12	13	22.30	22.25	22.31	23	1
5	QPSK	25	0	22.24	22.22	22.24		
5	16QAM	1	0	22.34	22.35	22.29	23	1
5	16QAM	1	12	22.12	22.14	22.12		
5	16QAM	1	24	22.17	22.17	22.11		
5	16QAM	12	0	21.22	21.28	21.30	22	2
5	16QAM	12	7	21.22	21.21	21.26		
5	16QAM	12	13	21.09	21.00	21.07		
5	16QAM	25	0	21.26	21.31	21.29		
5	64QAM	1	0	21.48	21.44	21.42	22	2
5	64QAM	1	12	21.32	21.33	21.31		
5	64QAM	1	24	21.37	21.46	21.37		
5	64QAM	12	0	20.26	20.27	20.24	21	3
5	64QAM	12	7	20.14	20.13	20.15		
5	64QAM	12	13	20.15	20.17	20.08		
5	64QAM	25	0	20.27	20.31	20.29		
5	256QAM	1	12	18.24	18.25	18.23	19	5
5	256QAM	1	24	18.18	18.19	18.13		
5	256QAM	12	0	18.38	18.33	18.34	19	5
5	256QAM	12	7	18.26	18.30	18.25		
5	256QAM	12	13	18.30	18.22	18.22		
5	256QAM	25	0	18.37	18.35	18.31		

Band 66 Ant 0 Full power

BW [MHz]	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	23.18	23.19	23.02	24	0
20	QPSK	1	49	22.98	23.12	22.98		
20	QPSK	1	99	23.11	22.97	23.11		
20	QPSK	50	0	22.26	22.29	22.16	23	1
20	QPSK	50	24	22.18	22.13	22.28		
20	QPSK	50	50	22.26	22.12	22.24		
20	QPSK	100	0	21.99	22.17	22.12		
20	16QAM	1	0	22.02	22.02	22.17	23	1
20	16QAM	1	49	22.12	22.02	22.09		
20	16QAM	1	99	22.13	21.98	22.10		
20	16QAM	50	0	21.12	20.97	21.14	22	2
20	16QAM	50	24	21.12	20.98	20.96		
20	16QAM	50	50	21.10	20.98	21.01		
20	16QAM	100	0	21.10	21.04	20.96		
20	64QAM	1	0	21.13	21.05	20.95	22	2
20	64QAM	1	49	20.95	20.97	20.99		
20	64QAM	1	99	21.01	20.94	21.02		
20	64QAM	50	0	20.14	20.19	20.20	21	3
20	64QAM	50	24	20.15	20.25	20.02		
20	64QAM	50	50	20.05	20.04	20.11		
20	64QAM	100	0	20.11	20.17	20.15		
20	256QAM	1	0	18.32	18.20	18.15	19	5
20	256QAM	1	49	18.21	18.24	18.17		
15	QPSK	36	39	22.18	22.05	22.12	23	1
15	QPSK	75	0	21.91	22.05	22.08		
15	16QAM	1	0	21.92	21.98	22.05	23	1
15	16QAM	1	37	22.06	21.90	21.96		
15	16QAM	1	74	22.07	21.87	22.02		
15	16QAM	36	0	21.07	20.90	21.06	22	2
15	16QAM	36	20	21.00	20.90	20.83		
15	16QAM	36	39	21.02	20.85	20.93		
15	16QAM	75	0	20.98	20.93	20.92		
15	64QAM	1	0	21.09	20.95	20.82	22	2
15	64QAM	1	37	20.85	20.84	20.88		
15	64QAM	1	74	20.96	20.90	20.89		
15	64QAM	36	0	20.02	20.14	20.08	21	3
15	64QAM	36	20	20.07	20.15	19.89		
15	64QAM	36	39	19.99	19.98	20.05		
15	64QAM	75	0	20.07	20.05	20.05		
15	256QAM	1	37	18.17	18.19	18.11	19	5
15	256QAM	1	74	18.03	18.23	18.07		
15	256QAM	36	0	18.09	18.23	18.23	19	5
15	256QAM	36	20	18.16	18.19	18.13		
15	256QAM	36	39	18.29	18.19	18.07		
15	256QAM	75	0	18.16	18.30	18.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.01	22.91		
10	QPSK	1	49	23.07	22.86	23.03		
10	QPSK	25	0	22.14	22.21	22.07	23	1
10	QPSK	25	12	22.06	22.04	22.16		
10	QPSK	25	25	22.18	22.07	22.21		
10	QPSK	50	0	21.86	22.09	22.09		
10	16QAM	1	0	21.89	21.93	22.14	23	1
10	16QAM	1	25	22.04	21.96	21.96		
10	16QAM	1	49	22.08	21.88	21.98		
10	16QAM	25	0	21.07	20.85	21.09	22	2
10	16QAM	25	12	21.03	20.86	20.89		
10	16QAM	25	25	20.99	20.92	20.97		
10	16QAM	50	0	21.01	20.98	20.85		
10	64QAM	1	0	21.09	20.93	20.83	22	2
10	64QAM	1	25	20.85	20.93	20.88		
10	64QAM	1	49	20.89	20.91	20.94		
10	64QAM	25	0	20.06	20.16	20.14	21	3
10	64QAM	25	12	20.08	20.17	19.91		
10	64QAM	25	25	19.97	19.96	19.99		
10	64QAM	50	0	20.00	20.07	20.11		
10	256QAM	1	0	18.23	18.15	18.02	19	5
10	256QAM	1	25	18.12	18.14	18.13		
10	256QAM	1	49	18.06	18.20	18.07		
10	256QAM	25	0	18.15	18.25	18.20	19	5
10	256QAM	25	12	18.12	18.13	18.20		
10	256QAM	25	25	18.30	18.28	18.03		
10	256QAM	50	0	18.08	18.31	18.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.07	23.12	22.99	24	0
5	QPSK	1	12	22.87	23.03	22.90		
5	QPSK	1	24	23.01	22.87	23.06		
5	QPSK	12	0	22.16	22.17	22.12	23	1
5	QPSK	12	7	22.09	22.02	22.18		
5	QPSK	12	13	22.15	22.07	22.13		
5	QPSK	25	0	21.96	22.13	22.00		
5	16QAM	1	0	21.94	21.97	22.08	23	1
5	16QAM	1	12	22.04	21.95	22.03		
5	16QAM	1	24	22.05	21.86	22.03		
5	16QAM	12	0	21.06	20.91	21.03	22	2
5	16QAM	12	7	21.00	20.89	20.92		
5	16QAM	12	13	21.02	20.90	20.93		
5	16QAM	25	0	20.97	20.96	20.86		
5	64QAM	1	0	21.06	20.97	20.91	22	2
5	64QAM	1	12	20.83	20.84	20.87		
5	64QAM	1	24	20.90	20.86	20.96		
5	64QAM	12	0	20.10	20.10	20.16	21	3
5	64QAM	12	7	20.09	20.22	19.90		
5	64QAM	12	13	20.02	19.99	20.04		
5	64QAM	25	0	20.03	20.10	20.12		
5	256QAM	1	0	18.26	18.09	18.02	19	5
5	256QAM	1	12	18.13	18.16	18.06		
5	256QAM	1	24	18.07	18.29	18.15		
5	256QAM	12	0	18.12	18.28	18.17	19	5
5	256QAM	12	7	18.16	18.10	18.13		
5	256QAM	12	13	18.24	18.20	18.04		
5	256QAM	25	0	18.17	18.32	18.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.09	22.98	24	0
3	QPSK	1	8	22.88	23.08	22.92		
3	QPSK	1	14	23.07	22.85	23.05		
3	QPSK	8	0	22.16	22.23	22.10	23	1
3	QPSK	8	4	22.10	22.05	22.22		
3	QPSK	8	7	22.21	22.07	22.19		
3	QPSK	15	0	21.91	22.09	22.08		
3	16QAM	1	0	21.90	21.97	22.10	23	1
3	16QAM	1	8	22.08	21.91	22.01		
3	16QAM	1	14	22.09	21.93	22.05		
3	16QAM	8	0	21.00	20.84	21.04	22	2
3	16QAM	8	4	21.03	20.93	20.92		
3	16QAM	8	7	21.05	20.85	20.90		
3	16QAM	15	0	20.99	20.96	20.89		
3	64QAM	1	0	21.01	20.98	20.86	22	2
3	64QAM	1	8	20.91	20.86	20.90		
3	64QAM	1	14	20.93	20.88	20.91		
3	64QAM	8	0	20.10	20.08	20.11	21	3
3	64QAM	8	4	20.02	20.13	19.91		
3	64QAM	8	7	19.95	19.94	19.99		
3	64QAM	15	0	20.01	20.09	20.11		
3	256QAM	1	0	18.27	18.09	18.10	19	5
3	256QAM	1	8	18.10	18.19	18.08		
3	256QAM	1	14	18.00	18.20	18.10		
3	256QAM	8	0	18.08	18.24	18.17	19	5
3	256QAM	8	4	18.13	18.19	18.18		
3	256QAM	8	7	18.28	18.26	18.07		
3	256QAM	15	0	18.10	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.12	23.16	22.92	24	0
1.4	QPSK	1	3	22.91	23.07	22.89		
1.4	QPSK	1	5	22.98	22.88	23.00		
1.4	QPSK	3	0	22.21	22.25	22.12	23	1
1.4	QPSK	3	1	22.07	22.09	22.15		
1.4	QPSK	3	3	22.18	22.03	22.13		
1.4	QPSK	6	0	21.96	22.10	22.04		
1.4	16QAM	1	0	21.94	21.92	22.10	23	1
1.4	16QAM	1	3	22.02	21.89	21.97		
1.4	16QAM	1	5	22.02	21.85	21.99		
1.4	16QAM	3	0	20.99	20.93	21.07	22	2
1.4	16QAM	3	1	21.03	20.88	20.84		
1.4	16QAM	3	3	21.05	20.88	20.94		
1.4	16QAM	6	0	20.99	21.00	20.84		
1.4	64QAM	1	0	21.06	20.97	20.86	22	2
1.4	64QAM	1	3	20.83	20.86	20.92		
1.4	64QAM	1	5	20.96	20.88	20.91		
1.4	64QAM	3	0	20.09	20.08	20.11	21	3
1.4	64QAM	3	1	20.07	20.14	19.92		
1.4	64QAM	3	3	19.93	20.00	20.00		
1.4	64QAM	6	0	19.98	20.09	20.09		
1.4	256QAM	1	0	18.24	18.08	18.04	19	5
1.4	256QAM	1	3	18.09	18.19	18.07		
1.4	256QAM	1	5	18.06	18.21	18.10		
1.4	256QAM	3	0	18.08	18.26	18.17	19	5
1.4	256QAM	3	1	18.10	18.11	18.19		
1.4	256QAM	3	3	18.26	18.19	18.02		
1.4	256QAM	6	0	18.13	18.28	18.17		

LTE Band 38 Ant 0 Full power

BW [MHz]	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	23.70	23.71	23.66	24	0
20	QPSK	1	49	23.55	23.61	23.48		
20	QPSK	1	99	23.66	23.68	23.47		
20	QPSK	50	0	22.73	22.81	22.79	23	1
20	QPSK	50	24	22.61	22.67	22.63		
20	QPSK	50	50	22.62	22.73	22.68		
20	QPSK	100	0	22.67	22.76	22.69		
20	16QAM	1	0	22.77	22.58	22.77	23	1
20	16QAM	1	49	22.65	22.69	22.77		
20	16QAM	1	99	22.73	22.71	22.58		
20	16QAM	50	0	21.62	21.63	21.67	22	2
20	16QAM	50	24	21.71	21.71	21.76		
20	16QAM	50	50	21.86	21.77	21.66		
20	16QAM	100	0	21.65	21.70	21.69		
20	64QAM	1	0	21.74	21.76	21.65	22	2
20	64QAM	1	49	21.85	21.79	21.71		
20	64QAM	1	99	21.82	21.68	21.77		
20	64QAM	50	0	20.67	20.58	20.48	21	3
20	64QAM	50	24	20.49	20.53	20.63		
20	64QAM	50	50	20.60	20.47	20.52		
20	64QAM	100	0	20.53	20.55	20.53		
20	256QAM	1	0	18.54	18.63	18.66	19	5
20	256QAM	1	49	18.61	18.54	18.49		
15	QPSK	36	39	22.49	22.66	22.64	23	1
15	QPSK	75	0	22.59	22.65	22.59		
15	16QAM	1	0	22.66	22.45	22.67	23	1
15	16QAM	1	37	22.53	22.62	22.69		
15	16QAM	1	74	22.61	22.67	22.52		
15	16QAM	36	0	21.56	21.51	21.59	22	2
15	16QAM	36	20	21.66	21.68	21.64		
15	16QAM	36	39	21.82	21.67	21.62		
15	16QAM	75	0	21.54	21.61	21.60		
15	64QAM	1	0	21.65	21.72	21.61	22	2
15	64QAM	1	37	21.76	21.70	21.61		
15	64QAM	1	74	21.75	21.59	21.68		
15	64QAM	36	0	20.56	20.48	20.45	21	3
15	64QAM	36	20	20.43	20.41	20.56		
15	64QAM	36	39	20.52	20.38	20.43		
15	64QAM	75	0	20.41	20.45	20.48		
15	256QAM	1	37	18.50	18.46	18.39	19	5
15	256QAM	1	74	18.40	18.49	18.45		
15	256QAM	36	0	18.52	18.59	18.40	19	5
15	256QAM	36	20	18.49	18.41	18.45		
15	256QAM	36	39	18.38	18.37	18.42		
15	256QAM	75	0	18.61	18.53	18.40		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.60	23.68	23.59	24	0
10	QPSK	1	25	23.47	23.52	23.42		
10	QPSK	1	49	23.58	23.58	23.36		
10	QPSK	25	0	22.60	22.73	22.66	23	1
10	QPSK	25	12	22.51	22.61	22.58		
10	QPSK	25	25	22.58	22.67	22.55		
10	QPSK	50	0	22.64	22.71	22.59		
10	16QAM	1	0	22.73	22.49	22.68	23	1
10	16QAM	1	25	22.53	22.57	22.66		
10	16QAM	1	49	22.67	22.66	22.53		
10	16QAM	25	0	21.55	21.51	21.56	22	2
10	16QAM	25	12	21.59	21.66	21.67		
10	16QAM	25	25	21.74	21.65	21.61		
10	16QAM	50	0	21.56	21.67	21.56		
10	64QAM	1	0	21.62	21.68	21.52	22	2
10	64QAM	1	25	21.77	21.66	21.58		
10	64QAM	1	49	21.73	21.63	21.72		
10	64QAM	25	0	20.62	20.52	20.43	21	3
10	64QAM	25	12	20.39	20.42	20.50		
10	64QAM	25	25	20.50	20.41	20.40		
10	64QAM	50	0	20.44	20.50	20.43		
10	256QAM	1	0	18.44	18.53	18.54	19	5
10	256QAM	1	25	18.56	18.45	18.43		
10	256QAM	1	49	18.48	18.43	18.40		
10	256QAM	25	0	18.50	18.57	18.42	19	5
10	256QAM	25	12	18.45	18.45	18.45		
10	256QAM	25	25	18.43	18.36	18.42		
10	256QAM	50	0	18.61	18.51	18.38		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.59	23.68	23.53	24	0
5	QPSK	1	12	23.46	23.55	23.40		
5	QPSK	1	24	23.53	23.55	23.42		
5	QPSK	12	0	22.68	22.77	22.69	23	1
5	QPSK	12	7	22.54	22.62	22.59		
5	QPSK	12	13	22.58	22.69	22.61		
5	QPSK	25	0	22.55	22.72	22.60		
5	16QAM	1	0	22.66	22.46	22.66	23	1
5	16QAM	1	12	22.54	22.58	22.68		
5	16QAM	1	24	22.62	22.58	22.53		
5	16QAM	12	0	21.52	21.51	21.63	22	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.74	21.67	21.59		
5	16QAM	25	0	21.53	21.67	21.65		
5	64QAM	1	0	21.69	21.71	21.62	22	2
5	64QAM	1	12	21.74	21.67	21.59		
5	64QAM	1	24	21.74	21.64	21.68		
5	64QAM	12	0	20.57	20.53	20.45	21	3
5	64QAM	12	7	20.44	20.49	20.53		
5	64QAM	12	13	20.49	20.37	20.43		
5	64QAM	25	0	20.49	20.42	20.45		
5	256QAM	1	0	18.41	18.56	18.57	19	5
5	256QAM	1	12	18.52	18.47	18.41		
5	256QAM	1	24	18.42	18.42	18.38		
5	256QAM	12	0	18.55	18.53	18.40	19	5
5	256QAM	12	7	18.51	18.44	18.53		
5	256QAM	12	13	18.43	18.39	18.45		
5	256QAM	25	0	18.57	18.52	18.41		

LTE Band 41 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. /	Power Middle Ch. / Freq.	Power High Middle Ch. /	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	23.52	23.69	23.72	23.67	23.66	24	0
20	QPSK	1	49	23.47	23.58	23.66	23.54	23.51		
20	QPSK	1	99	23.40	23.64	23.63	23.59	23.53		
20	QPSK	50	0	22.45	22.59	22.68	22.65	22.55	23	1
20	QPSK	50	24	22.33	22.48	22.50	22.48	22.51		
20	QPSK	50	50	22.39	22.47	22.50	22.47	22.44		
20	QPSK	100	0	22.45	22.56	22.67	22.60	22.56		
20	16QAM	1	0	22.40	22.48	22.54	22.50	22.44	23	1
20	16QAM	1	49	22.28	22.41	22.44	22.45	22.37		
20	16QAM	1	99	22.26	22.36	22.39	22.38	22.43		
20	16QAM	50	0	21.59	21.69	21.81	21.71	21.74	22	2
20	16QAM	50	24	21.47	21.69	21.73	21.62	21.56		
20	16QAM	50	50	21.47	21.60	21.62	21.61	21.58		
20	16QAM	100	0	21.47	21.63	21.70	21.59	21.57		
20	64QAM	1	0	21.57	21.68	21.79	21.75	21.70	22	2
20	64QAM	1	49	21.47	21.56	21.62	21.59	21.63		
20	64QAM	1	99	21.44	21.59	21.60	21.55	21.58		
20	64QAM	50	0	20.67	20.58	20.48	20.33	20.18	21	3
20	64QAM	50	24	20.49	20.53	20.63	20.58	20.44		
20	64QAM	50	50	20.60	20.47	20.52	20.38	20.28		
20	64QAM	100	0	20.53	20.55	20.53	20.43	20.33		
20	256QAM	1	0	18.54	18.63	18.66	18.60	18.53	19	5
20	256QAM	1	49	18.61	18.54	18.49	18.35	18.21		
15	QPSK	36	39	22.29	22.43	22.44	22.41	22.39	23	1
15	QPSK	75	0	22.36	22.48	22.63	22.54	22.45		
15	16QAM	1	0	22.28	22.38	22.49	22.46	22.39	23	1
15	16QAM	1	37	22.19	22.28	22.34	22.35	22.29		
15	16QAM	1	74	22.21	22.33	22.36	22.33	22.34		
15	16QAM	36	0	21.49	21.63	21.68	21.61	21.66	22	2
15	16QAM	36	20	21.44	21.57	21.60	21.56	21.49		
15	16QAM	36	39	21.35	21.52	21.55	21.51	21.54		
15	16QAM	75	0	21.43	21.54	21.65	21.46	21.49		
15	64QAM	1	0	21.52	21.58	21.74	21.63	21.61	22	2
15	64QAM	1	37	21.43	21.43	21.51	21.48	21.56		
15	64QAM	1	74	21.32	21.53	21.49	21.42	21.53		
15	64QAM	36	0	20.60	20.46	20.41	20.26	20.16	21	3
15	64QAM	36	20	20.43	20.45	20.57	20.48	20.35		
15	64QAM	36	39	20.53	20.41	20.47	20.25	20.15		
15	64QAM	75	0	20.42	20.48	20.49	20.34	20.25		
15	256QAM	1	37	18.48	18.44	18.41	18.31	18.20	19	5
15	256QAM	1	74	18.47	18.43	18.41	18.34	18.20		
15	256QAM	36	0	18.56	18.54	18.43	18.32	18.13	19	5
15	256QAM	36	20	18.48	18.45	18.45	18.43	18.32		
15	256QAM	36	39	18.39	18.39	18.43	18.33	18.28		
15	256QAM	75	0	18.64	18.47	18.43	18.33	18.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.42	23.62	23.62	23.61	23.55	24.00	0
10	QPSK	1	25	23.35	23.49	23.63	23.51	23.48		
10	QPSK	1	49	23.30	23.54	23.55	23.48	23.41		
10	QPSK	25	0	22.35	22.54	22.65	22.57	22.49	23	1
10	QPSK	25	12	22.29	22.38	22.39	22.38	22.45		
10	QPSK	25	25	22.36	22.35	22.44	22.35	22.38		
10	QPSK	50	0	22.39	22.45	22.58	22.51	22.48		
10	16QAM	1	0	22.37	22.39	22.45	22.46	22.40	23	1
10	16QAM	1	25	22.20	22.35	22.40	22.35	22.34		
10	16QAM	1	49	22.20	22.25	22.35	22.28	22.36		
10	16QAM	25	0	21.54	21.57	21.72	21.64	21.70	22	2
10	16QAM	25	12	21.40	21.61	21.67	21.55	21.48		
10	16QAM	25	25	21.40	21.57	21.55	21.52	21.49		
10	16QAM	50	0	21.35	21.52	21.64	21.55	21.46		
10	64QAM	1	0	21.53	21.63	21.75	21.64	21.59	22	2
10	64QAM	1	25	21.43	21.53	21.51	21.50	21.53		
10	64QAM	1	49	21.37	21.47	21.56	21.45	21.46		
10	64QAM	25	0	20.60	20.46	20.36	20.23	20.15	21	3
10	64QAM	25	12	20.36	20.45	20.60	20.52	20.36		
10	64QAM	25	25	20.49	20.39	20.45	20.27	20.20		
10	64QAM	50	0	20.49	20.46	20.48	20.37	20.23		
10	256QAM	1	0	18.48	18.58	18.63	18.49	18.45	19	5
10	256QAM	1	25	18.49	18.49	18.37	18.31	18.13		
10	256QAM	1	49	18.46	18.45	18.40	18.36	18.23		
10	256QAM	25	0	18.54	18.54	18.40	18.33	18.19	19	5
10	256QAM	25	12	18.50	18.36	18.48	18.45	18.34		
10	256QAM	25	25	18.44	18.40	18.38	18.26	18.21		
10	256QAM	50	0	18.57	18.50	18.45	18.27	18.25		
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	23.41	23.65	23.67	23.56	23.55	24.00	0
5	QPSK	1	12	23.34	23.55	23.61	23.41	23.41		
5	QPSK	1	24	23.29	23.57	23.52	23.47	23.44		
5	QPSK	12	0	22.36	22.55	22.60	22.57	22.51	23	1
5	QPSK	12	7	22.24	22.37	22.38	22.42	22.39		
5	QPSK	12	13	22.28	22.35	22.42	22.40	22.38		
5	QPSK	25	0	22.32	22.50	22.63	22.54	22.45		
5	16QAM	1	0	22.27	22.41	22.46	22.42	22.32	23	1
5	16QAM	1	12	22.17	22.31	22.41	22.34	22.30		
5	16QAM	1	24	22.16	22.25	22.36	22.28	22.37		
5	16QAM	12	0	21.56	21.59	21.69	21.67	21.68	22	2
5	16QAM	12	7	21.43	21.60	21.70	21.54	21.43		
5	16QAM	12	13	21.36	21.47	21.55	21.54	21.49		
5	16QAM	25	0	21.36	21.55	21.57	21.54	21.49		
5	64QAM	1	0	21.49	21.57	21.74	21.65	21.64	22	2
5	64QAM	1	12	21.41	21.48	21.56	21.52	21.51		
5	64QAM	1	24	21.39	21.52	21.49	21.51	21.54		
5	64QAM	12	0	20.63	20.53	20.38	20.23	20.15	21	3
5	64QAM	12	7	20.42	20.48	20.59	20.55	20.38		
5	64QAM	12	13	20.51	20.36	20.46	20.27	20.18		
5	64QAM	25	0	20.50	20.46	20.48	20.36	20.28		
5	256QAM	1	0	18.46	18.52	18.57	18.52	18.42	19	5
5	256QAM	1	12	18.55	18.45	18.36	18.28	18.15		
5	256QAM	1	24	18.47	18.42	18.46	18.33	18.23		
5	256QAM	12	0	18.53	18.57	18.40	18.33	18.21	19	5
5	256QAM	12	7	18.47	18.36	18.48	18.38	18.34		
5	256QAM	12	13	18.44	18.39	18.41	18.30	18.24		
5	256QAM	25	0	18.62	18.48	18.45	18.25	18.16		

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.35	23.40	23.27	24.50	23.45	23.54	23.51	24.50	23.90	23.92	23.84	24.50
3GPP Rel 99	RMC 12.2Kbps	23.38	23.42	23.29	24.50	23.49	23.56	23.53	24.50	23.92	23.96	23.86	24.50
3GPP Rel 6	HSDPA Subtest-1	22.46	22.53	22.30	23.50	22.47	22.56	22.42	23.50	22.92	22.85	22.89	23.50
3GPP Rel 6	HSDPA Subtest-2	22.40	22.41	22.27	23.50	22.38	22.52	22.56	23.50	22.96	22.85	22.96	23.50
3GPP Rel 6	HSDPA Subtest-3	21.81	22.00	21.84	23.00	21.96	22.06	21.96	23.00	22.30	22.58	22.27	23.00
3GPP Rel 6	HSDPA Subtest-4	22.00	21.82	21.88	23.00	21.91	22.08	22.04	23.00	22.34	22.41	22.28	23.00
3GPP Rel 6	HSUPA Subtest-1	22.40	22.42	22.35	23.50	22.50	22.65	22.47	23.50	23.01	23.03	22.81	23.50
3GPP Rel 6	HSUPA Subtest-2	20.44	20.39	20.27	21.50	20.39	20.40	20.26	21.50	21.01	20.87	20.74	21.50
3GPP Rel 6	HSUPA Subtest-3	21.41	21.45	21.19	22.50	21.54	21.47	21.50	22.50	21.51	21.52	21.44	22.50
3GPP Rel 6	HSUPA Subtest-4	20.30	20.31	20.36	21.50	20.33	20.44	20.33	21.50	20.97	20.86	20.79	21.50
3GPP Rel 6	HSUPA Subtest-5	22.47	22.46	22.26	23.50	22.58	22.54	22.58	23.50	22.95	22.90	22.83	23.50

Band 2 Ant 1 Full power

BW [MHz]	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	23.29	23.33	23.23	24	0
20	QPSK	1	49	23.05	23.19	23.10		
20	QPSK	1	99	23.25	23.11	23.00		
20	QPSK	50	0	22.31	22.37	22.35	23	1
20	QPSK	50	24	22.23	22.26	22.31		
20	QPSK	50	50	22.22	22.18	22.21		
20	QPSK	100	0	22.26	22.41	22.13		
20	16QAM	1	0	22.23	22.14	22.18	23	1
20	16QAM	1	49	22.29	22.20	22.31		
20	16QAM	1	99	22.02	22.12	22.16		
20	16QAM	50	0	21.25	21.26	21.23	22	2
20	16QAM	50	24	21.31	21.08	21.28		
20	16QAM	50	50	21.17	21.04	21.17		
20	16QAM	100	0	21.23	21.06	21.25		
20	64QAM	1	0	21.16	21.09	21.26	22	2
20	64QAM	1	49	21.07	21.14	21.16		
20	64QAM	1	99	21.18	21.26	21.15		
20	64QAM	50	0	20.39	20.34	20.49	21	3
20	64QAM	50	24	20.42	20.37	20.37		
20	64QAM	50	50	20.25	20.15	20.48		
20	64QAM	100	0	20.32	20.38	20.44		
20	256QAM	1	0	18.34	18.16	18.22	19	5
20	256QAM	1	49	18.30	17.94	18.11		
15	QPSK	36	39	22.16	22.10	22.11	23	1
15	QPSK	75	0	22.19	22.32	22.09		
15	16QAM	1	0	22.17	22.09	22.12	23	1
15	16QAM	1	37	22.22	22.12	22.19		
15	16QAM	1	74	21.97	22.05	22.12		
15	16QAM	36	0	21.19	21.15	21.16	22	2
15	16QAM	36	20	21.23	21.03	21.21		
15	16QAM	36	39	21.04	20.93	21.11		
15	16QAM	75	0	21.11	21.00	21.17		
15	64QAM	1	0	21.12	21.02	21.23	22	2
15	64QAM	1	37	21.03	21.02	21.09		
15	64QAM	1	74	21.07	21.17	21.09		
15	64QAM	36	0	20.27	20.28	20.44	21	3
15	64QAM	36	20	20.33	20.32	20.33		
15	64QAM	36	39	20.14	20.10	20.44		
15	64QAM	75	0	20.20	20.34	20.39		
15	256QAM	1	37	18.21	17.81	18.01	19	5
15	256QAM	1	74	17.99	18.05	18.09		
15	256QAM	36	0	18.17	18.13	18.17	19	5
15	256QAM	36	20	18.09	17.98	18.04		
15	256QAM	36	39	18.12	18.00	18.04		
15	256QAM	75	0	18.16	18.15	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.25	23.16	24	0
10	QPSK	1	25	23.00	23.07	23.05		
10	QPSK	1	49	23.20	23.05	22.93		
10	QPSK	25	0	22.27	22.32	22.24	23	1
10	QPSK	25	12	22.15	22.18	22.27		
10	QPSK	25	25	22.13	22.06	22.14		
10	QPSK	50	0	22.19	22.35	22.07		
10	16QAM	1	0	22.14	22.02	22.14	23	1
10	16QAM	1	25	22.21	22.11	22.21		
10	16QAM	1	49	21.92	22.02	22.09		
10	16QAM	25	0	21.16	21.22	21.13	22	2
10	16QAM	25	12	21.18	21.05	21.17		
10	16QAM	25	25	21.14	20.94	21.08		
10	16QAM	50	0	21.11	20.93	21.18		
10	64QAM	1	0	21.04	20.98	21.13	22	2
10	64QAM	1	25	21.00	21.06	21.07		
10	64QAM	1	49	21.14	21.17	21.10		
10	64QAM	25	0	20.35	20.24	20.38	21	3
10	64QAM	25	12	20.31	20.29	20.24		
10	64QAM	25	25	20.17	20.03	20.43		
10	64QAM	50	0	20.23	20.27	20.37		
10	256QAM	1	0	18.22	18.11	18.13	19	5
10	256QAM	1	25	18.21	17.88	18.04		
10	256QAM	1	49	17.97	18.08	18.13		
10	256QAM	25	0	18.17	18.14	18.17	19	5
10	256QAM	25	12	18.13	17.96	18.03		
10	256QAM	25	25	18.13	18.08	18.09		
10	256QAM	50	0	18.23	18.18	18.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.25	23.10	24	0
5	QPSK	1	12	22.93	23.09	23.04		
5	QPSK	1	24	23.14	22.98	22.95		
5	QPSK	12	0	22.28	22.27	22.24	23	1
5	QPSK	12	7	22.18	22.15	22.18		
5	QPSK	12	13	22.15	22.11	22.09		
5	QPSK	25	0	22.21	22.29	22.08		
5	16QAM	1	0	22.12	22.10	22.06	23	1
5	16QAM	1	12	22.16	22.15	22.27		
5	16QAM	1	24	21.94	22.00	22.03		
5	16QAM	12	0	21.19	21.14	21.16	22	2
5	16QAM	12	7	21.21	21.02	21.20		
5	16QAM	12	13	21.09	20.97	21.11		
5	16QAM	25	0	21.15	20.96	21.17		
5	64QAM	1	0	21.08	21.05	21.19	22	2
5	64QAM	1	12	21.03	21.06	21.10		
5	64QAM	1	24	21.10	21.14	21.11		
5	64QAM	12	0	20.28	20.24	20.38	21	3
5	64QAM	12	7	20.38	20.28	20.31		
5	64QAM	12	13	20.13	20.12	20.39		
5	64QAM	25	0	20.27	20.34	20.41		
5	256QAM	1	0	18.27	18.08	18.17	19	5
5	256QAM	1	12	18.19	17.84	18.07		
5	256QAM	1	24	18.00	18.07	18.10		
5	256QAM	12	0	18.20	18.13	18.21	19	5
5	256QAM	12	7	18.09	18.02	17.99		
5	256QAM	12	13	18.08	18.07	18.02		
5	256QAM	25	0	18.20	18.11	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.24	23.22	23.12	24	0
3	QPSK	1	8	22.94	23.07	23.05		
3	QPSK	1	14	23.16	23.07	22.93		
3	QPSK	8	0	22.24	22.26	22.32	23	1
3	QPSK	8	4	22.11	22.16	22.22		
3	QPSK	8	7	22.13	22.10	22.15		
3	QPSK	15	0	22.18	22.37	22.01		
3	16QAM	1	0	22.13	22.09	22.07	23	1
3	16QAM	1	8	22.20	22.13	22.19		
3	16QAM	1	14	21.89	22.02	22.10		
3	16QAM	8	0	21.19	21.20	21.12	22	2
3	16QAM	8	4	21.22	20.99	21.24		
3	16QAM	8	7	21.09	20.97	21.09		
3	16QAM	15	0	21.16	20.97	21.15		
3	64QAM	1	0	21.08	20.98	21.22	22	2
3	64QAM	1	8	21.00	21.11	21.07		
3	64QAM	1	14	21.11	21.21	21.06		
3	64QAM	8	0	20.26	20.22	20.45	21	3
3	64QAM	8	4	20.33	20.31	20.24		
3	64QAM	8	7	20.15	20.03	20.43		
3	64QAM	15	0	20.28	20.28	20.41		
3	256QAM	1	0	18.29	18.13	18.14	19	5
3	256QAM	1	8	18.18	17.87	18.06		
3	256QAM	1	14	17.94	18.06	18.06		
3	256QAM	8	0	18.18	18.13	18.17	19	5
3	256QAM	8	4	18.16	18.04	18.04		
3	256QAM	8	7	18.14	18.04	18.06		
3	256QAM	15	0	18.22	18.16	18.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.23	23.22	23.14	24	0
1.4	QPSK	1	3	22.94	23.09	23.06		
1.4	QPSK	1	5	23.21	23.01	22.94		
1.4	QPSK	3	0	22.19	22.29	22.26	23	1
1.4	QPSK	3	1	22.14	22.15	22.23		
1.4	QPSK	3	3	22.15	22.11	22.14		
1.4	QPSK	6	0	22.21	22.31	22.01		
1.4	16QAM	1	0	22.19	22.01	22.10	23	1
1.4	16QAM	1	3	22.18	22.15	22.21		
1.4	16QAM	1	5	21.96	22.04	22.08		
1.4	16QAM	3	0	21.12	21.22	21.11	22	2
1.4	16QAM	3	1	21.20	21.03	21.21		
1.4	16QAM	3	3	21.09	21.01	21.11		
1.4	16QAM	6	0	21.18	20.95	21.14		
1.4	64QAM	1	0	21.10	21.03	21.22	22	2
1.4	64QAM	1	3	21.02	21.03	21.07		
1.4	64QAM	1	5	21.14	21.23	21.04		
1.4	64QAM	3	0	20.33	20.28	20.41	21	3
1.4	64QAM	3	1	20.31	20.32	20.28		
1.4	64QAM	3	3	20.19	20.11	20.40		
1.4	64QAM	6	0	20.27	20.35	20.40		
1.4	256QAM	1	0	18.28	18.08	18.10	19	5
1.4	256QAM	1	3	18.20	17.82	18.06		
1.4	256QAM	1	5	18.01	18.02	18.15		
1.4	256QAM	3	0	18.16	18.10	18.22	19	5
1.4	256QAM	3	1	18.16	17.95	17.98		
1.4	256QAM	3	3	18.15	18.02	18.10		
1.4	256QAM	6	0	18.17	18.16	18.16		

Band 4 Ant 1 Full power

BW [MHz]	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	23.52	23.57	23.51	24	0
20	QPSK	1	49	23.30	23.46	23.37		
20	QPSK	1	99	23.49	23.33	23.40		
20	QPSK	50	0	22.58	22.59	22.55	23	1
20	QPSK	50	24	22.33	22.35	22.49		
20	QPSK	50	50	22.56	22.33	22.50		
20	QPSK	100	0	22.51	22.54	22.49		
20	16QAM	1	0	22.50	22.42	22.41	23	1
20	16QAM	1	49	22.37	22.40	22.47		
20	16QAM	1	99	22.43	22.52	22.38		
20	16QAM	50	0	21.58	21.35	21.54	22	2
20	16QAM	50	24	21.57	21.36	21.39		
20	16QAM	50	50	21.47	21.42	21.55		
20	16QAM	100	0	21.47	21.29	21.36		
20	64QAM	1	0	21.54	21.44	21.50	22	2
20	64QAM	1	49	21.37	21.33	21.46		
20	64QAM	1	99	21.38	21.41	21.55		
20	64QAM	50	0	20.53	20.53	20.66	21	3
20	64QAM	50	24	20.67	20.58	20.51		
20	64QAM	50	50	20.56	20.36	20.50		
20	64QAM	100	0	20.69	20.58	20.56		
20	256QAM	1	0	18.46	18.21	18.30	19	5
20	256QAM	1	49	18.44	18.33	18.19		
15	QPSK	36	39	22.52	22.25	22.37	23	1
15	QPSK	75	0	22.44	22.48	22.43		
15	16QAM	1	0	22.40	22.31	22.37	23	1
15	16QAM	1	37	22.26	22.30	22.39		
15	16QAM	1	74	22.32	22.42	22.31		
15	16QAM	36	0	21.46	21.30	21.48	22	2
15	16QAM	36	20	21.44	21.32	21.30		
15	16QAM	36	39	21.35	21.35	21.46		
15	16QAM	75	0	21.37	21.20	21.27		
15	64QAM	1	0	21.47	21.40	21.41	22	2
15	64QAM	1	37	21.28	21.25	21.41		
15	64QAM	1	74	21.27	21.32	21.51		
15	64QAM	36	0	20.47	20.44	20.61	21	3
15	64QAM	36	20	20.58	20.51	20.48		
15	64QAM	36	39	20.44	20.32	20.42		
15	64QAM	75	0	20.62	20.46	20.45		
15	256QAM	1	37	18.33	18.25	18.07	19	5
15	256QAM	1	74	18.06	18.33	18.33		
15	256QAM	36	0	18.23	18.13	18.39	19	5
15	256QAM	36	20	18.37	18.28	18.42		
15	256QAM	36	39	18.29	18.41	18.23		
15	256QAM	75	0	18.34	18.25	18.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.40	23.50	23.39	24	0
10	QPSK	1	25	23.24	23.41	23.29		
10	QPSK	1	49	23.42	23.21	23.35		
10	QPSK	25	0	22.48	22.53	22.51	23	1
10	QPSK	25	12	22.26	22.29	22.37		
10	QPSK	25	25	22.50	22.29	22.38		
10	QPSK	50	0	22.44	22.48	22.40		
10	16QAM	1	0	22.43	22.34	22.32	23	1
10	16QAM	1	25	22.33	22.35	22.42		
10	16QAM	1	49	22.37	22.40	22.27		
10	16QAM	25	0	21.51	21.30	21.42	22	2
10	16QAM	25	12	21.47	21.26	21.33		
10	16QAM	25	25	21.36	21.33	21.50		
10	16QAM	50	0	21.41	21.18	21.24		
10	64QAM	1	0	21.43	21.31	21.40	22	2
10	64QAM	1	25	21.31	21.24	21.39		
10	64QAM	1	49	21.31	21.34	21.45		
10	64QAM	25	0	20.46	20.45	20.59	21	3
10	64QAM	25	12	20.59	20.47	20.39		
10	64QAM	25	25	20.48	20.27	20.38		
10	64QAM	50	0	20.61	20.53	20.49		
10	256QAM	1	0	18.36	18.13	18.21	19	5
10	256QAM	1	25	18.33	18.24	18.13		
10	256QAM	1	49	18.12	18.34	18.34		
10	256QAM	25	0	18.16	18.17	18.33	19	5
10	256QAM	25	12	18.34	18.32	18.44		
10	256QAM	25	25	18.32	18.46	18.25		
10	256QAM	50	0	18.31	18.22	18.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.39	23.54	23.40	24	0
5	QPSK	1	12	23.18	23.41	23.25		
5	QPSK	1	24	23.44	23.23	23.27		
5	QPSK	12	0	22.52	22.51	22.43	23	1
5	QPSK	12	7	22.26	22.24	22.37		
5	QPSK	12	13	22.47	22.29	22.46		
5	QPSK	25	0	22.47	22.45	22.46		
5	16QAM	1	0	22.43	22.33	22.35	23	1
5	16QAM	1	12	22.28	22.36	22.34		
5	16QAM	1	24	22.38	22.49	22.32		
5	16QAM	12	0	21.51	21.23	21.50	22	2
5	16QAM	12	7	21.50	21.24	21.27		
5	16QAM	12	13	21.35	21.30	21.48		
5	16QAM	25	0	21.34	21.18	21.32		
5	64QAM	1	0	21.44	21.39	21.45	22	2
5	64QAM	1	12	21.24	21.24	21.43		
5	64QAM	1	24	21.33	21.35	21.45		
5	64QAM	12	0	20.49	20.50	20.60	21	3
5	64QAM	12	7	20.56	20.54	20.44		
5	64QAM	12	13	20.44	20.27	20.41		
5	64QAM	25	0	20.63	20.55	20.53		
5	256QAM	1	0	18.43	18.18	18.20	19	5
5	256QAM	1	12	18.32	18.21	18.08		
5	256QAM	1	24	18.09	18.35	18.37		
5	256QAM	12	0	18.25	18.09	18.37	19	5
5	256QAM	12	7	18.35	18.33	18.43		
5	256QAM	12	13	18.35	18.39	18.17		
5	256QAM	25	0	18.32	18.25	18.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.53	23.46	24	0
3	QPSK	1	8	23.26	23.36	23.33		
3	QPSK	1	14	23.43	23.22	23.30		
3	QPSK	8	0	22.49	22.48	22.51	23	1
3	QPSK	8	4	22.26	22.26	22.36		
3	QPSK	8	7	22.50	22.29	22.44		
3	QPSK	15	0	22.43	22.43	22.43		
3	16QAM	1	0	22.43	22.32	22.34	23	1
3	16QAM	1	8	22.27	22.30	22.43		
3	16QAM	1	14	22.38	22.39	22.26		
3	16QAM	8	0	21.51	21.27	21.47	22	2
3	16QAM	8	4	21.45	21.31	21.26		
3	16QAM	8	7	21.36	21.32	21.47		
3	16QAM	15	0	21.41	21.24	21.30		
3	64QAM	1	0	21.48	21.32	21.45	22	2
3	64QAM	1	8	21.29	21.28	21.36		
3	64QAM	1	14	21.30	21.30	21.52		
3	64QAM	8	0	20.47	20.46	20.57	21	3
3	64QAM	8	4	20.56	20.49	20.44		
3	64QAM	8	7	20.50	20.31	20.40		
3	64QAM	15	0	20.57	20.54	20.48		
3	256QAM	1	0	18.41	18.12	18.18	19	5
3	256QAM	1	8	18.34	18.29	18.12		
3	256QAM	1	14	18.07	18.35	18.30		
3	256QAM	8	0	18.23	18.18	18.32	19	5
3	256QAM	8	4	18.34	18.30	18.38		
3	256QAM	8	7	18.33	18.44	18.19		
3	256QAM	15	0	18.26	18.28	18.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.46	23.43	24	0
1.4	QPSK	1	3	23.23	23.39	23.29		
1.4	QPSK	1	5	23.40	23.21	23.33		
1.4	QPSK	3	0	22.45	22.46	22.51	23	1
1.4	QPSK	3	1	22.26	22.29	22.38		
1.4	QPSK	3	3	22.48	22.24	22.40		
1.4	QPSK	6	0	22.39	22.46	22.45		
1.4	16QAM	1	0	22.42	22.31	22.35	23	1
1.4	16QAM	1	3	22.28	22.28	22.34		
1.4	16QAM	1	5	22.39	22.48	22.26		
1.4	16QAM	3	0	21.46	21.23	21.45	22	2
1.4	16QAM	3	1	21.48	21.33	21.31		
1.4	16QAM	3	3	21.38	21.38	21.51		
1.4	16QAM	6	0	21.36	21.16	21.26		
1.4	64QAM	1	0	21.43	21.38	21.40	22	2
1.4	64QAM	1	3	21.33	21.26	21.42		
1.4	64QAM	1	5	21.31	21.30	21.44		
1.4	64QAM	3	0	20.42	20.44	20.58	21	3
1.4	64QAM	3	1	20.63	20.46	20.44		
1.4	64QAM	3	3	20.49	20.28	20.46		
1.4	64QAM	6	0	20.63	20.49	20.49		
1.4	256QAM	1	0	18.35	18.13	18.23	19	5
1.4	256QAM	1	3	18.34	18.30	18.07		
1.4	256QAM	1	5	18.07	18.29	18.30		
1.4	256QAM	3	0	18.18	18.15	18.35	19	5
1.4	256QAM	3	1	18.34	18.28	18.45		
1.4	256QAM	3	3	18.33	18.41	18.23		
1.4	256QAM	6	0	18.32	18.28	18.46		

Band 5 Ant 1 Full power

BW [MHz]	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	23.48	23.52	23.47	24.5	0
10	QPSK	1	25	23.17	23.43	23.35		
10	QPSK	1	49	23.39	23.28	23.37		
10	QPSK	25	0	22.56	22.60	22.47	23.5	1
10	QPSK	25	12	22.35	22.34	22.52		
10	QPSK	25	25	22.51	22.32	22.53		
10	QPSK	50	0	22.42	22.52	22.44		
10	16QAM	1	0	22.42	22.42	22.29	23.5	1
10	16QAM	1	25	22.36	22.27	22.47		
10	16QAM	1	49	22.38	22.45	22.39		
10	16QAM	25	0	21.56	21.36	21.53	22.5	2
10	16QAM	25	12	21.56	21.39	21.34		
10	16QAM	25	25	21.50	21.41	21.52		
10	16QAM	50	0	21.46	21.27	21.33		
10	64QAM	1	0	21.49	21.40	21.44	22.5	2
10	64QAM	1	25	21.35	21.31	21.37		
10	64QAM	1	49	21.29	21.37	21.53		
10	64QAM	25	0	20.57	20.43	20.61	21.5	3
10	64QAM	25	12	20.64	20.57	20.47		
10	64QAM	25	25	20.52	20.29	20.52		
10	64QAM	50	0	20.67	20.51	20.50		
10	256QAM	1	0	18.46	18.14	18.21	19.5	5
10	256QAM	1	25	18.41	18.31	18.11		
5	QPSK	12	13	22.35	22.23	22.41	23.5	1
5	QPSK	25	0	22.31	22.43	22.33		
5	16QAM	1	0	22.38	22.30	22.21	23.5	1
5	16QAM	1	12	22.18	22.22	22.35		
5	16QAM	1	24	22.18	22.36	22.17		
5	16QAM	12	0	21.36	21.28	21.40	22.5	2
5	16QAM	12	7	21.45	21.23	21.28		
5	16QAM	12	13	21.34	21.30	21.32		
5	16QAM	25	0	21.32	21.16	21.14		
5	64QAM	1	0	21.32	21.26	21.30	22.5	2
5	64QAM	1	12	21.21	21.18	21.22		
5	64QAM	1	24	21.17	21.23	21.45		
5	64QAM	12	0	20.45	20.36	20.52	21.5	3
5	64QAM	12	7	20.47	20.40	20.27		
5	64QAM	12	13	20.41	20.14	20.38		
5	64QAM	25	0	20.50	20.44	20.38		
5	256QAM	1	12	18.23	18.12	18.01	19.5	5
5	256QAM	1	24	18.02	18.18	18.26		
5	256QAM	12	0	18.10	18.09	18.27	19.5	5
5	256QAM	12	7	18.17	18.18	18.43		
5	256QAM	12	13	18.27	18.27	18.12		
5	256QAM	25	0	18.22	18.14	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.32	23.49	23.38	24.5	0
3	QPSK	1	8	23.10	23.32	23.29		
3	QPSK	1	14	23.25	23.13	23.20		
3	QPSK	8	0	22.39	22.40	22.26	23.5	1
3	QPSK	8	4	22.27	22.23	22.39		
3	QPSK	8	7	22.41	22.14	22.39		
3	QPSK	15	0	22.38	22.33	22.33		
3	16QAM	1	0	22.31	22.32	22.20	23.5	1
3	16QAM	1	8	22.11	22.21	22.34		
3	16QAM	1	14	22.23	22.33	22.27		
3	16QAM	8	0	21.52	21.10	21.41	22.5	2
3	16QAM	8	4	21.43	21.22	21.19		
3	16QAM	8	7	21.39	21.27	21.43		
3	16QAM	15	0	21.31	21.07	21.25		
3	64QAM	1	0	21.27	21.18	21.40	22.5	2
3	64QAM	1	8	21.20	21.14	21.25		
3	64QAM	1	14	21.21	21.23	21.50		
3	64QAM	8	0	20.38	20.31	20.49	21.5	3
3	64QAM	8	4	20.52	20.43	20.35		
3	64QAM	8	7	20.42	20.16	20.41		
3	64QAM	15	0	20.59	20.39	20.37		
3	256QAM	1	0	18.39	18.04	18.13	19.5	5
3	256QAM	1	8	18.27	18.09	18.02		
3	256QAM	1	14	17.97	18.15	18.16		
3	256QAM	8	0	18.08	18.06	18.27	19.5	5
3	256QAM	8	4	18.29	18.25	18.34		
3	256QAM	8	7	18.19	18.29	18.16		
3	256QAM	15	0	18.14	18.09	18.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.29	23.46	23.25	24.5	0
1.4	QPSK	1	3	23.10	23.20	23.30		
1.4	QPSK	1	5	23.22	23.18	23.23		
1.4	QPSK	3	0	22.37	22.42	22.35	23.5	1
1.4	QPSK	3	1	22.17	22.26	22.29		
1.4	QPSK	3	3	22.46	22.24	22.42		
1.4	QPSK	6	0	22.26	22.31	22.35		
1.4	16QAM	1	0	22.21	22.30	22.21	23.5	1
1.4	16QAM	1	3	22.19	22.19	22.38		
1.4	16QAM	1	5	22.29	22.30	22.22		
1.4	16QAM	3	0	21.46	21.24	21.48	22.5	2
1.4	16QAM	3	1	21.40	21.33	21.26		
1.4	16QAM	3	3	21.39	21.25	21.32		
1.4	16QAM	6	0	21.37	21.07	21.30		
1.4	64QAM	1	0	21.37	21.18	21.32	22.5	2
1.4	64QAM	1	3	21.24	21.23	21.27		
1.4	64QAM	1	5	21.18	21.32	21.39		
1.4	64QAM	3	0	20.43	20.36	20.39	21.5	3
1.4	64QAM	3	1	20.52	20.36	20.36		
1.4	64QAM	3	3	20.38	20.15	20.42		
1.4	64QAM	6	0	20.51	20.47	20.41		
1.4	256QAM	1	0	18.30	18.07	18.15	19.5	5
1.4	256QAM	1	3	18.24	18.17	17.92		
1.4	256QAM	1	5	17.95	18.29	18.24		
1.4	256QAM	3	0	18.05	18.07	18.29	19.5	5
1.4	256QAM	3	1	18.18	18.22	18.42		
1.4	256QAM	3	3	18.27	18.26	18.07		
1.4	256QAM	6	0	18.15	18.14	18.40		

Band 7 Ant 1 Full power

BW [MHz]	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	23.59	23.67	23.46	24	0
20	QPSK	1	49	23.29	23.48	23.41		
20	QPSK	1	99	23.59	23.35	23.50		
20	QPSK	50	0	22.62	22.78	22.53	23	1
20	QPSK	50	24	22.43	22.34	22.63		
20	QPSK	50	50	22.70	22.51	22.63		
20	QPSK	100	0	22.70	22.73	22.69		
20	16QAM	1	0	22.70	22.41	22.47	23	1
20	16QAM	1	49	22.54	22.57	22.54		
20	16QAM	1	99	22.63	22.62	22.43		
20	16QAM	50	0	21.71	21.52	21.59	22	2
20	16QAM	50	24	21.71	21.57	21.56		
20	16QAM	50	50	21.50	21.48	21.69		
20	16QAM	100	0	21.62	21.39	21.34		
20	64QAM	1	0	21.61	21.49	21.51	22	2
20	64QAM	1	49	21.40	21.35	21.58		
20	64QAM	1	99	21.48	21.50	21.70		
20	64QAM	50	0	20.52	20.73	20.66	21	3
20	64QAM	50	24	20.69	20.67	20.61		
20	64QAM	50	50	20.70	20.52	20.69		
20	64QAM	100	0	20.80	20.70	20.78		
20	256QAM	1	0	18.63	18.25	18.39	19	5
20	256QAM	1	49	18.60	18.38	18.23		
15	QPSK	36	39	22.60	22.41	22.51	23	1
15	QPSK	75	0	22.67	22.66	22.60		
15	16QAM	1	0	22.61	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.47	22.41		
15	16QAM	1	74	22.56	22.52	22.36		
15	16QAM	36	0	21.64	21.41	21.47	22	2
15	16QAM	36	20	21.60	21.54	21.49		
15	16QAM	36	39	21.39	21.36	21.62		
15	16QAM	75	0	21.58	21.33	21.30		
15	64QAM	1	0	21.51	21.37	21.46	22	2
15	64QAM	1	37	21.34	21.29	21.51		
15	64QAM	1	74	21.44	21.45	21.58		
15	64QAM	36	0	20.41	20.70	20.56	21	3
15	64QAM	36	20	20.63	20.56	20.49		
15	64QAM	36	39	20.64	20.40	20.62		
15	64QAM	75	0	20.71	20.63	20.70		
15	256QAM	1	37	18.47	18.28	18.19	19	5
15	256QAM	1	74	18.27	18.48	18.42		
15	256QAM	36	0	18.25	18.27	18.32	19	5
15	256QAM	36	20	18.50	18.40	18.47		
15	256QAM	36	39	18.52	18.61	18.26		
15	256QAM	75	0	18.39	18.48	18.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.47	23.58	23.39	24	0
10	QPSK	1	25	23.26	23.43	23.28		
10	QPSK	1	49	23.55	23.30	23.37		
10	QPSK	25	0	22.53	22.68	22.42	23	1
10	QPSK	25	12	22.35	22.29	22.57		
10	QPSK	25	25	22.57	22.48	22.57		
10	QPSK	50	0	22.60	22.68	22.62		
10	16QAM	1	0	22.61	22.29	22.37	23	1
10	16QAM	1	25	22.47	22.49	22.46		
10	16QAM	1	49	22.54	22.51	22.37		
10	16QAM	25	0	21.59	21.46	21.50	22	2
10	16QAM	25	12	21.66	21.52	21.51		
10	16QAM	25	25	21.46	21.43	21.59		
10	16QAM	50	0	21.53	21.28	21.29		
10	64QAM	1	0	21.53	21.42	21.43	22	2
10	64QAM	1	25	21.28	21.28	21.53		
10	64QAM	1	49	21.37	21.40	21.66		
10	64QAM	25	0	20.42	20.67	20.62	21	3
10	64QAM	25	12	20.64	20.57	20.49		
10	64QAM	25	25	20.59	20.48	20.58		
10	64QAM	50	0	20.71	20.58	20.70		
10	256QAM	1	0	18.50	18.19	18.33	19	5
10	256QAM	1	25	18.56	18.32	18.11		
10	256QAM	1	49	18.32	18.46	18.38		
10	256QAM	25	0	18.29	18.21	18.39	19	5
10	256QAM	25	12	18.52	18.39	18.44		
10	256QAM	25	25	18.58	18.64	18.30		
10	256QAM	50	0	18.37	18.43	18.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.53	23.62	23.37	24	0
5	QPSK	1	12	23.17	23.43	23.35		
5	QPSK	1	24	23.51	23.30	23.45		
5	QPSK	12	0	22.58	22.72	22.44	23	1
5	QPSK	12	7	22.37	22.31	22.57		
5	QPSK	12	13	22.58	22.43	22.56		
5	QPSK	25	0	22.60	22.62	22.57		
5	16QAM	1	0	22.65	22.34	22.39	23	1
5	16QAM	1	12	22.50	22.44	22.50		
5	16QAM	1	24	22.54	22.57	22.37		
5	16QAM	12	0	21.67	21.49	21.55	22	2
5	16QAM	12	7	21.61	21.46	21.49		
5	16QAM	12	13	21.39	21.37	21.64		
5	16QAM	25	0	21.50	21.26	21.26		
5	64QAM	1	0	21.51	21.41	21.48	22	2
5	64QAM	1	12	21.32	21.27	21.46		
5	64QAM	1	24	21.36	21.42	21.60		
5	64QAM	12	0	20.48	20.64	20.55	21	3
5	64QAM	12	7	20.57	20.56	20.58		
5	64QAM	12	13	20.60	20.40	20.61		
5	64QAM	25	0	20.73	20.60	20.66		
5	256QAM	1	0	18.58	18.13	18.28	19	5
5	256QAM	1	12	18.54	18.30	18.11		
5	256QAM	1	24	18.25	18.48	18.42		
5	256QAM	12	0	18.29	18.23	18.34	19	5
5	256QAM	12	7	18.53	18.37	18.48		
5	256QAM	12	13	18.49	18.66	18.30		
5	256QAM	25	0	18.36	18.43	18.56		

Band 12 Ant 1 Full power

BW [MHz]	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	24.24	24.33	24.25	25.5	0
10	QPSK	1	25	24.05	24.18	24.13		
10	QPSK	1	49	24.26	24.15	24.21		
10	QPSK	25	0	23.36	23.41	23.36	24.5	1
10	QPSK	25	12	23.12	23.16	23.25		
10	QPSK	25	25	23.30	23.06	23.26		
10	QPSK	50	0	23.26	23.32	23.29		
10	16QAM	1	0	23.33	23.20	23.13	24.5	1
10	16QAM	1	25	23.13	23.20	23.25		
10	16QAM	1	49	23.18	23.30	23.17		
10	16QAM	25	0	22.42	22.11	22.31	23.5	2
10	16QAM	25	12	22.32	22.09	22.12		
10	16QAM	25	25	22.24	22.16	22.37		
10	16QAM	50	0	22.30	22.04	22.18		
10	64QAM	1	0	22.28	22.23	22.33	23.5	2
10	64QAM	1	25	22.16	22.16	22.22		
10	64QAM	1	49	22.15	22.23	22.36		
10	64QAM	25	0	21.29	21.29	21.45	22.5	3
10	64QAM	25	12	21.45	21.31	21.30		
10	64QAM	25	25	21.29	21.17	21.24		
10	64QAM	50	0	21.42	21.38	21.34		
10	256QAM	1	0	19.29	19.00	19.09	20.5	5
10	256QAM	1	25	19.17	19.12	18.96		
5	QPSK	12	13	23.23	22.96	23.19	24.5	1
5	QPSK	25	0	23.20	23.20	23.25		
5	16QAM	1	0	23.25	23.09	23.10	24.5	1
5	16QAM	1	12	23.01	23.09	23.17		
5	16QAM	1	24	23.08	23.23	23.06		
5	16QAM	12	0	22.36	22.04	22.22	23.5	2
5	16QAM	12	7	22.29	21.97	22.04		
5	16QAM	12	13	22.19	22.11	22.30		
5	16QAM	25	0	22.22	21.98	22.10		
5	64QAM	1	0	22.21	22.11	22.25	23.5	2
5	64QAM	1	12	22.04	22.04	22.13		
5	64QAM	1	24	22.12	22.19	22.33		
5	64QAM	12	0	21.22	21.23	21.39	22.5	3
5	64QAM	12	7	21.33	21.21	21.26		
5	64QAM	12	13	21.18	21.10	21.19		
5	64QAM	25	0	21.36	21.29	21.29		
5	256QAM	1	12	19.12	19.03	18.83	20.5	5
5	256QAM	1	24	18.84	19.05	19.10		
5	256QAM	12	0	19.00	18.88	19.17	20.5	5
5	256QAM	12	7	19.05	19.03	19.18		
5	256QAM	12	13	19.20	19.19	19.04		
5	256QAM	25	0	19.12	19.05	19.25		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.12	24.24	24.19	25.5	0
3	QPSK	1	8	23.98	24.06	24.01		
3	QPSK	1	14	24.17	24.08	24.10		
3	QPSK	8	0	23.25	23.38	23.33	24.5	1
3	QPSK	8	4	22.99	23.09	23.14		
3	QPSK	8	7	23.25	22.97	23.21		
3	QPSK	15	0	23.16	23.20	23.25		
3	16QAM	1	0	23.23	23.14	23.03	24.5	1
3	16QAM	1	8	23.02	23.15	23.15		
3	16QAM	1	14	23.11	23.21	23.14		
3	16QAM	8	0	22.37	21.99	22.25	23.5	2
3	16QAM	8	4	22.21	22.04	21.99		
3	16QAM	8	7	22.14	22.07	22.26		
3	16QAM	15	0	22.19	22.00	22.06		
3	64QAM	1	0	22.20	22.13	22.24	23.5	2
3	64QAM	1	8	22.09	22.07	22.13		
3	64QAM	1	14	22.02	22.19	22.30		
3	64QAM	8	0	21.18	21.22	21.36	22.5	3
3	64QAM	8	4	21.36	21.24	21.24		
3	64QAM	8	7	21.22	21.07	21.12		
3	64QAM	15	0	21.37	21.31	21.30		
3	256QAM	1	0	19.25	18.95	19.02	20.5	5
3	256QAM	1	8	19.13	18.99	18.86		
3	256QAM	1	14	18.92	19.02	19.07		
3	256QAM	8	0	19.00	18.86	19.19	20.5	5
3	256QAM	8	4	19.10	19.05	19.19		
3	256QAM	8	7	19.19	19.22	18.97		
3	256QAM	15	0	19.14	18.99	19.28		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.15	24.25	24.22	25.5	0
1.4	QPSK	1	3	23.93	24.08	24.07		
1.4	QPSK	1	5	24.21	24.07	24.14		
1.4	QPSK	3	0	23.31	23.37	23.27	24.5	1
1.4	QPSK	3	1	23.05	23.13	23.21		
1.4	QPSK	3	3	23.21	22.98	23.17		
1.4	QPSK	6	0	23.23	23.23	23.18		
1.4	16QAM	1	0	23.24	23.11	23.01	24.5	1
1.4	16QAM	1	3	23.02	23.14	23.16		
1.4	16QAM	1	5	23.14	23.22	23.08		
1.4	16QAM	3	0	22.30	22.00	22.20	23.5	2
1.4	16QAM	3	1	22.20	21.99	22.02		
1.4	16QAM	3	3	22.17	22.08	22.28		
1.4	16QAM	6	0	22.27	21.92	22.08		
1.4	64QAM	1	0	22.18	22.11	22.27	23.5	2
1.4	64QAM	1	3	22.12	22.13	22.12		
1.4	64QAM	1	5	22.07	22.18	22.30		
1.4	64QAM	3	0	21.21	21.21	21.40	22.5	3
1.4	64QAM	3	1	21.37	21.27	21.18		
1.4	64QAM	3	3	21.25	21.12	21.18		
1.4	64QAM	6	0	21.33	21.27	21.29		
1.4	256QAM	1	0	19.16	18.92	18.99	20.5	5
1.4	256QAM	1	3	19.07	19.05	18.83		
1.4	256QAM	1	5	18.92	19.01	19.08		
1.4	256QAM	3	0	19.01	18.90	19.15	20.5	5
1.4	256QAM	3	1	19.15	18.97	19.20		
1.4	256QAM	3	3	19.15	19.25	19.05		
1.4	256QAM	6	0	19.09	19.07	19.21		

Band 13 Ant 1 Full power

BW [MHz]	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		24.06		25.5	0
10	QPSK	1	25		23.92			
10	QPSK	1	49		23.87			
10	QPSK	25	0		23.11		24.5	1
10	QPSK	25	12		22.91			
10	QPSK	25	25		22.88			
10	QPSK	50	0		23.11			
10	16QAM	1	0		22.97		24.5	1
10	16QAM	1	25		22.92			
10	16QAM	1	49		23.05			
10	16QAM	25	0		21.89		23.5	2
10	16QAM	25	12		21.83			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.76			
10	64QAM	1	0		21.94		23.5	2
10	64QAM	1	25		21.81			
10	64QAM	1	49		21.96			
10	64QAM	25	0		21.04		22.5	3
10	64QAM	25	12		21.10			
10	64QAM	25	25		20.92			
10	64QAM	50	0		21.04			
10	256QAM	1	0		18.76		20.5	5
10	256QAM	1	25		18.81			
5	QPSK	12	13	22.81	22.77	22.78	24.5	1
5	QPSK	25	0	23.02	22.99	23.03		
5	16QAM	1	0	22.88	22.92	22.86	24.5	1
5	16QAM	1	12	22.85	22.88	22.86		
5	16QAM	1	24	22.94	22.92	22.97		
5	16QAM	12	0	21.82	21.83	21.85	23.5	2
5	16QAM	12	7	21.70	21.78	21.71		
5	16QAM	12	13	21.81	21.82	21.85		
5	16QAM	25	0	21.67	21.70	21.69		
5	64QAM	1	0	21.87	21.85	21.89	23.5	2
5	64QAM	1	12	21.69	21.76	21.74		
5	64QAM	1	24	21.83	21.87	21.91		
5	64QAM	12	0	21.01	20.99	20.96	22.5	3
5	64QAM	12	7	21.02	21.04	21.03		
5	64QAM	12	13	20.80	20.86	20.81		
5	64QAM	25	0	20.92	21.00	20.99		
5	256QAM	1	12	18.74	18.70	18.74	20.5	5
5	256QAM	1	24	18.77	18.73	18.81		
5	256QAM	12	0	18.64	18.55	18.56	20.5	5
5	256QAM	12	7	18.81	18.85	18.79		
5	256QAM	12	13	18.85	18.90	18.85		
5	256QAM	25	0	18.76	18.77	18.73		

Band 17 Ant 1 Full power

BW [MHz]	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	24.14	24.25	24.21	25.5	0
10	QPSK	1	25	23.94	24.09	23.96		
10	QPSK	1	49	23.93	24.00	23.90		
10	QPSK	25	0	23.23	23.33	23.24	24.5	1
10	QPSK	25	12	22.92	23.02	22.89		
10	QPSK	25	25	22.91	23.03	22.95		
10	QPSK	50	0	23.12	23.21	23.11		
10	16QAM	1	0	23.00	23.11	23.00	24.5	1
10	16QAM	1	25	22.97	23.04	22.94		
10	16QAM	1	49	23.10	23.24	23.10		
10	16QAM	25	0	21.95	22.01	21.94	23.5	2
10	16QAM	25	12	22.03	22.08	21.97		
10	16QAM	25	25	22.02	22.17	22.05		
10	16QAM	50	0	21.84	21.94	21.83		
10	64QAM	1	0	22.01	22.08	22.04	23.5	2
10	64QAM	1	25	21.89	21.97	21.86		
10	64QAM	1	49	22.04	22.11	21.96		
10	64QAM	25	0	21.10	21.23	21.09	22.5	3
10	64QAM	25	12	21.26	21.32	21.25		
10	64QAM	25	25	20.97	21.05	20.94		
10	64QAM	50	0	21.15	21.30	21.15		
10	256QAM	1	0	18.72	18.85	18.79	20.5	5
10	256QAM	1	25	18.98	19.04	18.99		
5	QPSK	12	13	22.83	22.99	22.90	24.5	1
5	QPSK	25	0	23.04	23.10	23.05		
5	16QAM	1	0	22.94	22.99	22.94	24.5	1
5	16QAM	1	12	22.94	23.00	22.87		
5	16QAM	1	24	23.00	23.11	23.01		
5	16QAM	12	0	21.82	21.90	21.87	23.5	2
5	16QAM	12	7	21.94	21.99	21.92		
5	16QAM	12	13	21.98	22.09	21.96		
5	16QAM	25	0	21.77	21.89	21.75		
5	64QAM	1	0	21.91	21.99	21.95	23.5	2
5	64QAM	1	12	21.83	21.93	21.77		
5	64QAM	1	24	21.96	22.01	21.87		
5	64QAM	12	0	21.01	21.12	21.02	22.5	3
5	64QAM	12	7	21.14	21.27	21.19		
5	64QAM	12	13	20.93	20.95	20.91		
5	64QAM	25	0	21.11	21.27	21.07		
5	256QAM	1	12	18.90	19.01	18.93	20.5	5
5	256QAM	1	24	18.90	18.98	18.92		
5	256QAM	12	0	18.72	18.77	18.73	20.5	5
5	256QAM	12	7	18.98	18.98	18.94		
5	256QAM	12	13	18.97	19.15	18.98		
5	256QAM	25	0	18.80	18.86	18.83		

Band 25 Ant 1 Full power

BW [MHz]	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	23.33	23.35	23.32	24	0
20	QPSK	1	49	23.09	23.32	23.19		
20	QPSK	1	99	23.34	23.02	23.10		
20	QPSK	50	0	22.37	22.43	22.40	23	1
20	QPSK	50	24	22.14	22.20	22.21		
20	QPSK	50	50	22.26	22.01	22.20		
20	QPSK	100	0	22.26	22.35	22.33		
20	16QAM	1	0	22.24	22.11	22.09	23	1
20	16QAM	1	49	22.10	22.24	22.25		
20	16QAM	1	99	22.12	22.22	22.19		
20	16QAM	50	0	21.48	21.23	21.33	22	2
20	16QAM	50	24	21.48	21.15	21.10		
20	16QAM	50	50	21.30	21.18	21.47		
20	16QAM	100	0	21.20	21.07	21.19		
20	64QAM	1	0	21.35	21.13	21.22	22	2
20	64QAM	1	49	21.25	21.21	21.24		
20	64QAM	1	99	21.24	21.31	21.38		
20	64QAM	50	0	20.41	20.35	20.41	21	3
20	64QAM	50	24	20.40	20.30	20.41		
20	64QAM	50	50	20.37	20.22	20.21		
20	64QAM	100	0	20.49	20.35	20.32		
20	256QAM	1	0	18.15	18.04	18.11	19	5
20	256QAM	1	49	18.26	18.21	18.04		
15	QPSK	36	39	22.22	21.96	22.15	23	1
15	QPSK	75	0	22.19	22.23	22.28		
15	16QAM	1	0	22.19	21.99	22.05	23	1
15	16QAM	1	37	22.01	22.12	22.21		
15	16QAM	1	74	21.99	22.16	22.06		
15	16QAM	36	0	21.37	21.20	21.20	22	2
15	16QAM	36	20	21.38	21.03	21.01		
15	16QAM	36	39	21.27	21.07	21.43		
15	16QAM	75	0	21.12	20.96	21.07		
15	64QAM	1	0	21.31	21.05	21.12	22	2
15	64QAM	1	37	21.13	21.11	21.21		
15	64QAM	1	74	21.13	21.19	21.30		
15	64QAM	36	0	20.37	20.25	20.31	21	3
15	64QAM	36	20	20.29	20.18	20.37		
15	64QAM	36	39	20.26	20.12	20.09		
15	64QAM	75	0	20.40	20.23	20.28		
15	256QAM	1	37	18.14	18.09	17.98	19	5
15	256QAM	1	74	18.00	18.15	18.13		
15	256QAM	36	0	17.90	18.01	18.16	19	5
15	256QAM	36	20	18.08	18.21	18.08		
15	256QAM	36	39	18.19	18.19	18.07		
15	256QAM	75	0	18.12	17.97	18.20		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.26	23.25	23.25	24	0
10	QPSK	1	25	23.04	23.23	23.12		
10	QPSK	1	49	23.31	22.94	23.01		
10	QPSK	25	0	22.29	22.39	22.36	23	1
10	QPSK	25	12	22.10	22.12	22.12		
10	QPSK	25	25	22.19	21.90	22.15		
10	QPSK	50	0	22.17	22.31	22.28		
10	16QAM	1	0	22.11	22.07	21.98	23	1
10	16QAM	1	25	22.05	22.14	22.17		
10	16QAM	1	49	22.06	22.10	22.14		
10	16QAM	25	0	21.36	21.12	21.27	22	2
10	16QAM	25	12	21.43	21.06	20.98		
10	16QAM	25	25	21.19	21.10	21.34		
10	16QAM	50	0	21.08	20.97	21.12		
10	64QAM	1	0	21.25	21.06	21.16	22	2
10	64QAM	1	25	21.16	21.08	21.17		
10	64QAM	1	49	21.15	21.26	21.30		
10	64QAM	25	0	20.32	20.30	20.34	21	3
10	64QAM	25	12	20.29	20.23	20.37		
10	64QAM	25	25	20.28	20.15	20.11		
10	64QAM	50	0	20.39	20.22	20.25		
10	256QAM	1	0	18.06	17.93	17.99	19	5
10	256QAM	1	25	18.22	18.12	17.99		
10	256QAM	1	49	17.94	18.22	18.14		
10	256QAM	25	0	17.92	18.03	18.20	19	5
10	256QAM	25	12	18.08	18.13	18.12		
10	256QAM	25	25	18.15	18.21	18.08		
10	256QAM	50	0	18.11	17.97	18.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.22	23.29	23.24	24	0
5	QPSK	1	12	22.96	23.20	23.15		
5	QPSK	1	24	23.24	22.95	23.05		
5	QPSK	12	0	22.34	22.37	22.34	23	1
5	QPSK	12	7	22.08	22.07	22.10		
5	QPSK	12	13	22.19	21.93	22.15		
5	QPSK	25	0	22.15	22.29	22.26		
5	16QAM	1	0	22.18	22.06	21.98	23	1
5	16QAM	1	12	22.06	22.11	22.21		
5	16QAM	1	24	22.08	22.13	22.12		
5	16QAM	12	0	21.45	21.19	21.21	22	2
5	16QAM	12	7	21.37	21.11	21.06		
5	16QAM	12	13	21.25	21.06	21.38		
5	16QAM	25	0	21.08	20.99	21.14		
5	64QAM	1	0	21.30	21.04	21.12	22	2
5	64QAM	1	12	21.21	21.13	21.18		
5	64QAM	1	24	21.17	21.20	21.32		
5	64QAM	12	0	20.35	20.28	20.30	21	3
5	64QAM	12	7	20.28	20.17	20.37		
5	64QAM	12	13	20.26	20.17	20.16		
5	64QAM	25	0	20.38	20.27	20.24		
5	256QAM	1	0	18.04	17.97	18.02	19	5
5	256QAM	1	12	18.16	18.11	17.97		
5	256QAM	1	24	18.01	18.20	18.06		
5	256QAM	12	0	17.94	18.04	18.13	19	5
5	256QAM	12	7	18.09	18.20	18.15		
5	256QAM	12	13	18.22	18.22	18.07		
5	256QAM	25	0	18.13	18.03	18.23		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.25	23.24	23.25	24	0
3	QPSK	1	8	23.05	23.21	23.13		
3	QPSK	1	14	23.25	22.93	23.04		
3	QPSK	8	0	22.32	22.34	22.30	23	1
3	QPSK	8	4	22.06	22.10	22.08		
3	QPSK	8	7	22.23	21.94	22.09		
3	QPSK	15	0	22.13	22.26	22.28		
3	16QAM	1	0	22.20	22.01	21.99	23	1
3	16QAM	1	8	22.06	22.12	22.13		
3	16QAM	1	14	22.03	22.16	22.14		
3	16QAM	8	0	21.36	21.14	21.22	22	2
3	16QAM	8	4	21.43	21.02	21.00		
3	16QAM	8	7	21.23	21.05	21.37		
3	16QAM	15	0	21.07	20.97	21.16		
3	64QAM	1	0	21.26	21.02	21.10	22	2
3	64QAM	1	8	21.13	21.08	21.20		
3	64QAM	1	14	21.18	21.21	21.30		
3	64QAM	8	0	20.35	20.23	20.28	21	3
3	64QAM	8	4	20.33	20.20	20.28		
3	64QAM	8	7	20.27	20.10	20.09		
3	64QAM	15	0	20.40	20.23	20.25		
3	256QAM	1	0	18.05	17.95	18.03	19	5
3	256QAM	1	8	18.22	18.13	17.97		
3	256QAM	1	14	18.02	18.12	18.09		
3	256QAM	8	0	17.96	18.07	18.19	19	5
3	256QAM	8	4	18.04	18.15	18.13		
3	256QAM	8	7	18.15	18.18	18.06		
3	256QAM	15	0	18.06	18.03	18.25		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.21	23.25	23.22	24	0
1.4	QPSK	1	3	22.97	23.22	23.13		
1.4	QPSK	1	5	23.28	22.96	23.02		
1.4	QPSK	3	0	22.31	22.37	22.32	23	1
1.4	QPSK	3	1	22.03	22.10	22.13		
1.4	QPSK	3	3	22.19	22.03	22.11		
1.4	QPSK	6	0	22.20	22.30	22.27		
1.4	16QAM	1	0	22.15	22.06	22.03	23	1
1.4	16QAM	1	3	22.05	22.13	22.17		
1.4	16QAM	1	5	22.07	22.13	22.11		
1.4	16QAM	3	0	21.44	21.17	21.21	22	2
1.4	16QAM	3	1	21.43	21.11	21.05		
1.4	16QAM	3	3	21.18	21.08	21.38		
1.4	16QAM	6	0	21.13	21.03	21.15		
1.4	64QAM	1	0	21.30	21.03	21.09	22	2
1.4	64QAM	1	3	21.15	21.10	21.14		
1.4	64QAM	1	5	21.14	21.22	21.29		
1.4	64QAM	3	0	20.35	20.23	20.32	21	3
1.4	64QAM	3	1	20.35	20.24	20.34		
1.4	64QAM	3	3	20.29	20.13	20.11		
1.4	64QAM	6	0	20.42	20.30	20.27		
1.4	256QAM	1	0	18.08	17.95	18.08	19	5
1.4	256QAM	1	3	18.18	18.11	17.93		
1.4	256QAM	1	5	18.02	18.19	18.07		
1.4	256QAM	3	0	17.97	18.00	18.20	19	5
1.4	256QAM	3	1	18.04	18.19	18.10		
1.4	256QAM	3	3	18.16	18.13	18.11		
1.4	256QAM	6	0	18.14	18.02	18.23		

Band 26 for FCC Ant 1 Full power

BW [MHz]	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	23.51	23.58	23.55	24.5	0
15	QPSK	1	37	23.25	23.51	23.22		
15	QPSK	1	74	23.48	23.18	23.28		
15	QPSK	36	0	22.52	22.61	22.51	23.5	1
15	QPSK	36	20	22.36	22.37	22.25		
15	QPSK	36	39	22.47	22.21	22.32		
15	QPSK	75	0	22.26	22.45	22.42		
15	16QAM	1	0	22.25	22.11	22.17	23.5	1
15	16QAM	1	37	22.21	22.42	22.29		
15	16QAM	1	74	22.25	22.36	22.37		
15	16QAM	36	0	21.62	21.29	21.40	22.5	2
15	16QAM	36	20	21.56	21.25	21.17		
15	16QAM	36	39	21.45	21.40	21.59		
15	16QAM	75	0	21.41	21.15	21.41		
15	64QAM	1	0	21.44	21.22	21.35	22.5	2
15	64QAM	1	37	21.25	21.36	21.26		
15	64QAM	1	74	21.41	21.49	21.39		
15	64QAM	36	0	20.47	20.39	20.46	21.5	3
15	64QAM	36	20	20.43	20.41	20.61		
15	64QAM	36	39	20.54	20.27	20.29		
15	64QAM	75	0	20.47	20.42	20.33		
15	256QAM	1	0	18.15	18.20	18.32	19.5	5
15	256QAM	1	37	18.30	18.24	18.10		
10	QPSK	25	25	22.38	22.12	22.26	23.5	1
10	QPSK	50	0	22.20	22.42	22.37		
10	16QAM	1	0	22.18	21.98	22.07	23.5	1
10	16QAM	1	25	22.11	22.30	22.17		
10	16QAM	1	49	22.21	22.30	22.29		
10	16QAM	25	0	21.58	21.17	21.33	22.5	2
10	16QAM	25	12	21.51	21.14	21.09		
10	16QAM	25	25	21.38	21.30	21.53		
10	16QAM	50	0	21.31	21.07	21.35		
10	64QAM	1	0	21.40	21.12	21.27	22.5	2
10	64QAM	1	25	21.13	21.29	21.13		
10	64QAM	1	49	21.37	21.45	21.35		
10	64QAM	25	0	20.42	20.35	20.39	21.5	3
10	64QAM	25	12	20.30	20.36	20.48		
10	64QAM	25	25	20.49	20.22	20.24		
10	64QAM	50	0	20.38	20.36	20.26		
10	256QAM	1	25	18.23	18.12	18.02	19.5	5
10	256QAM	1	49	18.09	18.35	18.28		
10	256QAM	25	0	17.98	18.16	18.17	19.5	5
10	256QAM	25	12	18.08	18.19	18.21		
10	256QAM	25	25	18.38	18.35	18.20		
10	256QAM	50	0	18.21	18.03	18.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.39	23.54	23.50	24.5	0
5	QPSK	1	12	23.13	23.45	23.09		
5	QPSK	1	24	23.39	23.09	23.16		
5	QPSK	12	0	22.40	22.58	22.47	23.5	1
5	QPSK	12	7	22.24	22.25	22.22		
5	QPSK	12	13	22.38	22.16	22.26		
5	QPSK	25	0	22.20	22.37	22.30		
5	16QAM	1	0	22.18	22.04	22.05	23.5	1
5	16QAM	1	12	22.09	22.32	22.20		
5	16QAM	1	24	22.21	22.31	22.32		
5	16QAM	12	0	21.58	21.19	21.34	22.5	2
5	16QAM	12	7	21.51	21.20	21.15		
5	16QAM	12	13	21.39	21.34	21.50		
5	16QAM	25	0	21.32	21.05	21.32		
5	64QAM	1	0	21.31	21.09	21.27	22.5	2
5	64QAM	1	12	21.20	21.30	21.22		
5	64QAM	1	24	21.34	21.44	21.30		
5	64QAM	12	0	20.36	20.31	20.43	21.5	3
5	64QAM	12	7	20.39	20.34	20.50		
5	64QAM	12	13	20.47	20.17	20.17		
5	64QAM	25	0	20.35	20.35	20.26		
5	256QAM	1	0	18.11	18.09	18.21	19.5	5
5	256QAM	1	12	18.23	18.18	18.01		
5	256QAM	1	24	18.01	18.30	18.33		
5	256QAM	12	0	17.94	18.15	18.24	19.5	5
5	256QAM	12	7	18.08	18.10	18.22		
5	256QAM	12	13	18.35	18.33	18.20		
5	256QAM	25	0	18.15	18.01	18.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.42	23.46	23.45	24.5	0
3	QPSK	1	8	23.13	23.44	23.09		
3	QPSK	1	14	23.39	23.07	23.16		
3	QPSK	8	0	22.44	22.48	22.41	23.5	1
3	QPSK	8	4	22.25	22.24	22.16		
3	QPSK	8	7	22.38	22.14	22.26		
3	QPSK	15	0	22.19	22.38	22.35		
3	16QAM	1	0	22.19	22.02	22.12	23.5	1
3	16QAM	1	8	22.16	22.34	22.21		
3	16QAM	1	14	22.20	22.27	22.29		
3	16QAM	8	0	21.55	21.23	21.32	22.5	2
3	16QAM	8	4	21.50	21.22	21.11		
3	16QAM	8	7	21.41	21.29	21.48		
3	16QAM	15	0	21.36	21.10	21.29		
3	64QAM	1	0	21.33	21.18	21.27	22.5	2
3	64QAM	1	8	21.17	21.25	21.17		
3	64QAM	1	14	21.35	21.38	21.27		
3	64QAM	8	0	20.39	20.35	20.38	21.5	3
3	64QAM	8	4	20.37	20.30	20.56		
3	64QAM	8	7	20.51	20.15	20.21		
3	64QAM	15	0	20.42	20.33	20.23		
3	256QAM	1	0	18.10	18.11	18.26	19.5	5
3	256QAM	1	8	18.24	18.20	18.05		
3	256QAM	1	14	18.02	18.35	18.27		
3	256QAM	8	0	17.93	18.15	18.20	19.5	5
3	256QAM	8	4	18.07	18.14	18.22		
3	256QAM	8	7	18.36	18.37	18.17		
3	256QAM	15	0	18.14	18.08	18.35		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.45	23.49	23.50	24.5	0
1.4	QPSK	1	3	23.20	23.45	23.18		
1.4	QPSK	1	5	23.41	23.06	23.17		
1.4	QPSK	3	0	22.51	22.54	22.57	23.5	1
1.4	QPSK	3	1	22.28	22.28	22.56		
1.4	QPSK	3	3	22.41	22.17	22.49		
1.4	QPSK	6	0	22.16	22.36	22.35		
1.4	16QAM	1	0	22.17	22.04	22.13	23.5	1
1.4	16QAM	1	3	22.14	22.30	22.18		
1.4	16QAM	1	5	22.15	22.29	22.32		
1.4	16QAM	3	0	21.56	21.26	21.32	22.5	2
1.4	16QAM	3	1	21.51	21.19	21.29		
1.4	16QAM	3	3	21.53	21.32	21.50		
1.4	16QAM	6	0	21.28	21.11	21.29		
1.4	64QAM	1	0	21.40	21.09	21.23	22.5	2
1.4	64QAM	1	3	21.15	21.33	21.17		
1.4	64QAM	1	5	21.35	21.45	21.29		
1.4	64QAM	3	0	20.40	20.30	20.36	21.5	3
1.4	64QAM	3	1	20.36	20.29	20.50		
1.4	64QAM	3	3	20.41	20.24	20.17		
1.4	64QAM	6	0	20.39	20.32	20.28		
1.4	256QAM	1	0	18.09	18.09	18.21	19.5	5
1.4	256QAM	1	3	18.21	18.15	18.05		
1.4	256QAM	1	5	18.06	18.32	18.32		
1.4	256QAM	3	0	17.94	18.21	18.17	19.5	5
1.4	256QAM	3	1	18.04	18.13	18.24		
1.4	256QAM	3	3	18.34	18.35	18.18		
1.4	256QAM	6	0	18.19	18.09	18.30		

Band 30 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.63		24	0
10	QPSK	1	25		22.60			
10	QPSK	1	49		22.27			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.62			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.75			
10	16QAM	1	0		21.25		23	1
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.47			
10	16QAM	25	0		20.60		22	2
10	16QAM	25	12		20.42			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.37			
10	64QAM	1	0		20.30		22	2
10	64QAM	1	25		20.50			
10	64QAM	1	49		20.75			
10	64QAM	25	0		19.63		21	3
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.50			
10	64QAM	50	0		19.56			
10	256QAM	1	0		17.50		19	5
10	256QAM	1	25		17.35			
5	QPSK	12	13	21.72	21.39	21.53	23	1
5	QPSK	25	0	21.46	21.65	21.63		
5	16QAM	1	0	21.38	21.21	21.40	23	1
5	16QAM	1	12	21.39	21.66	21.38		
5	16QAM	1	24	21.24	21.35	21.56		
5	16QAM	12	0	20.66	20.48	20.49	22	2
5	16QAM	12	7	20.59	20.33	20.42		
5	16QAM	12	13	20.54	20.58	20.61		
5	16QAM	25	0	20.45	20.32	20.51		
5	64QAM	1	0	20.47	20.23	20.59	22	2
5	64QAM	1	12	20.30	20.46	20.32		
5	64QAM	1	24	20.42	20.64	20.54		
5	64QAM	12	0	19.55	19.54	19.66	21	3
5	64QAM	12	7	19.54	19.49	19.65		
5	64QAM	12	13	19.49	19.44	19.47		
5	64QAM	25	0	19.65	19.46	19.51		
5	256QAM	1	12	17.34	17.28	17.35	19	5
5	256QAM	1	24	17.23	17.47	17.61		
5	256QAM	12	0	17.11	17.38	17.46	19	5
5	256QAM	12	7	17.17	17.28	17.35		
5	256QAM	12	13	17.49	17.60	17.39		
5	256QAM	25	0	17.43	17.22	17.57		

Band 66 Ant 1 Full power

BW [MHz]	Modulation	RB Size	17	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	23.46	23.59	23.53	24	0
20	QPSK	1	49	23.23	23.32	23.27		
20	QPSK	1	99	23.43	23.40	23.15		
20	QPSK	50	0	22.47	22.50	22.46	23	1
20	QPSK	50	24	22.22	22.25	22.22		
20	QPSK	50	50	22.26	22.02	22.17		
20	QPSK	100	0	22.09	22.35	22.32		
20	16QAM	1	0	22.09	22.01	22.15	23	1
20	16QAM	1	49	22.19	22.38	22.31		
20	16QAM	1	99	22.18	22.33	22.29		
20	16QAM	50	0	21.43	21.11	21.40	22	2
20	16QAM	50	24	21.40	21.23	21.22		
20	16QAM	50	50	21.45	21.21	21.52		
20	16QAM	100	0	21.41	21.09	21.34		
20	64QAM	1	0	21.35	21.24	21.20	22	2
20	64QAM	1	49	21.12	21.31	21.16		
20	64QAM	1	99	21.29	21.33	21.32		
20	64QAM	50	0	20.41	20.24	20.37	21	3
20	64QAM	50	24	20.32	20.21	20.42		
20	64QAM	50	50	20.37	20.18	20.16		
20	64QAM	100	0	20.42	20.23	20.26		
20	256QAM	1	0	18.09	18.21	18.23	19	5
20	256QAM	1	49	18.15	18.09	18.00		
15	QPSK	36	39	22.16	21.92	22.08	23	1
15	QPSK	75	0	22.05	22.27	22.23		
15	16QAM	1	0	22.05	21.88	22.08	23	1
15	16QAM	1	37	22.13	22.33	22.21		
15	16QAM	1	74	22.11	22.28	22.20		
15	16QAM	36	0	21.38	21.03	21.29	22	2
15	16QAM	36	20	21.29	21.13	21.17		
15	16QAM	36	39	21.35	21.13	21.40		
15	16QAM	75	0	21.32	20.98	21.22		
15	64QAM	1	0	21.31	21.11	21.07	22	2
15	64QAM	1	37	21.03	21.19	21.08		
15	64QAM	1	74	21.23	21.23	21.25		
15	64QAM	36	0	20.34	20.21	20.27	21	3
15	64QAM	36	20	20.26	20.10	20.30		
15	64QAM	36	39	20.34	20.12	20.06		
15	64QAM	75	0	20.30	20.17	20.23		
15	256QAM	1	37	18.11	18.05	17.92	19	5
15	256QAM	1	74	17.86	18.27	18.19		
15	256QAM	36	0	18.07	18.10	18.05	19	5
15	256QAM	36	20	18.10	17.97	18.00		
15	256QAM	36	39	18.32	18.37	18.07		
15	256QAM	75	0	17.97	18.10	18.37		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.38	23.48	23.49	24	0
10	QPSK	1	25	23.12	23.27	23.19		
10	QPSK	1	49	23.36	23.28	23.12		
10	QPSK	25	0	22.43	22.47	22.40	23	1
10	QPSK	25	12	22.17	22.20	22.16		
10	QPSK	25	25	22.21	21.98	22.09		
10	QPSK	50	0	22.00	22.23	22.24		
10	16QAM	1	0	22.01	21.89	22.07	23	1
10	16QAM	1	25	22.09	22.25	22.19		
10	16QAM	1	49	22.12	22.28	22.17		
10	16QAM	25	0	21.33	21.05	21.36	22	2
10	16QAM	25	12	21.32	21.11	21.16		
10	16QAM	25	25	21.39	21.11	21.41		
10	16QAM	50	0	21.38	20.99	21.25		
10	64QAM	1	0	21.32	21.13	21.11	22	2
10	64QAM	1	25	21.00	21.26	21.04		
10	64QAM	1	49	21.19	21.28	21.23		
10	64QAM	25	0	20.37	20.16	20.26	21	3
10	64QAM	25	12	20.20	20.13	20.29		
10	64QAM	25	25	20.25	20.07	20.06		
10	64QAM	50	0	20.38	20.11	20.18		
10	256QAM	1	0	18.01	18.17	18.18	19	5
10	256QAM	1	25	18.05	18.02	17.94		
10	256QAM	1	49	17.86	18.32	18.09		
10	256QAM	25	0	18.08	18.13	18.10	19	5
10	256QAM	25	12	18.08	17.93	18.01		
10	256QAM	25	25	18.40	18.38	18.09		
10	256QAM	50	0	17.91	18.09	18.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.42	23.48	23.47	24	0
5	QPSK	1	12	23.17	23.22	23.16		
5	QPSK	1	24	23.38	23.33	23.05		
5	QPSK	12	0	22.38	22.37	22.34	23	1
5	QPSK	12	7	22.16	22.16	22.09		
5	QPSK	12	13	22.19	21.98	22.09		
5	QPSK	25	0	22.03	22.30	22.27		
5	16QAM	1	0	21.98	21.90	22.11	23	1
5	16QAM	1	12	22.10	22.27	22.22		
5	16QAM	1	24	22.09	22.21	22.19		
5	16QAM	12	0	21.38	21.04	21.33	22	2
5	16QAM	12	7	21.32	21.16	21.17		
5	16QAM	12	13	21.40	21.13	21.44		
5	16QAM	25	0	21.38	20.98	21.24		
5	64QAM	1	0	21.28	21.18	21.09	22	2
5	64QAM	1	12	21.02	21.23	21.04		
5	64QAM	1	24	21.21	21.24	21.27		
5	64QAM	12	0	20.36	20.19	20.26	21	3
5	64QAM	12	7	20.26	20.14	20.37		
5	64QAM	12	13	20.31	20.13	20.09		
5	64QAM	25	0	20.38	20.15	20.22		
5	256QAM	1	0	18.00	18.18	18.16	19	5
5	256QAM	1	12	18.05	17.96	17.97		
5	256QAM	1	24	17.89	18.31	18.09		
5	256QAM	12	0	18.09	18.12	18.03	19	5
5	256QAM	12	7	18.09	17.91	18.02		
5	256QAM	12	13	18.35	18.33	18.08		
5	256QAM	25	0	17.97	18.01	18.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.39	23.51	23.44	24	0
3	QPSK	1	8	23.11	23.25	23.21		
3	QPSK	1	14	23.30	23.32	23.06		
3	QPSK	8	0	22.37	22.38	22.40	23	1
3	QPSK	8	4	22.12	22.21	22.14		
3	QPSK	8	7	22.16	21.98	22.09		
3	QPSK	15	0	22.02	22.32	22.28		
3	16QAM	1	0	22.03	21.88	22.12	23	1
3	16QAM	1	8	22.09	22.29	22.18		
3	16QAM	1	14	22.06	22.23	22.18		
3	16QAM	8	0	21.34	21.01	21.29	22	2
3	16QAM	8	4	21.36	21.12	21.10		
3	16QAM	8	7	21.34	21.15	21.49		
3	16QAM	15	0	21.30	21.01	21.28		
3	64QAM	1	0	21.30	21.16	21.13	22	2
3	64QAM	1	8	21.09	21.19	21.13		
3	64QAM	1	14	21.19	21.21	21.21		
3	64QAM	8	0	20.30	20.12	20.26	21	3
3	64QAM	8	4	20.28	20.16	20.37		
3	64QAM	8	7	20.31	20.15	20.10		
3	64QAM	15	0	20.32	20.11	20.16		
3	256QAM	1	0	17.99	18.15	18.14	19	5
3	256QAM	1	8	18.03	18.04	17.90		
3	256QAM	1	14	17.87	18.33	18.17		
3	256QAM	8	0	18.10	18.13	18.03	19	5
3	256QAM	8	4	18.03	17.94	18.00		
3	256QAM	8	7	18.41	18.34	18.10		
3	256QAM	15	0	17.92	18.06	18.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.38	23.50	23.45	24	0
1.4	QPSK	1	3	23.16	23.28	23.15		
1.4	QPSK	1	5	23.31	23.30	23.10		
1.4	QPSK	3	0	22.36	22.46	22.39	23	1
1.4	QPSK	3	1	22.10	22.22	22.15		
1.4	QPSK	3	3	22.17	22.01	22.09		
1.4	QPSK	6	0	21.98	22.28	22.21		
1.4	16QAM	1	0	22.05	21.89	22.05	23	1
1.4	16QAM	1	3	22.12	22.34	22.24		
1.4	16QAM	1	5	22.10	22.27	22.22		
1.4	16QAM	3	0	21.35	21.06	21.28	22	2
1.4	16QAM	3	1	21.31	21.18	21.18		
1.4	16QAM	3	3	21.34	21.11	21.45		
1.4	16QAM	6	0	21.33	21.00	21.30		
1.4	64QAM	1	0	21.31	21.16	21.10	22	2
1.4	64QAM	1	3	21.05	21.19	21.10		
1.4	64QAM	1	5	21.23	21.24	21.25		
1.4	64QAM	3	0	20.33	20.21	20.26	21	3
1.4	64QAM	3	1	20.23	20.16	20.37		
1.4	64QAM	3	3	20.33	20.11	20.08		
1.4	64QAM	6	0	20.34	20.14	20.16		
1.4	256QAM	1	0	18.02	18.14	18.14	19	5
1.4	256QAM	1	3	18.02	18.00	17.97		
1.4	256QAM	1	5	17.85	18.33	18.15		
1.4	256QAM	3	0	18.05	18.12	18.09	19	5
1.4	256QAM	3	1	18.04	17.93	18.05		
1.4	256QAM	3	3	18.39	18.38	18.04		
1.4	256QAM	6	0	17.96	18.00	18.36		

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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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	23.35	23.58	23.38	24.5	0
20	QPSK	1	49	23.09	23.25	23.22		
20	QPSK	1	99	23.39	23.36	23.42		
20	QPSK	50	0	22.40	22.46	22.32	23.5	1
20	QPSK	50	24	22.19	22.22	22.43		
20	QPSK	50	50	22.24	22.14	22.31		
20	QPSK	100	0	21.99	22.30	22.28		
20	16QAM	1	0	22.08	21.85	22.00	23.5	1
20	16QAM	1	49	22.01	22.26	22.33		
20	16QAM	1	99	22.15	22.18	22.23		
20	16QAM	50	0	21.41	21.22	21.20	22.5	2
20	16QAM	50	24	21.26	21.15	21.05		
20	16QAM	50	50	21.25	21.03	21.53		
20	16QAM	100	0	21.27	20.91	21.14		
20	64QAM	1	0	21.36	21.10	21.04	22.5	2
20	64QAM	1	49	21.04	21.27	21.18		
20	64QAM	1	99	21.24	21.23	21.11		
20	64QAM	50	0	20.26	20.19	20.24	21.5	3
20	64QAM	50	24	20.17	20.05	20.27		
20	64QAM	50	50	20.16	20.02	20.04		
20	64QAM	100	0	20.35	20.02	20.23		
20	256QAM	1	0	18.08	18.01	18.10	19.5	5
20	256QAM	1	49	18.03	17.96	17.80		
15	QPSK	36	39	22.16	22.06	22.28	23.5	1
15	QPSK	75	0	21.95	22.26	22.21		
15	16QAM	1	0	21.97	21.79	21.94	23.5	1
15	16QAM	1	37	21.89	22.14	22.21		
15	16QAM	1	74	22.06	22.10	22.15		
15	16QAM	36	0	21.30	21.10	21.15	22.5	2
15	16QAM	36	20	21.16	21.02	20.96		
15	16QAM	36	39	21.16	20.96	21.40		
15	16QAM	75	0	21.24	20.84	21.08		
15	64QAM	1	0	21.27	21.06	20.92	22.5	2
15	64QAM	1	37	20.94	21.21	21.13		
15	64QAM	1	74	21.14	21.20	21.00		
15	64QAM	36	0	20.22	20.09	20.13	21.5	3
15	64QAM	36	20	20.14	19.98	20.23		
15	64QAM	36	39	20.09	19.90	19.93		
15	64QAM	75	0	20.23	19.96	20.15		
15	256QAM	1	37	17.95	17.89	17.71	19.5	5
15	256QAM	1	74	17.65	18.07	17.99		
15	256QAM	36	0	17.93	18.05	17.92	19.5	5
15	256QAM	36	20	18.02	17.86	17.85		
15	256QAM	36	39	18.33	18.16	17.95		
15	256QAM	75	0	17.81	18.07	18.20		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.28	23.54	23.32	24.5	0
10	QPSK	1	25	23.05	23.15	23.14		
10	QPSK	1	49	23.36	23.29	23.33		
10	QPSK	25	0	22.35	22.40	22.24	23.5	1
10	QPSK	25	12	22.10	22.12	22.39		
10	QPSK	25	25	22.17	22.02	22.19		
10	QPSK	50	0	21.89	22.21	22.20		
10	16QAM	1	0	21.98	21.75	21.93	23.5	1
10	16QAM	1	25	21.95	22.16	22.23		
10	16QAM	1	49	22.09	22.09	22.12		
10	16QAM	25	0	21.33	21.15	21.15	22.5	2
10	16QAM	25	12	21.22	21.03	20.99		
10	16QAM	25	25	21.16	20.99	21.44		
10	16QAM	50	0	21.22	20.86	21.02		
10	64QAM	1	0	21.30	20.99	20.91	22.5	2
10	64QAM	1	25	21.01	21.16	21.08		
10	64QAM	1	49	21.18	21.14	21.03		
10	64QAM	25	0	20.22	20.08	20.14	21.5	3
10	64QAM	25	12	20.10	19.93	20.16		
10	64QAM	25	25	20.10	19.94	19.93		
10	64QAM	50	0	20.26	19.95	20.18		
10	256QAM	1	0	17.99	17.97	17.99	19.5	5
10	256QAM	1	25	17.95	17.90	17.70		
10	256QAM	1	49	17.66	18.14	18.04		
10	256QAM	25	0	17.96	18.13	17.89	19.5	5
10	256QAM	25	12	18.00	17.94	17.85		
10	256QAM	25	25	18.31	18.19	17.95		
10	256QAM	50	0	17.79	18.05	18.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	23.32	23.53	23.29	24.5	0
5	QPSK	1	12	23.06	23.15	23.15		
5	QPSK	1	24	23.33	23.24	23.35		
5	QPSK	12	0	22.31	22.36	22.28	23.5	1
5	QPSK	12	7	22.10	22.19	22.33		
5	QPSK	12	13	22.19	22.04	22.27		
5	QPSK	25	0	21.87	22.21	22.21		
5	16QAM	1	0	22.05	22.01	21.94	23.5	1
5	16QAM	1	12	21.98	22.14	22.25		
5	16QAM	1	24	22.09	22.08	22.12		
5	16QAM	12	0	21.28	21.09	21.09	22.5	2
5	16QAM	12	7	21.14	21.03	20.98		
5	16QAM	12	13	21.14	21.00	21.43		
5	16QAM	25	0	21.14	20.78	21.06		
5	64QAM	1	0	21.27	21.05	20.98	22.5	2
5	64QAM	1	12	20.98	21.21	21.14		
5	64QAM	1	24	21.19	21.14	21.03		
5	64QAM	12	0	20.17	20.13	20.17	21.5	3
5	64QAM	12	7	20.13	19.93	20.17		
5	64QAM	12	13	20.13	19.93	19.93		
5	64QAM	25	0	20.22	19.90	20.16		
5	256QAM	1	0	18.04	17.89	18.03	19.5	5
5	256QAM	1	12	17.98	17.89	17.72		
5	256QAM	1	24	17.63	18.13	18.01		
5	256QAM	12	0	17.95	18.05	17.89	19.5	5
5	256QAM	12	7	18.02	17.84	17.87		
5	256QAM	12	13	18.31	18.17	17.89		
5	256QAM	25	0	17.78	18.05	18.18		

LTE Band 38 Ant 1 Full power

BW [MHz]	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	23.71	23.72	23.64	25	0
20	QPSK	1	49	23.42	23.69	23.58		
20	QPSK	1	99	23.67	23.47	23.59		
20	QPSK	50	0	22.74	22.81	22.70	24	1
20	QPSK	50	24	22.47	22.55	22.64		
20	QPSK	50	50	22.69	22.45	22.61		
20	QPSK	100	0	22.67	22.75	22.70		
20	16QAM	1	0	22.66	22.53	22.54	24	1
20	16QAM	1	49	22.54	22.63	22.61		
20	16QAM	1	99	22.54	22.72	22.55		
20	16QAM	50	0	21.78	21.56	21.66	23	2
20	16QAM	50	24	21.75	21.54	21.60		
20	16QAM	50	50	21.58	21.62	21.67		
20	16QAM	100	0	21.63	21.43	21.55		
20	64QAM	1	0	21.69	21.58	21.65	23	2
20	64QAM	1	49	21.51	21.48	21.67		
20	64QAM	1	99	21.53	21.53	21.67		
20	64QAM	50	0	20.75	20.71	20.77	22	3
20	64QAM	50	24	20.89	20.77	20.68		
20	64QAM	50	50	20.68	20.52	20.72		
20	64QAM	100	0	20.88	20.77	20.72		
20	256QAM	1	0	18.59	18.33	18.46	20	5
20	256QAM	1	49	18.57	18.52	18.33		
15	QPSK	36	39	22.57	22.36	22.54	24	1
15	QPSK	75	0	22.55	22.69	22.58		
15	16QAM	1	0	22.53	22.46	22.44	24	1
15	16QAM	1	37	22.43	22.52	22.55		
15	16QAM	1	74	22.43	22.62	22.48		
15	16QAM	36	0	21.68	21.47	21.60	23	2
15	16QAM	36	20	21.69	21.46	21.55		
15	16QAM	36	39	21.47	21.50	21.59		
15	16QAM	75	0	21.57	21.33	21.47		
15	64QAM	1	0	21.65	21.49	21.60	23	2
15	64QAM	1	37	21.38	21.40	21.63		
15	64QAM	1	74	21.42	21.43	21.60		
15	64QAM	36	0	20.64	20.62	20.72	22	3
15	64QAM	36	20	20.77	20.64	20.55		
15	64QAM	36	39	20.59	20.49	20.67		
15	64QAM	75	0	20.84	20.66	20.61		
15	256QAM	1	37	18.52	18.47	18.21	20	5
15	256QAM	1	74	18.25	18.52	18.43		
15	256QAM	36	0	18.41	18.35	18.54	20	5
15	256QAM	36	20	18.47	18.39	18.65		
15	256QAM	36	39	18.60	18.64	18.35		
15	256QAM	75	0	18.43	18.37	18.71		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.67	23.69	23.57	25	0
10	QPSK	1	25	23.32	23.57	23.52		
10	QPSK	1	49	23.63	23.40	23.48		
10	QPSK	25	0	22.64	22.76	22.63	24	1
10	QPSK	25	12	22.34	22.42	22.56		
10	QPSK	25	25	22.57	22.36	22.48		
10	QPSK	50	0	22.56	22.70	22.59		
10	16QAM	1	0	22.62	22.43	22.42	24	1
10	16QAM	1	25	22.41	22.52	22.48		
10	16QAM	1	49	22.47	22.64	22.45		
10	16QAM	25	0	21.68	21.53	21.58	23	2
10	16QAM	25	12	21.64	21.46	21.48		
10	16QAM	25	25	21.46	21.55	21.62		
10	16QAM	50	0	21.59	21.39	21.51		
10	64QAM	1	0	21.62	21.51	21.62	23	2
10	64QAM	1	25	21.47	21.41	21.62		
10	64QAM	1	49	21.48	21.44	21.61		
10	64QAM	25	0	20.67	20.64	20.65	22	3
10	64QAM	25	12	20.80	20.73	20.56		
10	64QAM	25	25	20.61	20.45	20.66		
10	64QAM	50	0	20.75	20.66	20.62		
10	256QAM	1	0	18.52	18.28	18.35	20	5
10	256QAM	1	25	18.49	18.47	18.22		
10	256QAM	1	49	18.26	18.44	18.51		
10	256QAM	25	0	18.44	18.32	18.46	20	5
10	256QAM	25	12	18.48	18.44	18.63		
10	256QAM	25	25	18.59	18.58	18.40		
10	256QAM	50	0	18.49	18.42	18.69		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.61	23.55	25	0
5	QPSK	1	12	23.30	23.66	23.52		
5	QPSK	1	24	23.63	23.37	23.53		
5	QPSK	12	0	22.69	22.69	22.66	24	1
5	QPSK	12	7	22.38	22.48	22.55		
5	QPSK	12	13	22.58	22.33	22.53		
5	QPSK	25	0	22.61	22.68	22.63		
5	16QAM	1	0	22.55	22.43	22.48	24	1
5	16QAM	1	12	22.48	22.59	22.55		
5	16QAM	1	24	22.50	22.62	22.47		
5	16QAM	12	0	21.72	21.44	21.58	23	2
5	16QAM	12	7	21.65	21.45	21.49		
5	16QAM	12	13	21.49	21.59	21.61		
5	16QAM	25	0	21.55	21.36	21.49		
5	64QAM	1	0	21.59	21.53	21.55	23	2
5	64QAM	1	12	21.45	21.41	21.60		
5	64QAM	1	24	21.44	21.49	21.63		
5	64QAM	12	0	20.66	20.61	20.72	22	3
5	64QAM	12	7	20.85	20.70	20.56		
5	64QAM	12	13	20.60	20.40	20.67		
5	64QAM	25	0	20.85	20.73	20.63		
5	256QAM	1	0	18.56	18.21	18.42	20	5
5	256QAM	1	12	18.45	18.41	18.30		
5	256QAM	1	24	18.24	18.49	18.48		
5	256QAM	12	0	18.47	18.30	18.49	20	5
5	256QAM	12	7	18.52	18.46	18.63		
5	256QAM	12	13	18.57	18.58	18.38		
5	256QAM	25	0	18.43	18.40	18.69		

LTE Band 41 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. /	Power Middle Ch. / Freq.	Power High Middle Ch. /	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	23.80	23.93	23.98	23.93	23.74	25	0
20	QPSK	1	49	23.54	23.70	23.81	23.78	23.64		
20	QPSK	1	99	23.71	23.83	23.68	23.76	23.76		
20	QPSK	50	0	22.85	22.93	22.95	22.91	22.79	24	1
20	QPSK	50	24	22.57	22.66	22.68	22.92	22.75		
20	QPSK	50	50	22.72	22.87	22.76	22.87	22.88		
20	QPSK	100	0	22.78	22.91	22.92	22.82	22.72		
20	16QAM	1	0	22.80	22.92	22.80	22.73	22.59	24	1
20	16QAM	1	49	22.61	22.79	22.79	22.78	22.74		
20	16QAM	1	99	22.70	22.79	22.88	22.79	22.67		
20	16QAM	50	0	21.85	21.90	21.68	21.94	21.79	23	2
20	16QAM	50	24	21.88	22.00	21.75	21.75	21.66		
20	16QAM	50	50	21.80	21.83	21.76	21.92	21.77		
20	16QAM	100	0	21.64	21.87	21.67	21.68	21.65		
20	64QAM	1	0	21.70	21.90	21.76	21.91	21.86	23	2
20	64QAM	1	49	21.66	21.79	21.76	21.78	21.66		
20	64QAM	1	99	21.61	21.76	21.74	21.94	21.83		
20	64QAM	50	0	20.70	20.85	20.94	21.08	20.87	22	3
20	64QAM	50	24	20.97	21.04	20.95	20.87	20.78		
20	64QAM	50	50	20.86	20.88	20.77	20.84	20.78		
20	64QAM	100	0	20.93	21.06	20.91	20.92	20.82		
20	256QAM	1	0	18.65	18.78	18.60	18.66	18.63	20	5
20	256QAM	1	49	18.73	18.79	18.72	18.55	18.48		
15	QPSK	36	39	22.59	22.84	22.70	22.79	22.78	24	1
15	QPSK	75	0	22.70	22.80	22.84	22.78	22.61		
15	16QAM	1	0	22.72	22.79	22.69	22.60	22.55	24	1
15	16QAM	1	37	22.56	22.71	22.76	22.70	22.64		
15	16QAM	1	74	22.66	22.75	22.84	22.71	22.64		
15	16QAM	36	0	21.79	21.84	21.57	21.82	21.70	23	2
15	16QAM	36	20	21.83	21.91	21.70	21.66	21.55		
15	16QAM	36	39	21.77	21.80	21.68	21.86	21.65		
15	16QAM	75	0	21.58	21.78	21.57	21.61	21.57		
15	64QAM	1	0	21.58	21.81	21.66	21.85	21.75	23	2
15	64QAM	1	37	21.62	21.75	21.67	21.74	21.59		
15	64QAM	1	74	21.54	21.66	21.69	21.83	21.76		
15	64QAM	36	0	20.62	20.76	20.89	20.97	20.82	22	3
15	64QAM	36	20	20.89	20.98	20.86	20.75	20.72		
15	64QAM	36	39	20.83	20.85	20.70	20.71	20.72		
15	64QAM	75	0	20.81	21.01	20.84	20.86	20.73		
15	256QAM	1	37	18.65	18.76	18.62	18.51	18.41	20	5
15	256QAM	1	74	18.42	18.54	18.73	18.74	18.65		
15	256QAM	36	0	18.41	18.61	18.46	18.78	18.62	20	5
15	256QAM	36	20	18.54	18.77	18.72	18.82	18.66		
15	256QAM	36	39	18.64	18.76	18.81	18.62	18.49		
15	256QAM	75	0	18.59	18.67	18.60	18.90	18.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.83	23.85	23.84	23.64	25.00	0
10	QPSK	1	25	23.51	23.59	23.75	23.72	23.59		
10	QPSK	1	49	23.68	23.72	23.61	23.64	23.70		
10	QPSK	25	0	22.74	22.88	22.86	22.79	22.69	24	1
10	QPSK	25	12	22.44	22.59	22.57	22.88	22.70		
10	QPSK	25	25	22.65	22.79	22.71	22.79	22.81		
10	QPSK	50	0	22.68	22.79	22.87	22.74	22.63		
10	16QAM	1	0	22.76	22.81	22.76	22.60	22.48	24	1
10	16QAM	1	25	22.49	22.74	22.75	22.75	22.61		
10	16QAM	1	49	22.65	22.75	22.79	22.71	22.62		
10	16QAM	25	0	21.74	21.80	21.65	21.91	21.69	23	2
10	16QAM	25	12	21.80	21.97	21.68	21.70	21.62		
10	16QAM	25	25	21.69	21.77	21.69	21.84	21.71		
10	16QAM	50	0	21.60	21.84	21.58	21.58	21.53		
10	64QAM	1	0	21.63	21.82	21.69	21.84	21.82	23	2
10	64QAM	1	25	21.56	21.70	21.69	21.68	21.60		
10	64QAM	1	49	21.54	21.67	21.69	21.85	21.76		
10	64QAM	25	0	20.64	20.82	20.88	21.00	20.77	22	3
10	64QAM	25	12	20.90	20.96	20.91	20.81	20.68		
10	64QAM	25	25	20.78	20.82	20.70	20.72	20.66		
10	64QAM	50	0	20.89	20.96	20.87	20.82	20.74		
10	256QAM	1	0	18.53	18.72	18.57	18.58	18.54	20	5
10	256QAM	1	25	18.66	18.74	18.66	18.46	18.40		
10	256QAM	1	49	18.44	18.52	18.66	18.73	18.65		
10	256QAM	25	0	18.43	18.62	18.45	18.74	18.61	20	5
10	256QAM	25	12	18.63	18.71	18.66	18.78	18.64		
10	256QAM	25	25	18.56	18.69	18.84	18.57	18.53		
10	256QAM	50	0	18.57	18.70	18.62	18.91	18.67		
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	23.77	23.80	23.88	23.89	23.69	25.00	0
5	QPSK	1	12	23.44	23.66	23.78	23.67	23.55		
5	QPSK	1	24	23.62	23.71	23.62	23.64	23.63		
5	QPSK	12	0	22.73	22.80	22.86	22.79	22.72	24	1
5	QPSK	12	7	22.45	22.58	22.63	22.89	22.62		
5	QPSK	12	13	22.66	22.80	22.65	22.81	22.82		
5	QPSK	25	0	22.72	22.83	22.80	22.76	22.66		
5	16QAM	1	0	22.69	22.89	22.74	22.60	22.54	24	1
5	16QAM	1	12	22.49	22.71	22.68	22.74	22.64		
5	16QAM	1	24	22.65	22.67	22.77	22.69	22.54		
5	16QAM	12	0	21.80	21.78	21.56	21.88	21.74	23	2
5	16QAM	12	7	21.79	21.94	21.63	21.64	21.56		
5	16QAM	12	13	21.76	21.80	21.66	21.87	21.67		
5	16QAM	25	0	21.54	21.75	21.58	21.61	21.60		
5	64QAM	1	0	21.61	21.85	21.68	21.85	21.82	23	2
5	64QAM	1	12	21.61	21.68	21.66	21.69	21.55		
5	64QAM	1	24	21.58	21.69	21.64	21.83	21.72		
5	64QAM	12	0	20.57	20.76	20.82	21.02	20.81	22	3
5	64QAM	12	7	20.86	20.98	20.90	20.83	20.66		
5	64QAM	12	13	20.78	20.76	20.67	20.78	20.73		
5	64QAM	25	0	20.89	21.03	20.83	20.83	20.77		
5	256QAM	1	0	18.58	18.67	18.54	18.54	18.58	20	5
5	256QAM	1	12	18.67	18.72	18.63	18.43	18.40		
5	256QAM	1	24	18.41	18.47	18.63	18.76	18.60		
5	256QAM	12	0	18.42	18.61	18.48	18.73	18.64	20	5
5	256QAM	12	7	18.55	18.75	18.64	18.81	18.72		
5	256QAM	12	13	18.58	18.76	18.88	18.65	18.57		
5	256QAM	25	0	18.51	18.64	18.62	18.86	18.73		

Band 2 Ant 2 Full power

BW [MHz]	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	23.76	23.86	23.79	25	0
20	QPSK	1	49	23.54	23.69	23.56		
20	QPSK	1	99	23.73	23.58	23.74		
20	QPSK	50	0	22.74	22.85	22.75	24	1
20	QPSK	50	24	22.50	22.49	22.77		
20	QPSK	50	50	22.79	22.47	22.75		
20	QPSK	100	0	22.64	22.75	22.73		
20	16QAM	1	0	22.73	22.65	22.64	24	1
20	16QAM	1	49	22.62	22.53	22.60		
20	16QAM	1	99	22.70	22.77	22.62		
20	16QAM	50	0	21.77	21.59	21.68	23	2
20	16QAM	50	24	21.81	21.51	21.67		
20	16QAM	50	50	21.71	21.67	21.79		
20	16QAM	100	0	21.72	21.53	21.58		
20	64QAM	1	0	21.76	21.70	21.73	23	2
20	64QAM	1	49	21.62	21.61	21.62		
20	64QAM	1	99	21.59	21.57	21.77		
20	64QAM	50	0	20.78	20.74	20.90	22	3
20	64QAM	50	24	20.91	20.81	20.71		
20	64QAM	50	50	20.84	20.53	20.84		
20	64QAM	100	0	20.92	20.89	20.82		
20	256QAM	1	0	18.62	18.53	18.57	20	5
20	256QAM	1	49	18.77	18.59	18.51		
15	QPSK	36	39	22.68	22.40	22.55	24	1
15	QPSK	75	0	22.50	22.54	22.58		
15	16QAM	1	0	22.58	22.49	22.45	24	1
15	16QAM	1	37	22.40	22.46	22.48		
15	16QAM	1	74	22.57	22.60	22.50		
15	16QAM	36	0	21.67	21.37	21.54	23	2
15	16QAM	36	20	21.56	21.36	21.48		
15	16QAM	36	39	21.61	21.50	21.59		
15	16QAM	75	0	21.54	21.28	21.43		
15	64QAM	1	0	21.52	21.47	21.61	23	2
15	64QAM	1	37	21.47	21.38	21.55		
15	64QAM	1	74	21.48	21.45	21.64		
15	64QAM	36	0	20.63	20.61	20.74	22	3
15	64QAM	36	20	20.75	20.59	20.53		
15	64QAM	36	39	20.64	20.48	20.68		
15	64QAM	75	0	20.78	20.67	20.65		
15	256QAM	1	37	18.59	18.46	18.28	20	5
15	256QAM	1	74	18.19	18.42	18.56		
15	256QAM	36	0	18.34	18.28	18.49	20	5
15	256QAM	36	20	18.49	18.54	18.57		
15	256QAM	36	39	18.56	18.47	18.33		
15	256QAM	75	0	18.49	18.45	18.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.65	23.77	23.61	25	0
10	QPSK	1	25	23.32	23.56	23.48		
10	QPSK	1	49	23.67	23.48	23.56		
10	QPSK	25	0	22.63	22.71	22.65	24	1
10	QPSK	25	12	22.32	22.36	22.57		
10	QPSK	25	25	22.62	22.42	22.53		
10	QPSK	50	0	22.58	22.53	22.59		
10	16QAM	1	0	22.59	22.51	22.43	24	1
10	16QAM	1	25	22.42	22.44	22.53		
10	16QAM	1	49	22.56	22.62	22.56		
10	16QAM	25	0	21.62	21.37	21.53	23	2
10	16QAM	25	12	21.61	21.35	21.46		
10	16QAM	25	25	21.55	21.53	21.71		
10	16QAM	50	0	21.57	21.38	21.52		
10	64QAM	1	0	21.57	21.55	21.65	23	2
10	64QAM	1	25	21.44	21.42	21.46		
10	64QAM	1	49	21.44	21.51	21.70		
10	64QAM	25	0	20.61	20.55	20.76	22	3
10	64QAM	25	12	20.82	20.68	20.56		
10	64QAM	25	25	20.66	20.38	20.68		
10	64QAM	50	0	20.72	20.72	20.61		
10	256QAM	1	0	18.51	18.41	18.42	20	5
10	256QAM	1	25	18.58	18.39	18.35		
10	256QAM	1	49	18.21	18.46	18.49		
10	256QAM	25	0	18.34	18.34	18.42	20	5
10	256QAM	25	12	18.49	18.46	18.61		
10	256QAM	25	25	18.49	18.54	18.35		
10	256QAM	50	0	18.46	18.41	18.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.67	23.71	23.64	25	0
5	QPSK	1	12	23.38	23.60	23.44		
5	QPSK	1	24	23.59	23.46	23.50		
5	QPSK	12	0	22.55	22.62	22.70	24	1
5	QPSK	12	7	22.30	22.41	22.58		
5	QPSK	12	13	22.61	22.40	22.54		
5	QPSK	25	0	22.58	22.54	22.58		
5	16QAM	1	0	22.63	22.49	22.50	24	1
5	16QAM	1	12	22.46	22.38	22.53		
5	16QAM	1	24	22.61	22.54	22.50		
5	16QAM	12	0	21.67	21.40	21.58	23	2
5	16QAM	12	7	21.60	21.36	21.51		
5	16QAM	12	13	21.60	21.47	21.67		
5	16QAM	25	0	21.60	21.33	21.43		
5	64QAM	1	0	21.60	21.50	21.68	23	2
5	64QAM	1	12	21.47	21.40	21.46		
5	64QAM	1	24	21.44	21.49	21.62		
5	64QAM	12	0	20.61	20.61	20.75	22	3
5	64QAM	12	7	20.80	20.63	20.56		
5	64QAM	12	13	20.68	20.44	20.61		
5	64QAM	25	0	20.80	20.74	20.56		
5	256QAM	1	0	18.51	18.30	18.40	20	5
5	256QAM	1	12	18.62	18.44	18.27		
5	256QAM	1	24	18.30	18.39	18.56		
5	256QAM	12	0	18.40	18.27	18.49	20	5
5	256QAM	12	7	18.56	18.51	18.56		
5	256QAM	12	13	18.50	18.49	18.31		
5	256QAM	25	0	18.51	18.39	18.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.69	23.71	23.64	25	0
3	QPSK	1	8	23.41	23.58	23.42		
3	QPSK	1	14	23.63	23.43	23.53		
3	QPSK	8	0	22.64	22.63	22.67	24	1
3	QPSK	8	4	22.42	22.36	22.60		
3	QPSK	8	7	22.67	22.33	22.51		
3	QPSK	15	0	22.58	22.53	22.60		
3	16QAM	1	0	22.54	22.52	22.52	24	1
3	16QAM	1	8	22.48	22.40	22.55		
3	16QAM	1	14	22.51	22.62	22.51		
3	16QAM	8	0	21.65	21.40	21.54	23	2
3	16QAM	8	4	21.56	21.42	21.44		
3	16QAM	8	7	21.58	21.50	21.68		
3	16QAM	15	0	21.61	21.29	21.47		
3	64QAM	1	0	21.52	21.52	21.64	23	2
3	64QAM	1	8	21.45	21.43	21.51		
3	64QAM	1	14	21.54	21.46	21.61		
3	64QAM	8	0	20.59	20.59	20.82	22	3
3	64QAM	8	4	20.82	20.65	20.58		
3	64QAM	8	7	20.71	20.41	20.70		
3	64QAM	15	0	20.82	20.68	20.58		
3	256QAM	1	0	18.51	18.40	18.41	20	5
3	256QAM	1	8	18.53	18.42	18.32		
3	256QAM	1	14	18.26	18.40	18.48		
3	256QAM	8	0	18.41	18.30	18.47	20	5
3	256QAM	8	4	18.56	18.54	18.59		
3	256QAM	8	7	18.48	18.55	18.33		
3	256QAM	15	0	18.42	18.38	18.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.70	23.77	23.64	25	0
1.4	QPSK	1	3	23.41	23.59	23.46		
1.4	QPSK	1	5	23.68	23.44	23.58		
1.4	QPSK	3	0	22.66	22.70	22.65	24	1
1.4	QPSK	3	1	22.42	22.36	22.55		
1.4	QPSK	3	3	22.69	22.37	22.52		
1.4	QPSK	6	0	22.57	22.57	22.54		
1.4	16QAM	1	0	22.58	22.51	22.45	24	1
1.4	16QAM	1	3	22.43	22.43	22.44		
1.4	16QAM	1	5	22.59	22.59	22.55		
1.4	16QAM	3	0	21.68	21.46	21.52	23	2
1.4	16QAM	3	1	21.60	21.35	21.46		
1.4	16QAM	3	3	21.55	21.52	21.69		
1.4	16QAM	6	0	21.56	21.37	21.48		
1.4	64QAM	1	0	21.58	21.52	21.66	23	2
1.4	64QAM	1	3	21.45	21.38	21.56		
1.4	64QAM	1	5	21.46	21.43	21.71		
1.4	64QAM	3	0	20.58	20.61	20.80	22	3
1.4	64QAM	3	1	20.76	20.67	20.53		
1.4	64QAM	3	3	20.70	20.43	20.64		
1.4	64QAM	6	0	20.78	20.72	20.63		
1.4	256QAM	1	0	18.52	18.32	18.43	20	5
1.4	256QAM	1	3	18.57	18.42	18.32		
1.4	256QAM	1	5	18.30	18.42	18.53		
1.4	256QAM	3	0	18.33	18.34	18.41	20	5
1.4	256QAM	3	1	18.52	18.48	18.58		
1.4	256QAM	3	3	18.51	18.54	18.32		
1.4	256QAM	6	0	18.46	18.42	18.60		

Band 4 Ant 2 Full power

BW [MHz]	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	24.19	24.31	24.30	25	0
20	QPSK	1	49	23.97	24.17	24.02		
20	QPSK	1	99	24.12	24.07	24.04		
20	QPSK	50	0	23.28	23.30	23.20	24	1
20	QPSK	50	24	23.04	23.05	23.18		
20	QPSK	50	50	23.19	23.06	23.16		
20	QPSK	100	0	23.16	23.22	23.12		
20	16QAM	1	0	23.22	23.08	23.12	24	1
20	16QAM	1	49	23.08	23.06	23.11		
20	16QAM	1	99	23.06	23.23	23.03		
20	16QAM	50	0	22.24	22.09	22.18	23	2
20	16QAM	50	24	22.28	22.10	22.07		
20	16QAM	50	50	22.19	22.16	22.29		
20	16QAM	100	0	22.18	21.98	22.03		
20	64QAM	1	0	22.25	22.18	22.20	23	2
20	64QAM	1	49	22.02	22.05	22.13		
20	64QAM	1	99	22.02	22.14	22.23		
20	64QAM	50	0	21.17	21.17	21.38	22	3
20	64QAM	50	24	21.35	21.24	21.23		
20	64QAM	50	50	21.25	21.01	21.18		
20	64QAM	100	0	21.38	21.26	21.26		
20	256QAM	1	0	19.21	18.86	19.02	20	5
20	256QAM	1	49	19.14	19.01	18.92		
15	QPSK	36	39	23.08	23.01	23.09	24	1
15	QPSK	75	0	23.04	23.15	23.01		
15	16QAM	1	0	23.12	23.00	23.05	24	1
15	16QAM	1	37	23.00	22.94	23.01		
15	16QAM	1	74	22.97	23.19	22.99		
15	16QAM	36	0	22.12	22.05	22.07	23	2
15	16QAM	36	20	22.24	21.97	22.04		
15	16QAM	36	39	22.15	22.10	22.24		
15	16QAM	75	0	22.12	21.94	21.92		
15	64QAM	1	0	22.20	22.05	22.15	23	2
15	64QAM	1	37	21.96	22.00	22.01		
15	64QAM	1	74	21.92	22.11	22.14		
15	64QAM	36	0	21.06	21.13	21.29	22	3
15	64QAM	36	20	21.23	21.20	21.17		
15	64QAM	36	39	21.13	20.97	21.06		
15	64QAM	75	0	21.31	21.22	21.20		
15	256QAM	1	37	19.09	18.91	18.88	20	5
15	256QAM	1	74	18.84	18.98	19.09		
15	256QAM	36	0	18.85	18.75	19.05	20	5
15	256QAM	36	20	18.95	18.92	19.16		
15	256QAM	36	39	18.96	19.07	18.85		
15	256QAM	75	0	18.97	18.85	19.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.11	24.22	24.21	25	0
10	QPSK	1	25	23.87	24.07	23.90		
10	QPSK	1	49	24.02	24.00	23.93		
10	QPSK	25	0	23.21	23.18	23.15	24	1
10	QPSK	25	12	22.99	22.93	23.09		
10	QPSK	25	25	23.13	22.97	23.10		
10	QPSK	50	0	23.08	23.11	23.06		
10	16QAM	1	0	23.14	22.99	23.06	24	1
10	16QAM	1	25	23.01	23.01	22.99		
10	16QAM	1	49	22.97	23.10	22.91		
10	16QAM	25	0	22.12	22.05	22.11	23	2
10	16QAM	25	12	22.20	22.00	21.94		
10	16QAM	25	25	22.12	22.04	22.23		
10	16QAM	50	0	22.08	21.91	21.94		
10	64QAM	1	0	22.21	22.14	22.10	23	2
10	64QAM	1	25	21.90	21.99	22.05		
10	64QAM	1	49	21.92	22.07	22.12		
10	64QAM	25	0	21.13	21.06	21.27	22	3
10	64QAM	25	12	21.23	21.14	21.17		
10	64QAM	25	25	21.16	20.88	21.14		
10	64QAM	50	0	21.26	21.15	21.20		
10	256QAM	1	0	19.16	18.82	18.89	20	5
10	256QAM	1	25	19.07	18.93	18.88		
10	256QAM	1	49	18.78	19.07	19.06		
10	256QAM	25	0	18.93	18.78	19.01	20	5
10	256QAM	25	12	19.02	18.93	19.14		
10	256QAM	25	25	18.97	19.12	18.85		
10	256QAM	50	0	18.92	18.84	19.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.10	24.30	24.24	25	0
5	QPSK	1	12	23.85	24.14	23.90		
5	QPSK	1	24	24.01	23.99	23.93		
5	QPSK	12	0	23.23	23.23	23.08	24	1
5	QPSK	12	7	22.95	22.96	23.11		
5	QPSK	12	13	23.08	22.98	23.06		
5	QPSK	25	0	23.10	23.12	23.06		
5	16QAM	1	0	23.18	23.04	23.05	24	1
5	16QAM	1	12	22.97	23.02	23.06		
5	16QAM	1	24	23.02	23.11	22.95		
5	16QAM	12	0	22.14	22.05	22.11	23	2
5	16QAM	12	7	22.15	21.97	22.00		
5	16QAM	12	13	22.07	22.09	22.18		
5	16QAM	25	0	22.08	21.87	21.95		
5	64QAM	1	0	22.15	22.11	22.09	23	2
5	64QAM	1	12	21.90	22.01	22.00		
5	64QAM	1	24	21.92	22.02	22.11		
5	64QAM	12	0	21.09	21.10	21.27	22	3
5	64QAM	12	7	21.25	21.18	21.18		
5	64QAM	12	13	21.18	20.93	21.06		
5	64QAM	25	0	21.25	21.14	21.23		
5	256QAM	1	0	19.10	18.78	18.97	20	5
5	256QAM	1	12	19.06	18.90	18.80		
5	256QAM	1	24	18.84	19.05	19.08		
5	256QAM	12	0	18.93	18.72	19.00	20	5
5	256QAM	12	7	18.97	18.96	19.07		
5	256QAM	12	13	18.93	19.08	18.79		
5	256QAM	25	0	18.94	18.93	19.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.06	24.25	24.19	25	0
3	QPSK	1	8	23.85	24.09	23.97		
3	QPSK	1	14	24.04	23.95	23.95		
3	QPSK	8	0	23.17	23.26	23.14	24	1
3	QPSK	8	4	22.94	22.95	23.13		
3	QPSK	8	7	23.12	22.96	23.08		
3	QPSK	15	0	23.05	23.15	23.02		
3	16QAM	1	0	23.18	23.03	23.05	24	1
3	16QAM	1	8	23.04	22.96	22.98		
3	16QAM	1	14	23.03	23.18	22.90		
3	16QAM	8	0	22.21	21.97	22.12	23	2
3	16QAM	8	4	22.23	22.01	21.98		
3	16QAM	8	7	22.11	22.08	22.25		
3	16QAM	15	0	22.14	21.87	21.92		
3	64QAM	1	0	22.21	22.08	22.14	23	2
3	64QAM	1	8	21.94	21.93	22.10		
3	64QAM	1	14	21.89	22.03	22.16		
3	64QAM	8	0	21.09	21.10	21.30	22	3
3	64QAM	8	4	21.26	21.11	21.20		
3	64QAM	8	7	21.16	20.89	21.13		
3	64QAM	15	0	21.34	21.16	21.13		
3	256QAM	1	0	19.16	18.81	18.95	20	5
3	256QAM	1	8	19.08	18.98	18.89		
3	256QAM	1	14	18.78	18.99	19.12		
3	256QAM	8	0	18.88	18.82	19.05	20	5
3	256QAM	8	4	18.96	18.95	19.14		
3	256QAM	8	7	18.98	19.06	18.81		
3	256QAM	15	0	18.93	18.93	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.22	24.21	25	0
1.4	QPSK	1	3	23.92	24.07	23.92		
1.4	QPSK	1	5	24.02	24.04	23.98		
1.4	QPSK	3	0	23.21	23.21	23.13	24	1
1.4	QPSK	3	1	22.99	22.95	23.12		
1.4	QPSK	3	3	23.15	22.95	23.08		
1.4	QPSK	6	0	23.04	23.15	23.01		
1.4	16QAM	1	0	23.19	23.02	23.02	24	1
1.4	16QAM	1	3	22.96	23.03	23.08		
1.4	16QAM	1	5	22.97	23.14	22.96		
1.4	16QAM	3	0	22.20	22.00	22.14	23	2
1.4	16QAM	3	1	22.18	22.04	22.01		
1.4	16QAM	3	3	22.09	22.06	22.25		
1.4	16QAM	6	0	22.13	21.95	21.97		
1.4	64QAM	1	0	22.16	22.13	22.08	23	2
1.4	64QAM	1	3	21.93	21.92	22.08		
1.4	64QAM	1	5	21.93	22.04	22.18		
1.4	64QAM	3	0	21.08	21.12	21.33	22	3
1.4	64QAM	3	1	21.29	21.18	21.13		
1.4	64QAM	3	3	21.19	20.90	21.12		
1.4	64QAM	6	0	21.27	21.20	21.22		
1.4	256QAM	1	0	19.08	18.76	18.96	20	5
1.4	256QAM	1	3	19.05	18.98	18.80		
1.4	256QAM	1	5	18.82	19.03	19.08		
1.4	256QAM	3	0	18.86	18.76	18.98	20	5
1.4	256QAM	3	1	18.94	18.87	19.15		
1.4	256QAM	3	3	18.96	19.14	18.83		
1.4	256QAM	6	0	18.98	18.87	19.18		

Band 7 Ant 2 Full power

BW [MHz]	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	23.67	23.80	23.78	25	0
20	QPSK	1	49	23.46	23.56	23.54		
20	QPSK	1	99	23.66	23.50	23.54		
20	QPSK	50	0	22.74	22.79	22.72	24	1
20	QPSK	50	24	22.44	22.48	22.64		
20	QPSK	50	50	22.71	22.49	22.65		
20	QPSK	100	0	22.62	22.71	22.62		
20	16QAM	1	0	22.71	22.61	22.54	24	1
20	16QAM	1	49	22.58	22.60	22.58		
20	16QAM	1	99	22.62	22.70	22.49		
20	16QAM	50	0	21.72	21.51	21.68	23	2
20	16QAM	50	24	21.72	21.51	21.57		
20	16QAM	50	50	21.57	21.59	21.67		
20	16QAM	100	0	21.58	21.44	21.52		
20	64QAM	1	0	21.63	21.59	21.59	23	2
20	64QAM	1	49	21.56	21.51	21.56		
20	64QAM	1	99	21.53	21.51	21.72		
20	64QAM	50	0	20.69	20.69	20.86	22	3
20	64QAM	50	24	20.76	20.71	20.62		
20	64QAM	50	50	20.68	20.49	20.65		
20	64QAM	100	0	20.79	20.71	20.75		
20	256QAM	1	0	18.63	18.33	18.41	20	5
20	256QAM	1	49	18.58	18.46	18.38		
15	QPSK	36	39	22.58	22.36	22.56	24	1
15	QPSK	75	0	22.53	22.62	22.54		
15	16QAM	1	0	22.62	22.54	22.47	24	1
15	16QAM	1	37	22.49	22.48	22.45		
15	16QAM	1	74	22.52	22.64	22.38		
15	16QAM	36	0	21.64	21.43	21.61	23	2
15	16QAM	36	20	21.62	21.47	21.48		
15	16QAM	36	39	21.48	21.53	21.57		
15	16QAM	75	0	21.53	21.37	21.43		
15	64QAM	1	0	21.52	21.53	21.47	23	2
15	64QAM	1	37	21.51	21.43	21.46		
15	64QAM	1	74	21.43	21.47	21.62		
15	64QAM	36	0	20.65	20.61	20.80	22	3
15	64QAM	36	20	20.65	20.61	20.57		
15	64QAM	36	39	20.59	20.41	20.57		
15	64QAM	75	0	20.74	20.65	20.68		
15	256QAM	1	37	18.50	18.42	18.28	20	5
15	256QAM	1	74	18.30	18.55	18.44		
15	256QAM	36	0	18.33	18.27	18.45	20	5
15	256QAM	36	20	18.52	18.37	18.57		
15	256QAM	36	39	18.53	18.55	18.34		
15	256QAM	75	0	18.44	18.38	18.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.62	23.77	23.67	25	0
10	QPSK	1	25	23.43	23.44	23.47		
10	QPSK	1	49	23.55	23.44	23.43		
10	QPSK	25	0	22.70	22.73	22.65	24	1
10	QPSK	25	12	22.40	22.43	22.54		
10	QPSK	25	25	22.63	22.42	22.56		
10	QPSK	50	0	22.55	22.65	22.51		
10	16QAM	1	0	22.62	22.52	22.50	24	1
10	16QAM	1	25	22.54	22.55	22.53		
10	16QAM	1	49	22.53	22.57	22.43		
10	16QAM	25	0	21.68	21.45	21.65	23	2
10	16QAM	25	12	21.68	21.47	21.50		
10	16QAM	25	25	21.54	21.53	21.59		
10	16QAM	50	0	21.48	21.31	21.47		
10	64QAM	1	0	21.52	21.50	21.54	23	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.41	21.43	21.66		
10	64QAM	25	0	20.64	20.66	20.79	22	3
10	64QAM	25	12	20.65	20.68	20.57		
10	64QAM	25	25	20.62	20.43	20.61		
10	64QAM	50	0	20.76	20.68	20.64		
10	256QAM	1	0	18.56	18.24	18.34	20	5
10	256QAM	1	25	18.50	18.36	18.32		
10	256QAM	1	49	18.30	18.48	18.48		
10	256QAM	25	0	18.41	18.29	18.51	20	5
10	256QAM	25	12	18.46	18.45	18.60		
10	256QAM	25	25	18.52	18.53	18.34		
10	256QAM	50	0	18.42	18.38	18.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.61	23.75	23.72	25	0
5	QPSK	1	12	23.38	23.45	23.48		
5	QPSK	1	24	23.61	23.39	23.43		
5	QPSK	12	0	22.68	22.68	22.67	24	1
5	QPSK	12	7	22.40	22.37	22.61		
5	QPSK	12	13	22.66	22.43	22.53		
5	QPSK	25	0	22.57	22.60	22.52		
5	16QAM	1	0	22.64	22.52	22.43	24	1
5	16QAM	1	12	22.48	22.49	22.53		
5	16QAM	1	24	22.56	22.63	22.39		
5	16QAM	12	0	21.63	21.39	21.59	23	2
5	16QAM	12	7	21.64	21.47	21.54		
5	16QAM	12	13	21.46	21.52	21.59		
5	16QAM	25	0	21.45	21.36	21.45		
5	64QAM	1	0	21.53	21.53	21.53	23	2
5	64QAM	1	12	21.45	21.42	21.49		
5	64QAM	1	24	21.49	21.47	21.68		
5	64QAM	12	0	20.56	20.65	20.79	22	3
5	64QAM	12	7	20.72	20.60	20.54		
5	64QAM	12	13	20.59	20.45	20.62		
5	64QAM	25	0	20.70	20.61	20.66		
5	256QAM	1	0	18.60	18.22	18.34	20	5
5	256QAM	1	12	18.54	18.36	18.28		
5	256QAM	1	24	18.32	18.46	18.42		
5	256QAM	12	0	18.40	18.21	18.52	20	5
5	256QAM	12	7	18.54	18.44	18.55		
5	256QAM	12	13	18.48	18.50	18.33		
5	256QAM	25	0	18.48	18.34	18.58		

Band 25 Ant 2 Full power

BW [MHz]	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	23.98	24.03	23.95	25	0
20	QPSK	1	49	23.68	23.82	23.76		
20	QPSK	1	99	23.88	23.78	23.74		
20	QPSK	50	0	22.94	23.02	22.93	24	1
20	QPSK	50	24	22.72	22.74	22.90		
20	QPSK	50	50	22.96	22.74	22.85		
20	QPSK	100	0	22.84	22.92	22.89		
20	16QAM	1	0	22.95	22.79	22.79	24	1
20	16QAM	1	49	22.82	22.86	22.90		
20	16QAM	1	99	22.86	22.90	22.79		
20	16QAM	50	0	21.95	21.75	22.00	23	2
20	16QAM	50	24	21.93	21.78	21.82		
20	16QAM	50	50	21.88	21.79	21.97		
20	16QAM	100	0	21.90	21.73	21.70		
20	64QAM	1	0	21.99	21.81	21.93	23	2
20	64QAM	1	49	21.77	21.77	21.81		
20	64QAM	1	99	21.82	21.79	21.95		
20	64QAM	50	0	20.90	20.90	21.06	22	3
20	64QAM	50	24	21.11	21.02	20.87		
20	64QAM	50	50	20.91	20.74	20.88		
20	64QAM	100	0	21.03	20.94	20.90		
20	256QAM	1	0	18.84	18.58	18.65	20	5
20	256QAM	1	49	18.81	18.75	18.60		
15	QPSK	36	39	22.84	22.68	22.81	24	1
15	QPSK	75	0	22.74	22.79	22.79		
15	16QAM	1	0	22.89	22.74	22.68	24	1
15	16QAM	1	37	22.77	22.81	22.78		
15	16QAM	1	74	22.77	22.79	22.72		
15	16QAM	36	0	21.82	21.63	21.97	23	2
15	16QAM	36	20	21.85	21.69	21.72		
15	16QAM	36	39	21.79	21.67	21.91		
15	16QAM	75	0	21.78	21.63	21.60		
15	64QAM	1	0	21.87	21.70	21.84	23	2
15	64QAM	1	37	21.73	21.74	21.70		
15	64QAM	1	74	21.77	21.68	21.85		
15	64QAM	36	0	20.83	20.86	21.01	22	3
15	64QAM	36	20	21.08	20.92	20.83		
15	64QAM	36	39	20.88	20.65	20.77		
15	64QAM	75	0	20.93	20.88	20.82		
15	256QAM	1	37	18.74	18.69	18.49	20	5
15	256QAM	1	74	18.40	18.74	18.79		
15	256QAM	36	0	18.60	18.58	18.78	20	5
15	256QAM	36	20	18.81	18.60	18.77		
15	256QAM	36	39	18.78	18.88	18.61		
15	256QAM	75	0	18.71	18.60	18.87		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.90	23.93	23.86	25	0
10	QPSK	1	25	23.56	23.78	23.64		
10	QPSK	1	49	23.81	23.70	23.69		
10	QPSK	25	0	22.90	22.96	22.82	24	1
10	QPSK	25	12	22.67	22.68	22.78		
10	QPSK	25	25	22.83	22.61	22.75		
10	QPSK	50	0	22.72	22.81	22.78		
10	16QAM	1	0	22.86	22.67	22.66	24	1
10	16QAM	1	25	22.73	22.81	22.82		
10	16QAM	1	49	22.82	22.78	22.76		
10	16QAM	25	0	21.88	21.70	21.88	23	2
10	16QAM	25	12	21.89	21.72	21.76		
10	16QAM	25	25	21.80	21.71	21.86		
10	16QAM	50	0	21.84	21.65	21.60		
10	64QAM	1	0	21.94	21.73	21.88	23	2
10	64QAM	1	25	21.65	21.65	21.69		
10	64QAM	1	49	21.74	21.76	21.88		
10	64QAM	25	0	20.78	20.86	20.97	22	3
10	64QAM	25	12	21.08	20.92	20.81		
10	64QAM	25	25	20.84	20.68	20.80		
10	64QAM	50	0	20.97	20.83	20.86		
10	256QAM	1	0	18.80	18.50	18.60	20	5
10	256QAM	1	25	18.73	18.69	18.47		
10	256QAM	1	49	18.40	18.75	18.79		
10	256QAM	25	0	18.58	18.58	18.73	20	5
10	256QAM	25	12	18.81	18.64	18.79		
10	256QAM	25	25	18.75	18.85	18.66		
10	256QAM	50	0	18.63	18.61	18.85		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.86	23.93	23.84	25	0
5	QPSK	1	12	23.65	23.78	23.66		
5	QPSK	1	24	23.75	23.72	23.68		
5	QPSK	12	0	22.85	22.91	22.84	24	1
5	QPSK	12	7	22.65	22.70	22.77		
5	QPSK	12	13	22.83	22.69	22.77		
5	QPSK	25	0	22.80	22.88	22.85		
5	16QAM	1	0	22.88	22.70	22.69	24	1
5	16QAM	1	12	22.70	22.78	22.77		
5	16QAM	1	24	22.76	22.78	22.69		
5	16QAM	12	0	21.85	21.71	21.93	23	2
5	16QAM	12	7	21.86	21.72	21.73		
5	16QAM	12	13	21.79	21.70	21.92		
5	16QAM	25	0	21.78	21.60	21.66		
5	64QAM	1	0	21.93	21.75	21.87	23	2
5	64QAM	1	12	21.73	21.69	21.68		
5	64QAM	1	24	21.77	21.73	21.87		
5	64QAM	12	0	20.78	20.86	21.01	22	3
5	64QAM	12	7	21.07	20.91	20.80		
5	64QAM	12	13	20.82	20.69	20.77		
5	64QAM	25	0	20.99	20.86	20.79		
5	256QAM	1	0	18.72	18.52	18.56	20	5
5	256QAM	1	12	18.78	18.71	18.56		
5	256QAM	1	24	18.42	18.80	18.75		
5	256QAM	12	0	18.58	18.55	18.73	20	5
5	256QAM	12	7	18.78	18.61	18.74		
5	256QAM	12	13	18.78	18.88	18.61		
5	256QAM	25	0	18.71	18.60	18.86		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.86	23.93	23.85	25	0
3	QPSK	1	8	23.63	23.73	23.65		
3	QPSK	1	14	23.81	23.66	23.67		
3	QPSK	8	0	22.85	22.99	22.87	24	1
3	QPSK	8	4	22.59	22.62	22.80		
3	QPSK	8	7	22.89	22.68	22.76		
3	QPSK	15	0	22.73	22.86	22.85		
3	16QAM	1	0	22.82	22.73	22.67	24	1
3	16QAM	1	8	22.71	22.79	22.80		
3	16QAM	1	14	22.81	22.84	22.72		
3	16QAM	8	0	21.85	21.65	21.91	23	2
3	16QAM	8	4	21.81	21.70	21.71		
3	16QAM	8	7	21.80	21.74	21.92		
3	16QAM	15	0	21.87	21.64	21.58		
3	64QAM	1	0	21.92	21.71	21.82	23	2
3	64QAM	1	8	21.69	21.72	21.77		
3	64QAM	1	14	21.77	21.76	21.90		
3	64QAM	8	0	20.79	20.84	20.98	22	3
3	64QAM	8	4	21.04	20.99	20.78		
3	64QAM	8	7	20.80	20.65	20.79		
3	64QAM	15	0	20.98	20.88	20.84		
3	256QAM	1	0	18.71	18.46	18.54	20	5
3	256QAM	1	8	18.69	18.63	18.51		
3	256QAM	1	14	18.48	18.73	18.76		
3	256QAM	8	0	18.57	18.51	18.76	20	5
3	256QAM	8	4	18.79	18.65	18.78		
3	256QAM	8	7	18.79	18.80	18.61		
3	256QAM	15	0	18.65	18.60	18.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.93	23.90	23.88	25	0
1.4	QPSK	1	3	23.64	23.78	23.73		
1.4	QPSK	1	5	23.82	23.66	23.65		
1.4	QPSK	3	0	22.86	22.96	22.89	24	1
1.4	QPSK	3	1	22.64	22.70	22.82		
1.4	QPSK	3	3	22.88	22.63	22.79		
1.4	QPSK	6	0	22.75	22.85	22.82		
1.4	16QAM	1	0	22.92	22.69	22.67	24	1
1.4	16QAM	1	3	22.76	22.81	22.84		
1.4	16QAM	1	5	22.75	22.84	22.69		
1.4	16QAM	3	0	21.91	21.68	21.96	23	2
1.4	16QAM	3	1	21.84	21.71	21.70		
1.4	16QAM	3	3	21.81	21.75	21.93		
1.4	16QAM	6	0	21.84	21.69	21.60		
1.4	64QAM	1	0	21.86	21.70	21.84	23	2
1.4	64QAM	1	3	21.64	21.70	21.72		
1.4	64QAM	1	5	21.77	21.73	21.89		
1.4	64QAM	3	0	20.81	20.84	21.01	22	3
1.4	64QAM	3	1	21.00	20.94	20.83		
1.4	64QAM	3	3	20.78	20.65	20.75		
1.4	64QAM	6	0	20.93	20.82	20.86		
1.4	256QAM	1	0	18.73	18.50	18.53	20	5
1.4	256QAM	1	3	18.77	18.68	18.53		
1.4	256QAM	1	5	18.41	18.74	18.80		
1.4	256QAM	3	0	18.61	18.55	18.78	20	5
1.4	256QAM	3	1	18.80	18.64	18.73		
1.4	256QAM	3	3	18.77	18.86	18.62		
1.4	256QAM	6	0	18.68	18.58	18.89		

Band 30 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.17		23	1
10	QPSK	25	12		22.06			
10	QPSK	25	25		22.11			
10	QPSK	50	0		22.15			
10	16QAM	1	0		22.30		23	1
10	16QAM	1	25		22.03			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.17		22	2
10	16QAM	25	12		21.03			
10	16QAM	25	25		20.98			
10	16QAM	50	0		21.09			
10	64QAM	1	0		21.26		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.16			
10	64QAM	25	0		20.15		21	3
10	64QAM	25	12		20.04			
10	64QAM	25	25		19.98			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.30		19	5
10	256QAM	1	25		18.15			
5	QPSK	12	13	22.02	21.98	21.98	23	1
5	QPSK	25	0	22.11	22.10	22.03		
5	16QAM	1	0	22.26	22.21	22.25	23	1
5	16QAM	1	12	21.94	21.94	21.96		
5	16QAM	1	24	22.02	22.05	21.97		
5	16QAM	12	0	21.06	21.04	21.11	22	2
5	16QAM	12	7	20.91	20.94	20.95		
5	16QAM	12	13	20.90	20.88	20.87		
5	16QAM	25	0	20.99	21.05	21.00		
5	64QAM	1	0	21.14	21.20	21.14	22	2
5	64QAM	1	12	21.18	21.17	21.12		
5	64QAM	1	24	21.07	21.12	21.06		
5	64QAM	12	0	20.06	20.10	20.07	21	3
5	64QAM	12	7	19.97	20.01	19.98		
5	64QAM	12	13	19.85	19.93	19.90		
5	64QAM	25	0	20.02	19.98	19.98		
5	256QAM	1	12	18.05	18.03	18.10	19	5
5	256QAM	1	24	18.12	18.20	18.14		
5	256QAM	12	0	18.12	18.04	18.09	19	5
5	256QAM	12	7	18.01	18.01	18.03		
5	256QAM	12	13	18.23	18.22	18.21		
5	256QAM	25	0	18.11	18.09	18.05		

Band 66 Ant 2 Full power

BW [MHz]	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	24.23	24.33	24.31	25	0
20	QPSK	1	49	24.01	24.22	24.12		
20	QPSK	1	99	24.22	24.00	24.14		
20	QPSK	50	0	23.22	23.28	23.26	24	1
20	QPSK	50	24	23.01	23.02	23.19		
20	QPSK	50	50	23.25	23.06	23.17		
20	QPSK	100	0	23.20	23.26	23.18		
20	16QAM	1	0	23.26	23.18	23.12	24	1
20	16QAM	1	49	23.09	23.07	23.19		
20	16QAM	1	99	23.13	23.26	23.11		
20	16QAM	50	0	22.28	22.10	22.25	23	2
20	16QAM	50	24	22.27	22.04	22.08		
20	16QAM	50	50	22.16	22.20	22.21		
20	16QAM	100	0	22.19	22.02	22.13		
20	64QAM	1	0	22.29	22.19	22.27	23	2
20	64QAM	1	49	22.07	22.07	22.22		
20	64QAM	1	99	22.10	22.09	22.26		
20	64QAM	50	0	21.29	21.29	21.32	22	3
20	64QAM	50	24	21.40	21.25	21.19		
20	64QAM	50	50	21.34	21.04	21.23		
20	64QAM	100	0	21.36	21.29	21.24		
20	256QAM	1	0	19.15	18.94	19.07	20	5
20	256QAM	1	49	19.12	19.04	18.87		
15	QPSK	36	39	23.22	22.95	23.09	24	1
15	QPSK	75	0	23.11	23.14	23.11		
15	16QAM	1	0	23.17	23.13	23.01	24	1
15	16QAM	1	37	22.99	22.94	23.08		
15	16QAM	1	74	23.08	23.20	23.06		
15	16QAM	36	0	22.16	22.05	22.21	23	2
15	16QAM	36	20	22.15	22.00	21.97		
15	16QAM	36	39	22.10	22.07	22.10		
15	16QAM	75	0	22.16	21.98	22.10		
15	64QAM	1	0	22.18	22.11	22.15	23	2
15	64QAM	1	37	22.01	21.99	22.15		
15	64QAM	1	74	21.97	22.01	22.18		
15	64QAM	36	0	21.26	21.16	21.25	22	3
15	64QAM	36	20	21.28	21.17	21.11		
15	64QAM	36	39	21.30	20.94	21.11		
15	64QAM	75	0	21.30	21.20	21.16		
15	256QAM	1	37	19.03	18.92	18.79	20	5
15	256QAM	1	74	18.79	18.94	19.01		
15	256QAM	36	0	18.84	18.92	19.04	20	5
15	256QAM	36	20	19.05	18.95	19.16		
15	256QAM	36	39	19.02	19.18	18.90		
15	256QAM	75	0	19.04	19.00	19.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.17	24.23	24.27	25	0
10	QPSK	1	25	23.90	24.15	24.04		
10	QPSK	1	49	24.16	23.88	24.06		
10	QPSK	25	0	23.12	23.21	23.14	24	1
10	QPSK	25	12	22.94	22.97	23.14		
10	QPSK	25	25	23.19	22.97	23.08		
10	QPSK	50	0	23.16	23.17	23.14		
10	16QAM	1	0	23.22	23.12	23.08	24	1
10	16QAM	1	25	23.06	22.97	23.11		
10	16QAM	1	49	23.10	23.16	23.01		
10	16QAM	25	0	22.17	22.00	22.20	23	2
10	16QAM	25	12	22.14	21.97	21.95		
10	16QAM	25	25	22.07	22.14	22.09		
10	16QAM	50	0	22.07	21.89	22.09		
10	64QAM	1	0	22.24	22.08	22.18	23	2
10	64QAM	1	25	21.98	21.99	22.15		
10	64QAM	1	49	22.05	22.03	22.15		
10	64QAM	25	0	21.25	21.23	21.20	22	3
10	64QAM	25	12	21.35	21.21	21.13		
10	64QAM	25	25	21.24	21.00	21.14		
10	64QAM	50	0	21.24	21.26	21.17		
10	256QAM	1	0	19.09	18.86	19.04	20	5
10	256QAM	1	25	19.03	18.98	18.78		
10	256QAM	1	49	18.81	18.96	19.06		
10	256QAM	25	0	18.91	18.94	19.09	20	5
10	256QAM	25	12	19.00	18.97	19.17		
10	256QAM	25	25	18.99	19.16	18.96		
10	256QAM	50	0	19.04	19.02	19.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.16	24.23	24.27	25	0
5	QPSK	1	12	23.92	24.16	24.00		
5	QPSK	1	24	24.14	23.91	24.07		
5	QPSK	12	0	23.17	23.20	23.22	24	1
5	QPSK	12	7	22.97	22.92	23.06		
5	QPSK	12	13	23.16	22.96	23.13		
5	QPSK	25	0	23.13	23.22	23.14		
5	16QAM	1	0	23.14	23.10	23.07	24	1
5	16QAM	1	12	23.01	23.00	23.11		
5	16QAM	1	24	23.04	23.16	23.02		
5	16QAM	12	0	22.20	22.01	22.20	23	2
5	16QAM	12	7	22.15	21.99	22.00		
5	16QAM	12	13	22.09	22.12	22.08		
5	16QAM	25	0	22.10	21.95	22.09		
5	64QAM	1	0	22.24	22.09	22.22	23	2
5	64QAM	1	12	21.94	21.98	22.15		
5	64QAM	1	24	22.02	22.04	22.13		
5	64QAM	12	0	21.19	21.18	21.22	22	3
5	64QAM	12	7	21.36	21.20	21.15		
5	64QAM	12	13	21.27	20.97	21.19		
5	64QAM	25	0	21.25	21.24	21.19		
5	256QAM	1	0	19.03	18.87	18.97	20	5
5	256QAM	1	12	19.08	18.97	18.75		
5	256QAM	1	24	18.76	18.95	19.00		
5	256QAM	12	0	18.92	18.93	19.02	20	5
5	256QAM	12	7	18.99	18.95	19.19		
5	256QAM	12	13	19.01	19.15	18.95		
5	256QAM	25	0	19.06	19.00	19.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.12	24.25	24.21	25	0
3	QPSK	1	8	23.89	24.15	24.04		
3	QPSK	1	14	24.14	23.88	24.09		
3	QPSK	8	0	23.10	23.18	23.15	24	1
3	QPSK	8	4	22.90	22.99	23.09		
3	QPSK	8	7	23.17	22.94	23.12		
3	QPSK	15	0	23.17	23.14	23.07		
3	16QAM	1	0	23.20	23.08	23.07	24	1
3	16QAM	1	8	23.06	22.95	23.12		
3	16QAM	1	14	23.06	23.19	23.01		
3	16QAM	8	0	22.20	22.04	22.19	23	2
3	16QAM	8	4	22.23	21.94	22.05		
3	16QAM	8	7	22.09	22.08	22.13		
3	16QAM	15	0	22.07	21.97	22.00		
3	64QAM	1	0	22.20	22.12	22.17	23	2
3	64QAM	1	8	22.04	21.99	22.17		
3	64QAM	1	14	22.05	21.98	22.22		
3	64QAM	8	0	21.19	21.20	21.26	22	3
3	64QAM	8	4	21.35	21.16	21.11		
3	64QAM	8	7	21.30	20.96	21.11		
3	64QAM	15	0	21.30	21.18	21.16		
3	256QAM	1	0	19.04	18.84	18.98	20	5
3	256QAM	1	8	19.05	19.00	18.81		
3	256QAM	1	14	18.76	19.01	19.05		
3	256QAM	8	0	18.90	18.86	19.09	20	5
3	256QAM	8	4	19.00	19.02	19.18		
3	256QAM	8	7	18.99	19.21	18.91		
3	256QAM	15	0	19.08	19.05	19.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.26	24.20	25	0
1.4	QPSK	1	3	23.95	24.09	23.99		
1.4	QPSK	1	5	24.13	23.90	24.09		
1.4	QPSK	3	0	23.17	23.17	23.14	24	1
1.4	QPSK	3	1	22.97	22.96	23.12		
1.4	QPSK	3	3	23.16	22.93	23.06		
1.4	QPSK	6	0	23.16	23.22	23.14		
1.4	16QAM	1	0	23.22	23.06	23.02	24	1
1.4	16QAM	1	3	23.05	22.94	23.09		
1.4	16QAM	1	5	23.05	23.13	23.05		
1.4	16QAM	3	0	22.20	22.01	22.13	23	2
1.4	16QAM	3	1	22.17	21.96	21.98		
1.4	16QAM	3	3	22.12	22.14	22.09		
1.4	16QAM	6	0	22.15	21.90	22.06		
1.4	64QAM	1	0	22.16	22.09	22.15	23	2
1.4	64QAM	1	3	22.03	21.98	22.11		
1.4	64QAM	1	5	22.00	22.00	22.14		
1.4	64QAM	3	0	21.16	21.25	21.27	22	3
1.4	64QAM	3	1	21.29	21.17	21.14		
1.4	64QAM	3	3	21.29	20.96	21.10		
1.4	64QAM	6	0	21.29	21.23	21.20		
1.4	256QAM	1	0	19.12	18.87	18.96	20	5
1.4	256QAM	1	3	19.07	18.94	18.82		
1.4	256QAM	1	5	18.75	19.03	19.01		
1.4	256QAM	3	0	18.90	18.91	19.01	20	5
1.4	256QAM	3	1	18.99	18.99	19.18		
1.4	256QAM	3	3	19.00	19.19	18.94		
1.4	256QAM	6	0	19.08	19.00	19.21		

LTE Band 38 Ant 2 Full power

BW [MHz]	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	23.86	23.95	23.87	25	0
20	QPSK	1	49	23.63	23.78	23.62		
20	QPSK	1	99	23.77	23.63	23.69		
20	QPSK	50	0	22.87	22.93	22.90	24	1
20	QPSK	50	24	22.59	22.62	22.78		
20	QPSK	50	50	22.85	22.58	22.78		
20	QPSK	100	0	22.75	22.85	22.84		
20	16QAM	1	0	22.79	22.72	22.72	24	1
20	16QAM	1	49	22.66	22.70	22.79		
20	16QAM	1	99	22.77	22.81	22.68		
20	16QAM	50	0	21.85	21.68	21.90	23	2
20	16QAM	50	24	21.83	21.67	21.72		
20	16QAM	50	50	21.80	21.70	21.81		
20	16QAM	100	0	21.71	21.56	21.63		
20	64QAM	1	0	21.86	21.72	21.86	23	2
20	64QAM	1	49	21.68	21.65	21.82		
20	64QAM	1	99	21.72	21.74	21.87		
20	64QAM	50	0	20.83	20.87	20.97	22	3
20	64QAM	50	24	20.93	20.86	20.77		
20	64QAM	50	50	20.88	20.61	20.75		
20	64QAM	100	0	20.96	20.89	20.87		
20	256QAM	1	0	18.75	18.46	18.61	20	5
20	256QAM	1	49	18.68	18.64	18.43		
15	QPSK	36	39	22.81	22.52	22.71	24	1
15	QPSK	75	0	22.71	22.76	22.80		
15	16QAM	1	0	22.67	22.66	22.65	24	1
15	16QAM	1	37	22.62	22.59	22.68		
15	16QAM	1	74	22.64	22.74	22.63		
15	16QAM	36	0	21.72	21.64	21.82	23	2
15	16QAM	36	20	21.78	21.61	21.67		
15	16QAM	36	39	21.74	21.67	21.70		
15	16QAM	75	0	21.67	21.53	21.51		
15	64QAM	1	0	21.83	21.63	21.80	23	2
15	64QAM	1	37	21.57	21.61	21.79		
15	64QAM	1	74	21.59	21.71	21.76		
15	64QAM	36	0	20.75	20.78	20.92	22	3
15	64QAM	36	20	20.88	20.73	20.70		
15	64QAM	36	39	20.82	20.51	20.66		
15	64QAM	75	0	20.84	20.77	20.77		
15	256QAM	1	37	18.56	18.53	18.40	20	5
15	256QAM	1	74	18.45	18.57	18.71		
15	256QAM	36	0	18.54	18.45	18.64	20	5
15	256QAM	36	20	18.66	18.61	18.73		
15	256QAM	36	39	18.60	18.69	18.61		
15	256QAM	75	0	18.63	18.48	18.77		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.76	23.85	23.83	25	0
10	QPSK	1	25	23.59	23.72	23.56		
10	QPSK	1	49	23.64	23.52	23.63		
10	QPSK	25	0	22.83	22.85	22.78	24	1
10	QPSK	25	12	22.55	22.53	22.69		
10	QPSK	25	25	22.74	22.45	22.70		
10	QPSK	50	0	22.68	22.78	22.78		
10	16QAM	1	0	22.71	22.64	22.64	24	1
10	16QAM	1	25	22.61	22.67	22.67		
10	16QAM	1	49	22.70	22.74	22.61		
10	16QAM	25	0	21.75	21.61	21.84	23	2
10	16QAM	25	12	21.78	21.59	21.66		
10	16QAM	25	25	21.67	21.66	21.74		
10	16QAM	50	0	21.62	21.53	21.53		
10	64QAM	1	0	21.79	21.61	21.82	23	2
10	64QAM	1	25	21.56	21.57	21.70		
10	64QAM	1	49	21.65	21.62	21.78		
10	64QAM	25	0	20.79	20.78	20.86	22	3
10	64QAM	25	12	20.87	20.77	20.64		
10	64QAM	25	25	20.83	20.50	20.72		
10	64QAM	50	0	20.92	20.82	20.82		
10	256QAM	1	0	18.68	18.34	18.54	20	5
10	256QAM	1	25	18.62	18.53	18.40		
10	256QAM	1	49	18.47	18.63	18.67		
10	256QAM	25	0	18.53	18.42	18.72	20	5
10	256QAM	25	12	18.62	18.59	18.78		
10	256QAM	25	25	18.59	18.70	18.61		
10	256QAM	50	0	18.61	18.49	18.77		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.83	23.89	23.75	25	0
5	QPSK	1	12	23.54	23.73	23.50		
5	QPSK	1	24	23.66	23.58	23.57		
5	QPSK	12	0	22.83	22.81	22.81	24	1
5	QPSK	12	7	22.50	22.55	22.74		
5	QPSK	12	13	22.76	22.53	22.71		
5	QPSK	25	0	22.70	22.81	22.76		
5	16QAM	1	0	22.69	22.65	22.66	24	1
5	16QAM	1	12	22.57	22.67	22.74		
5	16QAM	1	24	22.74	22.70	22.59		
5	16QAM	12	0	21.77	21.64	21.85	23	2
5	16QAM	12	7	21.73	21.61	21.59		
5	16QAM	12	13	21.68	21.58	21.71		
5	16QAM	25	0	21.61	21.53	21.54		
5	64QAM	1	0	21.77	21.61	21.82	23	2
5	64QAM	1	12	21.60	21.55	21.77		
5	64QAM	1	24	21.68	21.66	21.74		
5	64QAM	12	0	20.78	20.83	20.87	22	3
5	64QAM	12	7	20.86	20.80	20.71		
5	64QAM	12	13	20.79	20.50	20.71		
5	64QAM	25	0	20.85	20.77	20.78		
5	256QAM	1	0	18.63	18.43	18.54	20	5
5	256QAM	1	12	18.56	18.56	18.39		
5	256QAM	1	24	18.45	18.64	18.69		
5	256QAM	12	0	18.58	18.42	18.68	20	5
5	256QAM	12	7	18.65	18.58	18.72		
5	256QAM	12	13	18.60	18.66	18.56		
5	256QAM	25	0	18.60	18.46	18.76		

LTE Band 41 Ant 2 Full power

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	23.91	23.85	23.97	23.85	23.94	25	0
20	QPSK	1	49	23.84	23.59	23.75	23.85	23.57		
20	QPSK	1	99	23.61	23.80	23.79	23.51	23.62		
20	QPSK	50	0	22.86	23.00	23.01	22.85	22.88	24	1
20	QPSK	50	24	22.57	22.76	22.56	22.65	22.85		
20	QPSK	50	50	22.61	22.69	22.96	22.50	22.71		
20	QPSK	100	0	22.91	22.77	22.95	22.86	22.91		
20	16QAM	1	0	22.70	22.72	22.86	22.68	22.74	24	1
20	16QAM	1	49	22.61	22.84	22.71	22.59	22.69		
20	16QAM	1	99	22.89	22.76	22.81	22.87	22.72		
20	16QAM	50	0	21.61	21.82	21.83	21.70	21.98	23	2
20	16QAM	50	24	21.70	21.71	21.87	21.77	21.66		
20	16QAM	50	50	21.74	21.84	21.72	21.60	21.90		
20	16QAM	100	0	21.66	21.55	21.76	21.58	21.58		
20	64QAM	1	0	21.81	21.78	21.96	21.71	21.76	23	2
20	64QAM	1	49	21.64	21.73	21.72	21.67	21.73		
20	64QAM	1	99	21.78	21.87	21.74	21.65	21.82		
20	64QAM	50	0	20.98	21.02	20.93	20.76	21.01	22	3
20	64QAM	50	24	20.91	20.83	20.88	20.94	20.66		
20	64QAM	50	50	20.64	20.68	20.89	20.70	20.80		
20	64QAM	100	0	20.83	20.89	21.00	20.92	20.97		
20	256QAM	1	0	18.40	18.56	18.81	18.38	18.52	20	5
20	256QAM	1	49	18.61	18.34	18.69	18.71	18.40		
15	QPSK	36	39	22.53	22.57	22.97	22.29	22.51	24	1
15	QPSK	75	0	22.90	22.62	22.78	22.81	22.72		
15	16QAM	1	0	22.57	22.65	22.82	22.61	22.65	24	1
15	16QAM	1	37	22.49	22.84	22.61	22.44	22.67		
15	16QAM	1	74	22.89	22.77	22.66	22.88	22.53		
15	16QAM	36	0	21.50	21.66	21.79	21.59	21.80	23	2
15	16QAM	36	20	21.61	21.52	21.72	21.56	21.56		
15	16QAM	36	39	21.64	21.78	21.71	21.42	21.70		
15	16QAM	75	0	21.67	21.35	21.74	21.58	21.56		
15	64QAM	1	0	21.64	21.64	21.79	21.49	21.56	23	2
15	64QAM	1	37	21.49	21.56	21.64	21.66	21.61		
15	64QAM	1	74	21.77	21.88	21.74	21.52	21.80		
15	64QAM	36	0	20.77	20.87	20.88	20.67	20.85	22	3
15	64QAM	36	20	20.73	20.77	20.89	20.94	20.49		
15	64QAM	36	39	20.59	20.51	20.80	20.68	20.61		
15	64QAM	75	0	20.80	20.72	20.85	20.82	20.85		
15	256QAM	1	37	18.48	18.22	18.61	18.60	18.40	20	5
15	256QAM	1	74	18.54	18.78	18.44	18.45	18.61		
15	256QAM	36	0	18.26	18.71	18.49	18.43	18.67	20	5
15	256QAM	36	20	18.61	18.68	18.67	18.65	18.69		
15	256QAM	36	39	18.68	18.66	18.57	18.63	18.34		
15	256QAM	75	0	18.40	18.82	18.59	18.37	18.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.76	23.74	23.89	23.83	23.87	25	0
10	QPSK	1	25	23.67	23.51	23.59	23.86	23.42		
10	QPSK	1	49	23.47	23.70	23.65	23.51	23.53		
10	QPSK	25	0	22.67	22.86	22.84	22.74	22.81	24	1
10	QPSK	25	12	22.49	22.70	22.46	22.60	22.72		
10	QPSK	25	25	22.58	22.53	22.89	22.47	22.65		
10	QPSK	50	0	22.81	22.56	22.80	22.76	22.83		
10	16QAM	1	0	22.66	22.54	22.77	22.48	22.67	24	1
10	16QAM	1	25	22.51	22.67	22.66	22.53	22.58		
10	16QAM	1	49	22.68	22.58	22.75	22.87	22.71		
10	16QAM	25	0	21.56	21.80	21.65	21.68	21.97	23	2
10	16QAM	25	12	21.61	21.50	21.68	21.69	21.55		
10	16QAM	25	25	21.70	21.70	21.65	21.56	21.87		
10	16QAM	50	0	21.60	21.49	21.73	21.60	21.38		
10	64QAM	1	0	21.63	21.63	21.97	21.66	21.66	23	2
10	64QAM	1	25	21.64	21.73	21.51	21.64	21.64		
10	64QAM	1	49	21.59	21.86	21.63	21.60	21.71		
10	64QAM	25	0	20.90	20.88	20.90	20.71	20.95	22	3
10	64QAM	25	12	20.91	20.73	20.87	20.93	20.58		
10	64QAM	25	25	20.59	20.49	20.86	20.57	20.63		
10	64QAM	50	0	20.74	20.76	20.86	20.90	20.79		
10	256QAM	1	0	18.25	18.40	18.76	18.31	18.33	20	5
10	256QAM	1	25	18.61	18.28	18.68	18.52	18.40		
10	256QAM	1	49	18.59	18.74	18.34	18.49	18.63		
10	256QAM	25	0	18.40	18.69	18.45	18.56	18.61	20	5
10	256QAM	25	12	18.68	18.64	18.65	18.60	18.69		
10	256QAM	25	25	18.73	18.66	18.39	18.65	18.50		
10	256QAM	50	0	18.61	18.77	18.59	18.45	18.65		
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	23.78	23.72	23.88	23.70	23.94	25	0
5	QPSK	1	12	23.66	23.39	23.74	23.71	23.57		
5	QPSK	1	24	23.61	23.73	23.61	23.37	23.59		
5	QPSK	12	0	22.80	22.85	23.02	22.65	22.78	24	1
5	QPSK	12	7	22.51	22.62	22.36	22.53	22.63		
5	QPSK	12	13	22.58	22.59	22.96	22.35	22.58		
5	QPSK	25	0	22.72	22.55	22.84	22.69	22.81		
5	16QAM	1	0	22.54	22.55	22.84	22.66	22.55	24	1
5	16QAM	1	12	22.56	22.81	22.63	22.38	22.70		
5	16QAM	1	24	22.74	22.59	22.81	22.71	22.57		
5	16QAM	12	0	21.51	21.71	21.80	21.65	21.94	23	2
5	16QAM	12	7	21.57	21.73	21.70	21.65	21.55		
5	16QAM	12	13	21.60	21.78	21.64	21.48	21.71		
5	16QAM	25	0	21.65	21.33	21.61	21.49	21.58		
5	64QAM	1	0	21.78	21.78	21.74	21.72	21.55	23	2
5	64QAM	1	12	21.56	21.68	21.57	21.68	21.63		
5	64QAM	1	24	21.59	21.66	21.71	21.65	21.65		
5	64QAM	12	0	20.81	20.81	20.73	20.65	20.86	22	3
5	64QAM	12	7	20.77	20.79	20.76	20.72	20.65		
5	64QAM	12	13	20.60	20.57	20.68	20.51	20.81		
5	64QAM	25	0	20.83	20.88	20.99	20.81	20.80		
5	256QAM	1	0	18.20	18.56	18.63	18.30	18.51	20	5
5	256QAM	1	12	18.48	18.23	18.60	18.66	18.27		
5	256QAM	1	24	18.61	18.76	18.45	18.43	18.66		
5	256QAM	12	0	18.34	18.79	18.34	18.42	18.63	20	5
5	256QAM	12	7	18.60	18.64	18.62	18.70	18.87		
5	256QAM	12	13	18.75	18.63	18.50	18.77	18.57		
5	256QAM	25	0	18.44	18.69	18.79	18.42	18.63		

LTE Band 42 Part 27Q Ant 2 Full power

BW [MHz]	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	24.69	24.83	24.47	26	0
20	QPSK	1	49	24.63	24.61	24.59		
20	QPSK	1	99	24.64	24.63	24.51		
20	QPSK	50	0	23.79	23.80	23.35	25	1
20	QPSK	50	24	23.71	23.71	23.48		
20	QPSK	50	50	23.65	23.74	23.57		
20	QPSK	100	0	23.70	23.85	23.44		
20	16QAM	1	0	23.57	23.94	23.53	25	1
20	16QAM	1	49	23.60	23.66	23.68		
20	16QAM	1	99	23.76	23.58	23.59		
20	16QAM	50	0	22.76	22.75	22.38	24	2
20	16QAM	50	24	22.68	22.56	22.65		
20	16QAM	50	50	22.55	22.62	22.53		
20	16QAM	100	0	22.72	22.92	22.45		
20	64QAM	1	0	22.64	22.89	22.48	24	2
20	64QAM	1	49	22.55	22.61	22.64		
20	64QAM	1	99	22.70	22.51	22.45		
20	64QAM	50	0	21.58	21.76	21.54	23	3
20	64QAM	50	24	21.56	21.86	21.60		
20	64QAM	50	50	21.73	21.62	21.56		
20	64QAM	100	0	21.53	21.64	21.33		
20	256QAM	1	0	19.58	19.65	19.63	21	5
20	256QAM	1	49	19.78	19.62	19.48		
15	QPSK	36	39	23.63	23.61	23.52	25	1
15	QPSK	75	0	23.68	23.73	23.34		
15	16QAM	1	0	23.43	23.81	23.34	25	1
15	16QAM	1	37	23.42	23.56	23.67		
15	16QAM	1	74	23.77	23.38	23.41		
15	16QAM	36	0	22.72	22.74	22.29	24	2
15	16QAM	36	20	22.50	22.39	22.49		
15	16QAM	36	39	22.50	22.43	22.47		
15	16QAM	75	0	22.52	22.87	22.43		
15	64QAM	1	0	22.58	22.71	22.49	24	2
15	64QAM	1	37	22.37	22.58	22.46		
15	64QAM	1	74	22.68	22.42	22.33		
15	64QAM	36	0	21.42	21.61	21.43	23	3
15	64QAM	36	20	21.39	21.81	21.53		
15	64QAM	36	39	21.74	21.63	21.44		
15	64QAM	75	0	21.45	21.49	21.14		
15	256QAM	1	37	19.73	19.51	19.30	21	5
15	256QAM	1	74	19.43	19.61	19.26		
15	256QAM	36	0	19.24	19.46	19.29	21	5
15	256QAM	36	20	19.40	19.72	19.34		
15	256QAM	36	39	19.54	19.61	19.39		
15	256QAM	75	0	19.61	19.61	19.48		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.70	24.65	24.39	26	0
10	QPSK	1	25	24.59	24.62	24.58		
10	QPSK	1	49	24.64	24.42	24.37		
10	QPSK	25	0	23.75	23.60	23.36	25	1
10	QPSK	25	12	23.65	23.64	23.30		
10	QPSK	25	25	23.45	23.71	23.43		
10	QPSK	50	0	23.59	23.79	23.42		
10	16QAM	1	0	23.49	23.82	23.34	25	1
10	16QAM	1	25	23.58	23.56	23.59		
10	16QAM	1	49	23.56	23.36	23.56		
10	16QAM	25	0	22.71	22.71	22.33	24	2
10	16QAM	25	12	22.53	22.44	22.52		
10	16QAM	25	25	22.38	22.63	22.34		
10	16QAM	50	0	22.51	22.71	22.46		
10	64QAM	1	0	22.44	22.91	22.56	24	2
10	64QAM	1	25	22.41	22.53	22.48		
10	64QAM	1	49	22.72	22.42	22.43		
10	64QAM	25	0	21.52	21.56	21.48	23	3
10	64QAM	25	12	21.43	21.70	21.52		
10	64QAM	25	25	21.59	21.54	21.52		
10	64QAM	50	0	21.43	21.53	21.35		
10	256QAM	1	0	19.47	19.45	19.51	21	5
10	256QAM	1	25	19.64	19.48	19.41		
10	256QAM	1	49	19.59	19.75	19.37		
10	256QAM	25	0	19.41	19.52	19.26	21	5
10	256QAM	25	12	19.40	19.57	19.51		
10	256QAM	25	25	19.69	19.56	19.33		
10	256QAM	50	0	19.50	19.58	19.42		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.51	24.75	24.42	26	0
5	QPSK	1	12	24.60	24.55	24.60		
5	QPSK	1	24	24.46	24.61	24.31		
5	QPSK	12	0	23.70	23.72	23.26	25	1
5	QPSK	12	7	23.56	23.60	23.42		
5	QPSK	12	13	23.56	23.56	23.41		
5	QPSK	25	0	23.56	23.85	23.40		
5	16QAM	1	0	23.51	23.78	23.52	25	1
5	16QAM	1	12	23.57	23.64	23.48		
5	16QAM	1	24	23.62	23.54	23.45		
5	16QAM	12	0	22.57	22.59	22.24	24	2
5	16QAM	12	7	22.67	22.54	22.54		
5	16QAM	12	13	22.50	22.51	22.39		
5	16QAM	25	0	22.64	22.70	22.30		
5	64QAM	1	0	22.62	22.69	22.36	24	2
5	64QAM	1	12	22.36	22.43	22.59		
5	64QAM	1	24	22.51	22.53	22.26		
5	64QAM	12	0	21.55	21.71	21.56	23	3
5	64QAM	12	7	21.50	21.85	21.47		
5	64QAM	12	13	21.51	21.61	21.45		
5	64QAM	25	0	21.31	21.58	21.33		
5	256QAM	1	0	19.58	19.64	19.60	21	5
5	256QAM	1	12	19.74	19.55	19.44		
5	256QAM	1	24	19.45	19.58	19.44		
5	256QAM	12	0	19.27	19.45	19.30	21	5
5	256QAM	12	7	19.25	19.58	19.37		
5	256QAM	12	13	19.50	19.65	19.51		
5	256QAM	25	0	19.50	19.65	19.47		

LTE Band 42 Part 27Q Ant 3 Full power								
BW [MHz]	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	21.78	21.85	21.48	22	0
20	QPSK	1	49	21.77	21.82	21.36		
20	QPSK	1	99	21.81	21.70	21.29		
20	QPSK	50	0	20.55	20.94	20.40	21	1
20	QPSK	50	24	20.86	20.80	20.57		
20	QPSK	50	50	20.66	20.81	20.52		
20	QPSK	100	0	20.63	20.65	20.27		
20	16QAM	1	0	20.86	20.81	20.39	21	1
20	16QAM	1	49	20.68	20.70	20.44		
20	16QAM	1	99	20.72	20.80	20.21		
20	16QAM	50	0	19.68	19.91	19.51	20	2
20	16QAM	50	24	19.71	19.80	19.50		
20	16QAM	50	50	19.69	19.70	19.37		
20	16QAM	100	0	19.71	19.82	19.39		
20	64QAM	1	0	19.68	19.79	19.34	20	2
20	64QAM	1	49	19.66	19.60	19.17		
20	64QAM	1	99	19.74	19.74	19.04		
20	64QAM	50	0	18.81	18.85	18.48	19	3
20	64QAM	50	24	18.66	18.76	18.51		
20	64QAM	50	50	18.77	18.80	18.14		
20	64QAM	100	0	18.87	18.77	18.47		
20	256QAM	1	0	16.71	16.80	16.34	17	5
20	256QAM	1	49	16.55	16.80	16.36		
15	QPSK	36	39	20.50	20.75	20.43	21	1
15	QPSK	75	0	20.65	20.65	20.13		
15	16QAM	1	0	20.86	20.77	20.21	21	1
15	16QAM	1	37	20.52	20.53	20.42		
15	16QAM	1	74	20.70	20.59	20.10		
15	16QAM	36	0	19.60	19.89	19.43	20	2
15	16QAM	36	20	19.61	19.59	19.30		
15	16QAM	36	39	19.47	19.51	19.19		
15	16QAM	75	0	19.62	19.69	19.33		
15	64QAM	1	0	19.54	19.66	19.27	20	2
15	64QAM	1	37	19.51	19.47	19.11		
15	64QAM	1	74	19.58	19.59	18.88		
15	64QAM	36	0	18.76	18.75	18.38	19	3
15	64QAM	36	20	18.67	18.75	18.46		
15	64QAM	36	39	18.72	18.73	18.09		
15	64QAM	75	0	18.68	18.77	18.32		
15	256QAM	1	37	16.54	16.74	16.28	17	5
15	256QAM	1	74	16.70	16.45	16.28		
15	256QAM	36	0	16.66	16.84	16.33	17	5
15	256QAM	36	20	16.55	16.79	16.16		
15	256QAM	36	39	16.57	16.51	16.12		
15	256QAM	75	0	16.46	16.65	16.25		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.74	21.80	21.46	22	0
10	QPSK	1	25	21.60	21.82	21.24		
10	QPSK	1	49	21.67	21.52	21.19		
10	QPSK	25	0	20.45	20.84	20.30	21	1
10	QPSK	25	12	20.87	20.66	20.52		
10	QPSK	25	25	20.58	20.72	20.52		
10	QPSK	50	0	20.47	20.57	20.05		
10	16QAM	1	0	20.75	20.82	20.30	21	1
10	16QAM	1	25	20.68	20.66	20.39		
10	16QAM	1	49	20.62	20.73	20.19		
10	16QAM	25	0	19.49	19.86	19.49	20	2
10	16QAM	25	12	19.50	19.78	19.40		
10	16QAM	25	25	19.69	19.67	19.30		
10	16QAM	50	0	19.58	19.80	19.27		
10	64QAM	1	0	19.59	19.62	19.21	20	2
10	64QAM	1	25	19.68	19.53	19.12		
10	64QAM	1	49	19.69	19.54	18.92		
10	64QAM	25	0	18.74	18.65	18.49	19	3
10	64QAM	25	12	18.67	18.68	18.32		
10	64QAM	25	25	18.60	18.69	18.08		
10	64QAM	50	0	18.69	18.58	18.37		
10	256QAM	1	0	16.58	16.71	16.20	17	5
10	256QAM	1	25	16.49	16.77	16.22		
10	256QAM	1	49	16.78	16.57	16.38		
10	256QAM	25	0	16.72	16.80	16.32	17	5
10	256QAM	25	12	16.48	16.69	16.02		
10	256QAM	25	25	16.59	16.61	15.98		
10	256QAM	50	0	16.54	16.51	16.18		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.66	21.83	21.26	22	0
5	QPSK	1	12	21.75	21.66	21.29		
5	QPSK	1	24	21.59	21.63	21.14		
5	QPSK	12	0	20.51	20.78	20.28	21	1
5	QPSK	12	7	20.86	20.73	20.47		
5	QPSK	12	13	20.67	20.72	20.37		
5	QPSK	25	0	20.56	20.58	20.06		
5	16QAM	1	0	20.65	20.76	20.37	21	1
5	16QAM	1	12	20.59	20.55	20.38		
5	16QAM	1	24	20.69	20.79	20.17		
5	16QAM	12	0	19.56	19.69	19.39	20	2
5	16QAM	12	7	19.55	19.66	19.48		
5	16QAM	12	13	19.58	19.66	19.37		
5	16QAM	25	0	19.52	19.75	19.29		
5	64QAM	1	0	19.54	19.58	19.12	20	2
5	64QAM	1	12	19.61	19.39	19.07		
5	64QAM	1	24	19.76	19.60	18.84		
5	64QAM	12	0	18.81	18.79	18.38	19	3
5	64QAM	12	7	18.47	18.66	18.48		
5	64QAM	12	13	18.71	18.74	17.99		
5	64QAM	25	0	18.67	18.67	18.33		
5	256QAM	1	0	16.53	16.63	16.28	17	5
5	256QAM	1	12	16.38	16.63	16.32		
5	256QAM	1	24	16.71	16.58	16.40		
5	256QAM	12	0	16.68	16.79	16.43	17	5
5	256QAM	12	7	16.43	16.74	16.19		
5	256QAM	12	13	16.74	16.41	16.13		
5	256QAM	25	0	16.48	16.51	16.15		

LTE Band 42 Part 27Q Ant 5 Full power								
BW [MHz]	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	23.01	23.10	22.35	24	0
20	QPSK	1	49	22.98	22.83	22.47		
20	QPSK	1	99	23.07	22.74	22.48		
20	QPSK	50	0	21.88	22.05	21.28	23	1
20	QPSK	50	24	21.98	21.70	21.51		
20	QPSK	50	50	21.97	21.75	21.55		
20	QPSK	100	0	21.92	22.12	21.47		
20	16QAM	1	0	22.14	22.10	21.40	23	1
20	16QAM	1	49	22.16	21.71	21.60		
20	16QAM	1	99	21.95	21.84	21.48		
20	16QAM	50	0	21.05	20.98	20.54	22	2
20	16QAM	50	24	20.86	20.83	20.54		
20	16QAM	50	50	20.93	20.95	20.57		
20	16QAM	100	0	20.87	20.91	20.65		
20	64QAM	1	0	21.08	21.06	20.61	22	2
20	64QAM	1	49	20.77	20.61	20.45		
20	64QAM	1	99	20.86	20.80	20.61		
20	64QAM	50	0	19.97	20.21	19.55	21	3
20	64QAM	50	24	19.96	19.73	19.48		
20	64QAM	50	50	20.03	19.80	19.40		
20	64QAM	100	0	20.04	20.04	19.30		
20	256QAM	1	0	17.99	18.11	17.46	19	5
20	256QAM	1	49	18.02	17.82	17.43		
15	QPSK	36	39	21.88	21.59	21.47	23	1
15	QPSK	75	0	21.86	21.98	21.32		
15	16QAM	1	0	22.14	22.04	21.35	23	1
15	16QAM	1	37	22.13	21.50	21.42		
15	16QAM	1	74	21.95	21.71	21.38		
15	16QAM	36	0	20.93	20.86	20.55	22	2
15	16QAM	36	20	20.82	20.77	20.45		
15	16QAM	36	39	20.73	20.76	20.39		
15	16QAM	75	0	20.72	20.76	20.52		
15	64QAM	1	0	20.94	20.90	20.50	22	2
15	64QAM	1	37	20.74	20.41	20.43		
15	64QAM	1	74	20.78	20.77	20.48		
15	64QAM	36	0	19.97	20.23	19.46	21	3
15	64QAM	36	20	19.81	19.60	19.36		
15	64QAM	36	39	19.96	19.78	19.19		
15	64QAM	75	0	19.90	19.84	19.10		
15	256QAM	1	37	17.85	17.71	17.22	19	5
15	256QAM	1	74	17.89	17.64	17.47		
15	256QAM	36	0	17.82	18.01	17.22	19	5
15	256QAM	36	20	17.99	17.85	17.35		
15	256QAM	36	39	18.02	17.79	17.50		
15	256QAM	75	0	18.07	17.60	17.42		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.86	23.06	22.23	24	0
10	QPSK	1	25	22.78	22.76	22.34		
10	QPSK	1	49	22.89	22.67	22.33		
10	QPSK	25	0	21.88	21.95	21.28	23	1
10	QPSK	25	12	21.77	21.54	21.33		
10	QPSK	25	25	21.78	21.66	21.53		
10	QPSK	50	0	21.91	22.11	21.44		
10	16QAM	1	0	22.01	22.12	21.33	23	1
10	16QAM	1	25	22.11	21.70	21.56		
10	16QAM	1	49	21.96	21.70	21.43		
10	16QAM	25	0	21.05	20.98	20.52	22	2
10	16QAM	25	12	20.82	20.69	20.49		
10	16QAM	25	25	20.76	20.81	20.35		
10	16QAM	50	0	20.77	20.90	20.48		
10	64QAM	1	0	20.98	21.07	20.61	22	2
10	64QAM	1	25	20.69	20.57	20.43		
10	64QAM	1	49	20.79	20.65	20.52		
10	64QAM	25	0	19.83	20.03	19.45	21	3
10	64QAM	25	12	19.83	19.52	19.34		
10	64QAM	25	25	19.89	19.68	19.29		
10	64QAM	50	0	19.90	19.96	19.13		
10	256QAM	1	0	17.82	17.94	17.39	19	5
10	256QAM	1	25	17.94	17.69	17.26		
10	256QAM	1	49	17.92	17.75	17.53		
10	256QAM	25	0	17.85	17.83	17.14	19	5
10	256QAM	25	12	17.99	17.86	17.38		
10	256QAM	25	25	18.04	17.89	17.63		
10	256QAM	50	0	18.00	17.70	17.36		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.82	22.95	22.20	24	0
5	QPSK	1	12	22.98	22.77	22.26		
5	QPSK	1	24	22.91	22.59	22.45		
5	QPSK	12	0	21.88	21.85	21.18	23	1
5	QPSK	12	7	21.96	21.51	21.42		
5	QPSK	12	13	21.90	21.68	21.48		
5	QPSK	25	0	21.85	22.10	21.37		
5	16QAM	1	0	22.15	21.94	21.32	23	1
5	16QAM	1	12	22.11	21.68	21.55		
5	16QAM	1	24	21.89	21.77	21.38		
5	16QAM	12	0	20.90	20.79	20.32	22	2
5	16QAM	12	7	20.64	20.72	20.47		
5	16QAM	12	13	20.90	20.73	20.49		
5	16QAM	25	0	20.75	20.83	20.62		
5	64QAM	1	0	20.99	20.90	20.62	22	2
5	64QAM	1	12	20.63	20.53	20.27		
5	64QAM	1	24	20.69	20.62	20.41		
5	64QAM	12	0	19.82	20.12	19.40	21	3
5	64QAM	12	7	19.75	19.63	19.48		
5	64QAM	12	13	19.91	19.78	19.26		
5	64QAM	25	0	19.86	19.99	19.18		
5	256QAM	1	0	17.87	18.03	17.47	19	5
5	256QAM	1	12	18.00	17.77	17.45		
5	256QAM	1	24	17.92	17.69	17.64		
5	256QAM	12	0	17.91	18.01	17.28	19	5
5	256QAM	12	7	18.00	17.76	17.37		
5	256QAM	12	13	18.03	17.74	17.66		
5	256QAM	25	0	18.08	17.78	17.39		

LTE Band 42 Part 27Q Ant 6 Full power								
BW [MHz]	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	25.40	25.57	25.50	26	0
20	QPSK	1	49	25.31	25.43	25.44		
20	QPSK	1	99	25.33	25.40	25.47		
20	QPSK	50	0	24.43	24.75	24.58	25	1
20	QPSK	50	24	24.33	24.50	24.48		
20	QPSK	50	50	24.45	24.60	24.42		
20	QPSK	100	0	24.40	24.50	24.47		
20	16QAM	1	0	24.25	24.57	24.33	25	1
20	16QAM	1	49	24.28	24.23	24.34		
20	16QAM	1	99	24.20	24.18	24.21		
20	16QAM	50	0	23.58	23.47	23.32	24	2
20	16QAM	50	24	23.24	23.53	23.55		
20	16QAM	50	50	23.22	23.29	23.28		
20	16QAM	100	0	23.37	23.44	23.25		
20	64QAM	1	0	23.29	23.49	23.59	24	2
20	64QAM	1	49	23.42	23.28	23.56		
20	64QAM	1	99	23.32	23.47	23.75		
20	64QAM	50	0	22.34	22.58	22.49	23	3
20	64QAM	50	24	22.25	22.40	22.33		
20	64QAM	50	50	22.40	22.54	22.32		
20	64QAM	100	0	22.24	22.51	22.42		
20	256QAM	1	0	20.21	20.41	20.37	21	5
20	256QAM	1	49	20.22	20.27	20.30		
15	QPSK	36	39	24.44	24.48	24.52	25	1
15	QPSK	75	0	24.37	24.53	24.55		
15	16QAM	1	0	24.27	24.67	24.31	25	1
15	16QAM	1	37	24.18	24.36	24.32		
15	16QAM	1	74	24.22	24.17	24.17		
15	16QAM	36	0	23.49	23.54	23.31	24	2
15	16QAM	36	20	23.17	23.57	23.57		
15	16QAM	36	39	23.21	23.51	23.22		
15	16QAM	75	0	23.32	23.33	23.27		
15	64QAM	1	0	23.35	23.61	23.50	24	2
15	64QAM	1	37	23.45	23.43	23.71		
15	64QAM	1	74	23.45	23.53	23.55		
15	64QAM	36	0	22.48	22.47	22.50	23	3
15	64QAM	36	20	22.15	22.26	22.54		
15	64QAM	36	39	22.27	22.43	22.29		
15	64QAM	75	0	22.36	22.46	22.48		
15	256QAM	1	37	20.33	20.28	20.32	21	5
15	256QAM	1	74	20.20	20.19	20.21		
15	256QAM	36	0	20.26	20.39	20.43	21	5
15	256QAM	36	20	20.36	20.35	20.26		
15	256QAM	36	39	20.36	20.25	20.31		
15	256QAM	75	0	20.27	20.36	20.37		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	25.33	25.55	25.46	26	0
10	QPSK	1	25	25.23	25.48	25.40		
10	QPSK	1	49	25.46	25.28	25.25		
10	QPSK	25	0	24.45	24.60	24.46	25	1
10	QPSK	25	12	24.40	24.61	24.49		
10	QPSK	25	25	24.44	24.48	24.50		
10	QPSK	50	0	24.34	24.51	24.38		
10	16QAM	1	0	24.29	24.51	24.20	25	1
10	16QAM	1	25	24.15	24.41	24.30		
10	16QAM	1	49	24.18	24.34	24.29		
10	16QAM	25	0	23.43	23.46	23.43	24	2
10	16QAM	25	12	23.35	23.44	23.49		
10	16QAM	25	25	23.38	23.38	23.39		
10	16QAM	50	0	23.52	23.42	23.39		
10	64QAM	1	0	23.23	23.52	23.58	24	2
10	64QAM	1	25	23.45	23.23	23.59		
10	64QAM	1	49	23.43	23.37	23.58		
10	64QAM	25	0	22.47	22.48	22.54	23	3
10	64QAM	25	12	22.23	22.36	22.41		
10	64QAM	25	25	22.27	22.55	22.17		
10	64QAM	50	0	22.42	22.55	22.50		
10	256QAM	1	0	20.15	20.46	20.38	21	5
10	256QAM	1	25	20.21	20.17	20.48		
10	256QAM	1	49	20.08	20.26	20.11		
10	256QAM	25	0	20.44	20.23	20.34	21	5
10	256QAM	25	12	20.36	20.50	20.32		
10	256QAM	25	25	20.19	20.28	20.32		
10	256QAM	50	0	20.08	20.32	20.28		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	25.43	25.42	25.29	26	0
5	QPSK	1	12	25.05	25.32	25.39		
5	QPSK	1	24	25.49	25.26	25.14		
5	QPSK	12	0	24.29	24.57	24.67	25	1
5	QPSK	12	7	24.48	24.66	24.56		
5	QPSK	12	13	24.38	24.55	24.55		
5	QPSK	25	0	24.35	24.46	24.48		
5	16QAM	1	0	24.20	24.57	24.23	25	1
5	16QAM	1	12	24.21	24.41	24.24		
5	16QAM	1	24	24.20	24.35	24.20		
5	16QAM	12	0	23.59	23.44	23.37	24	2
5	16QAM	12	7	23.27	23.35	23.46		
5	16QAM	12	13	23.29	23.48	23.27		
5	16QAM	25	0	23.38	23.42	23.41		
5	64QAM	1	0	23.38	23.65	23.60	24	2
5	64QAM	1	12	23.58	23.27	23.57		
5	64QAM	1	24	23.32	23.39	23.56		
5	64QAM	12	0	22.48	22.59	22.46	23	3
5	64QAM	12	7	22.27	22.28	22.37		
5	64QAM	12	13	22.34	22.46	22.21		
5	64QAM	25	0	22.29	22.32	22.35		
5	256QAM	1	0	20.22	20.31	20.18	21	5
5	256QAM	1	12	20.23	20.11	20.47		
5	256QAM	1	24	20.04	20.14	20.30		
5	256QAM	12	0	20.30	20.30	20.42	21	5
5	256QAM	12	7	20.32	20.35	20.38		
5	256QAM	12	13	20.20	20.32	20.43		
5	256QAM	25	0	20.19	20.34	20.43		

Reduced Power Mode for DSI 2

Band		WCDMA II Ant 0 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant 0 DSI2			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	23.55	23.58	23.51	24.50	23.58	23.68	23.61	24.50
3GPP Rel 99	RMC 12.2Kbps	23.59	23.62	23.56	24.50	23.62	23.71	23.66	24.50
3GPP Rel 6	HSDPA Subtest-1	22.52	22.60	22.65	23.50	22.52	22.68	22.74	23.50
3GPP Rel 6	HSDPA Subtest-2	22.68	22.59	22.67	23.50	22.66	22.61	22.71	23.50
3GPP Rel 6	HSDPA Subtest-3	22.14	22.04	21.98	23.00	22.13	22.21	22.10	23.00
3GPP Rel 6	HSDPA Subtest-4	22.03	22.02	22.03	23.00	22.04	22.25	22.10	23.00
3GPP Rel 6	HSUPA Subtest-1	22.58	22.60	22.56	23.50	22.66	22.82	22.61	23.50
3GPP Rel 6	HSUPA Subtest-2	20.52	20.66	20.62	21.50	20.66	20.51	20.50	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.60	21.56	22.50	21.66	21.68	21.56	22.50
3GPP Rel 6	HSUPA Subtest-4	20.51	20.71	20.57	21.50	20.51	20.64	20.59	21.50
3GPP Rel 6	HSUPA Subtest-5	22.69	22.56	22.67	23.50	22.55	22.62	22.55	23.50

Band 2 Ant 0 DSI2

BW [MHz]	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	22.84	22.87	22.74	24	0
20	QPSK	1	49	22.68	22.65	22.70		
20	QPSK	1	99	22.71	22.70	22.64		
20	QPSK	50	0	21.82	21.98	21.80	23	1
20	QPSK	50	24	21.78	21.95	21.78		
20	QPSK	50	50	21.72	21.76	21.78		
20	QPSK	100	0	21.75	21.93	21.74		
20	16QAM	1	0	21.91	21.77	21.99	23	1
20	16QAM	1	49	21.91	21.95	21.72		
20	16QAM	1	99	21.88	21.98	21.92		
20	16QAM	50	0	20.76	20.81	20.77	22	2
20	16QAM	50	24	20.83	20.81	20.97		
20	16QAM	50	50	20.87	20.91	20.91		
20	16QAM	100	0	20.97	20.98	20.82		
20	64QAM	1	0	20.84	20.86	20.85	22	2
20	64QAM	1	49	20.72	20.85	20.77		
20	64QAM	1	99	20.81	20.81	20.81		
20	64QAM	50	0	19.82	19.93	19.97	21	3
20	64QAM	50	24	20.00	19.88	19.74		
20	64QAM	50	50	19.87	19.91	19.87		
20	64QAM	100	0	19.84	19.84	20.01		
20	256QAM	1	0	18.29	18.30	18.15	19	5
20	256QAM	1	49	18.24	18.25	18.31		
20	256QAM	1	99	18.34	18.25	18.30		
20	256QAM	50	0	18.31	18.12	18.35	19	5
20	256QAM	50	24	18.18	18.29	18.20		
20	256QAM	50	50	18.26	18.15	18.17		
20	256QAM	100	0	18.23	18.27	18.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.73	22.72	24	0
15	QPSK	1	37	22.58	22.53	22.62		
15	QPSK	1	74	22.52	22.52	22.52		
15	QPSK	36	0	21.72	21.84	21.79	23	1
15	QPSK	36	20	21.80	21.80	21.63		
15	QPSK	36	39	21.66	21.76	21.63		
15	QPSK	75	0	21.67	21.86	21.64		
15	16QAM	1	0	21.74	21.74	21.81	23	1
15	16QAM	1	37	21.84	21.90	21.67		
15	16QAM	1	74	21.72	21.84	21.74		
15	16QAM	36	0	20.64	20.63	20.68	22	2
15	16QAM	36	20	20.79	20.67	20.80		
15	16QAM	36	39	20.69	20.83	20.80		
15	16QAM	75	0	20.83	20.82	20.70		
15	64QAM	1	0	20.75	20.80	20.81	22	2
15	64QAM	1	37	20.70	20.80	20.74		
15	64QAM	1	74	20.74	20.74	20.69		
15	64QAM	36	0	19.77	19.84	19.92	21	3
15	64QAM	36	20	19.82	19.77	19.71		
15	64QAM	36	39	19.80	19.87	19.82		
15	64QAM	75	0	19.71	19.72	19.86		
15	256QAM	1	0	18.21	18.19	18.03	19	5
15	256QAM	1	37	18.22	18.14	18.22		
15	256QAM	1	74	18.17	18.23	18.18		
15	256QAM	36	0	18.25	18.04	18.18	19	5
15	256QAM	36	20	18.02	18.11	18.07		
15	256QAM	36	39	18.21	18.04	18.01		
15	256QAM	75	0	18.21	18.22	17.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.80	22.67	24	0
10	QPSK	1	25	22.56	22.53	22.60		
10	QPSK	1	49	22.58	22.58	22.52		
10	QPSK	25	0	21.70	21.81	21.76	23	1
10	QPSK	25	12	21.74	21.79	21.66		
10	QPSK	25	25	21.59	21.71	21.67		
10	QPSK	50	0	21.68	21.91	21.61		
10	16QAM	1	0	21.72	21.73	21.86	23	1
10	16QAM	1	25	21.80	21.90	21.69		
10	16QAM	1	49	21.75	21.87	21.78		
10	16QAM	25	0	20.68	20.67	20.72	22	2
10	16QAM	25	12	20.78	20.67	20.87		
10	16QAM	25	25	20.74	20.82	20.83		
10	16QAM	50	0	20.89	20.82	20.75		
10	64QAM	1	0	20.74	20.75	20.80	22	2
10	64QAM	1	25	20.63	20.82	20.75		
10	64QAM	1	49	20.73	20.64	20.71		
10	64QAM	25	0	19.70	19.74	19.95	21	3
10	64QAM	25	12	19.92	19.70	19.68		
10	64QAM	25	25	19.80	19.85	19.82		
10	64QAM	50	0	19.70	19.67	19.90		
10	256QAM	1	0	18.18	18.21	18.06	19	5
10	256QAM	1	25	18.15	18.16	18.17		
10	256QAM	1	49	18.24	18.19	18.20		
10	256QAM	25	0	18.17	17.99	18.27	19	5
10	256QAM	25	12	18.07	18.19	18.15		
10	256QAM	25	25	18.14	18.00	17.96		
10	256QAM	50	0	18.20	18.24	18.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.80	22.66	24	0
5	QPSK	1	12	22.59	22.57	22.67		
5	QPSK	1	24	22.55	22.54	22.50		
5	QPSK	12	0	21.69	21.82	21.77	23	1
5	QPSK	12	7	21.71	21.76	21.61		
5	QPSK	12	13	21.61	21.76	21.69		
5	QPSK	25	0	21.70	21.83	21.70		
5	16QAM	1	0	21.81	21.69	21.83	23	1
5	16QAM	1	12	21.83	21.90	21.65		
5	16QAM	1	24	21.72	21.90	21.75		
5	16QAM	12	0	20.70	20.72	20.70	22	2
5	16QAM	12	7	20.78	20.68	20.86		
5	16QAM	12	13	20.75	20.74	20.75		
5	16QAM	25	0	20.80	20.78	20.70		
5	64QAM	1	0	20.77	20.79	20.79	22	2
5	64QAM	1	12	20.63	20.74	20.71		
5	64QAM	1	24	20.74	20.64	20.74		
5	64QAM	12	0	19.72	19.81	19.85	21	3
5	64QAM	12	7	19.83	19.72	19.67		
5	64QAM	12	13	19.78	19.86	19.81		
5	64QAM	25	0	19.71	19.67	19.95		
5	256QAM	1	0	18.22	18.27	18.02	19	5
5	256QAM	1	12	18.20	18.13	18.21		
5	256QAM	1	24	18.22	18.23	18.17		
5	256QAM	12	0	18.24	18.04	18.19	19	5
5	256QAM	12	7	18.01	18.10	18.15		
5	256QAM	12	13	18.23	18.06	18.02		
5	256QAM	25	0	18.12	18.21	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.80	22.68	24	0
3	QPSK	1	8	22.62	22.57	22.63		
3	QPSK	1	14	22.60	22.63	22.59		
3	QPSK	8	0	21.77	21.84	21.75	23	1
3	QPSK	8	4	21.78	21.85	21.67		
3	QPSK	8	7	21.61	21.68	21.63		
3	QPSK	15	0	21.62	21.84	21.64		
3	16QAM	1	0	21.74	21.72	21.89	23	1
3	16QAM	1	8	21.83	21.87	21.59		
3	16QAM	1	14	21.74	21.82	21.74		
3	16QAM	8	0	20.66	20.71	20.63	22	2
3	16QAM	8	4	20.79	20.73	20.77		
3	16QAM	8	7	20.71	20.76	20.77		
3	16QAM	15	0	20.88	20.81	20.66		
3	64QAM	1	0	20.76	20.81	20.80	22	2
3	64QAM	1	8	20.64	20.76	20.75		
3	64QAM	1	14	20.69	20.64	20.68		
3	64QAM	8	0	19.69	19.83	19.89	21	3
3	64QAM	8	4	19.83	19.79	19.69		
3	64QAM	8	7	19.84	19.89	19.72		
3	64QAM	15	0	19.66	19.76	19.89		
3	256QAM	1	0	18.26	18.23	18.06	19	5
3	256QAM	1	8	18.25	18.21	18.20		
3	256QAM	1	14	18.15	18.13	18.14		
3	256QAM	8	0	18.19	17.96	18.23	19	5
3	256QAM	8	4	18.01	18.18	18.08		
3	256QAM	8	7	18.24	17.97	17.98		
3	256QAM	15	0	18.20	18.25	18.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.75	22.75	22.71	24	0
1.4	QPSK	1	3	22.67	22.60	22.62		
1.4	QPSK	1	5	22.60	22.56	22.55		
1.4	QPSK	3	0	21.70	21.78	21.78	23	1
1.4	QPSK	3	1	21.70	21.81	21.60		
1.4	QPSK	3	3	21.62	21.69	21.61		
1.4	QPSK	6	0	21.67	21.87	21.67		
1.4	16QAM	1	0	21.80	21.67	21.82	23	1
1.4	16QAM	1	3	21.78	21.88	21.63		
1.4	16QAM	1	5	21.80	21.89	21.79		
1.4	16QAM	3	0	20.68	20.66	20.65	22	2
1.4	16QAM	3	1	20.75	20.77	20.77		
1.4	16QAM	3	3	20.78	20.76	20.85		
1.4	16QAM	6	0	20.88	20.81	20.63		
1.4	64QAM	1	0	20.72	20.82	20.86	22	2
1.4	64QAM	1	3	20.67	20.79	20.65		
1.4	64QAM	1	5	20.67	20.69	20.76		
1.4	64QAM	3	0	19.72	19.77	19.86	21	3
1.4	64QAM	3	1	19.92	19.79	19.64		
1.4	64QAM	3	3	19.85	19.87	19.80		
1.4	64QAM	6	0	19.73	19.74	19.91		
1.4	256QAM	1	0	18.21	18.25	18.03	19	5
1.4	256QAM	1	3	18.25	18.10	18.18		
1.4	256QAM	1	5	18.18	18.16	18.21		
1.4	256QAM	3	0	18.23	18.02	18.18	19	5
1.4	256QAM	3	1	18.08	18.14	18.10		
1.4	256QAM	3	3	18.17	18.02	18.07		
1.4	256QAM	6	0	18.22	18.18	18.02		

Band 4 Ant 0 DSI2

BW [MHz]	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	22.85	23.16	23.00	24	0
20	QPSK	1	49	23.06	23.01	22.88		
20	QPSK	1	99	23.03	22.90	22.92		
20	QPSK	50	0	22.09	22.18	22.10	23	1
20	QPSK	50	24	22.11	22.12	22.15		
20	QPSK	50	50	22.00	22.03	22.06		
20	QPSK	100	0	22.02	22.23	22.06		
20	16QAM	1	0	22.14	21.98	22.01	23	1
20	16QAM	1	49	22.14	22.11	22.22		
20	16QAM	1	99	21.99	22.05	22.09		
20	16QAM	50	0	21.13	21.07	21.13	22	2
20	16QAM	50	24	21.16	20.98	21.15		
20	16QAM	50	50	21.01	20.97	21.08		
20	16QAM	100	0	21.10	20.94	21.06		
20	64QAM	1	0	21.10	20.97	21.11	22	2
20	64QAM	1	49	20.99	21.03	21.07		
20	64QAM	1	99	20.93	21.01	21.09		
20	64QAM	50	0	20.13	20.15	20.20	21	3
20	64QAM	50	24	20.30	20.29	20.15		
20	64QAM	50	50	20.22	20.08	20.20		
20	64QAM	100	0	20.33	20.21	20.23		
20	256QAM	1	0	18.07	17.92	18.02	19	5
20	256QAM	1	49	18.05	17.87	17.93		
20	256QAM	1	99	17.87	18.09	18.00		
20	256QAM	50	0	18.02	17.89	18.04	19	5
20	256QAM	50	24	18.04	17.98	18.03		
20	256QAM	50	50	18.12	18.09	18.05		
20	256QAM	100	0	18.04	18.03	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.67	22.98	22.90	24	0
15	QPSK	1	37	22.93	22.84	22.70		
15	QPSK	1	74	22.87	22.81	22.78		
15	QPSK	36	0	21.97	22.02	21.90	23	1
15	QPSK	36	20	21.91	21.92	22.05		
15	QPSK	36	39	22.02	21.94	21.96		
15	QPSK	75	0	21.91	22.14	21.86		
15	16QAM	1	0	21.97	21.80	21.86	23	1
15	16QAM	1	37	21.94	22.01	22.02		
15	16QAM	1	74	21.84	21.96	21.94		
15	16QAM	36	0	20.95	20.94	21.04	22	2
15	16QAM	36	20	21.00	20.77	21.06		
15	16QAM	36	39	20.81	20.82	20.98		
15	16QAM	75	0	20.91	20.81	20.88		
15	64QAM	1	0	20.95	20.77	20.95	22	2
15	64QAM	1	37	20.87	20.85	20.88		
15	64QAM	1	74	20.72	20.82	20.94		
15	64QAM	36	0	20.01	19.99	20.02	21	3
15	64QAM	36	20	20.15	20.09	20.05		
15	64QAM	36	39	20.02	19.89	20.03		
15	64QAM	75	0	20.14	20.04	20.12		
15	256QAM	1	0	17.89	17.75	17.91	19	5
15	256QAM	1	37	17.87	17.72	17.79		
15	256QAM	1	74	17.70	17.89	17.81		
15	256QAM	36	0	17.82	17.72	17.94	19	5
15	256QAM	36	20	17.84	17.88	17.91		
15	256QAM	36	39	18.03	17.98	17.86		
15	256QAM	75	0	17.94	17.91	17.94		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	23.00	22.85	24	0
10	QPSK	1	25	22.92	22.83	22.77		
10	QPSK	1	49	22.84	22.76	22.71		
10	QPSK	25	0	21.90	22.02	21.90	23	1
10	QPSK	25	12	21.95	21.97	21.97		
10	QPSK	25	25	22.03	21.93	21.93		
10	QPSK	50	0	21.85	22.04	21.96		
10	16QAM	1	0	22.04	21.77	21.85	23	1
10	16QAM	1	25	21.95	22.00	22.03		
10	16QAM	1	49	21.83	21.93	22.00		
10	16QAM	25	0	20.96	20.95	21.00	22	2
10	16QAM	25	12	20.96	20.80	20.98		
10	16QAM	25	25	20.88	20.76	20.95		
10	16QAM	50	0	20.94	20.75	20.95		
10	64QAM	1	0	20.94	20.83	20.91	22	2
10	64QAM	1	25	20.78	20.83	20.96		
10	64QAM	1	49	20.79	20.88	20.96		
10	64QAM	25	0	20.02	20.05	20.00	21	3
10	64QAM	25	12	20.10	20.13	19.98		
10	64QAM	25	25	20.08	19.95	20.08		
10	64QAM	50	0	20.16	20.06	20.05		
10	256QAM	1	0	17.90	17.81	17.82	19	5
10	256QAM	1	25	17.89	17.74	17.76		
10	256QAM	1	49	17.66	17.97	17.84		
10	256QAM	25	0	17.84	17.71	17.92	19	5
10	256QAM	25	12	17.92	17.82	17.91		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.85	17.88	17.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.66	23.02	22.85	24	0
5	QPSK	1	12	22.88	22.81	22.74		
5	QPSK	1	24	22.83	22.72	22.80		
5	QPSK	12	0	21.96	21.98	21.99	23	1
5	QPSK	12	7	21.99	21.97	21.96		
5	QPSK	12	13	22.03	21.90	21.90		
5	QPSK	25	0	21.85	22.10	21.91		
5	16QAM	1	0	22.02	21.82	21.88	23	1
5	16QAM	1	12	22.05	22.01	22.06		
5	16QAM	1	24	21.85	21.90	21.98		
5	16QAM	12	0	21.04	20.96	20.97	22	2
5	16QAM	12	7	21.06	20.80	20.97		
5	16QAM	12	13	20.91	20.79	20.94		
5	16QAM	25	0	20.91	20.74	20.93		
5	64QAM	1	0	20.97	20.76	20.98	22	2
5	64QAM	1	12	20.78	20.87	20.87		
5	64QAM	1	24	20.73	20.83	20.89		
5	64QAM	12	0	19.95	20.06	20.00	21	3
5	64QAM	12	7	20.17	20.15	19.96		
5	64QAM	12	13	20.12	19.90	19.99		
5	64QAM	25	0	20.18	20.08	20.09		
5	256QAM	1	0	17.92	17.79	17.86	19	5
5	256QAM	1	12	17.88	17.74	17.76		
5	256QAM	1	24	17.76	17.94	17.85		
5	256QAM	12	0	17.88	17.68	17.86	19	5
5	256QAM	12	7	17.85	17.88	17.94		
5	256QAM	12	13	17.97	17.92	17.95		
5	256QAM	25	0	17.85	17.84	17.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.68	23.07	22.85	24	0
3	QPSK	1	8	22.85	22.82	22.78		
3	QPSK	1	14	22.83	22.69	22.83		
3	QPSK	8	0	21.99	22.08	21.93	23	1
3	QPSK	8	4	21.98	22.02	22.04		
3	QPSK	8	7	22.02	21.87	21.87		
3	QPSK	15	0	21.83	22.03	21.91		
3	16QAM	1	0	21.95	21.82	21.80	23	1
3	16QAM	1	8	21.94	21.91	22.08		
3	16QAM	1	14	21.82	21.89	21.89		
3	16QAM	8	0	20.98	20.94	20.96	22	2
3	16QAM	8	4	21.02	20.85	20.98		
3	16QAM	8	7	20.81	20.76	20.97		
3	16QAM	15	0	20.92	20.81	20.88		
3	64QAM	1	0	21.01	20.78	20.92	22	2
3	64QAM	1	8	20.79	20.86	20.94		
3	64QAM	1	14	20.82	20.81	20.91		
3	64QAM	8	0	20.01	20.02	20.01	21	3
3	64QAM	8	4	20.13	20.12	20.04		
3	64QAM	8	7	20.09	19.97	20.05		
3	64QAM	15	0	20.16	20.11	20.08		
3	256QAM	1	0	17.87	17.76	17.85	19	5
3	256QAM	1	8	17.85	17.74	17.73		
3	256QAM	1	14	17.76	17.90	17.84		
3	256QAM	8	0	17.86	17.73	17.89	19	5
3	256QAM	8	4	17.87	17.80	17.90		
3	256QAM	8	7	17.96	17.89	17.91		
3	256QAM	15	0	17.94	17.85	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.64	23.04	22.85	24	0
1.4	QPSK	1	3	22.78	22.77	22.70		
1.4	QPSK	1	5	22.76	22.70	22.79		
1.4	QPSK	3	0	22.19	22.58	22.40	23	1
1.4	QPSK	3	1	22.11	22.53	22.37		
1.4	QPSK	3	3	22.14	22.51	22.30		
1.4	QPSK	6	0	22.09	22.53	22.39		
1.4	16QAM	1	0	22.09	22.56	22.32	23	1
1.4	16QAM	1	3	22.09	22.50	22.38		
1.4	16QAM	1	5	22.20	22.50	22.30		
1.4	16QAM	3	0	21.18	21.51	21.30	22	2
1.4	16QAM	3	1	21.12	21.51	21.40		
1.4	16QAM	3	3	21.19	21.59	21.34		
1.4	16QAM	6	0	21.09	21.52	21.37		
1.4	64QAM	1	0	21.08	21.49	21.40	22	2
1.4	64QAM	1	3	21.19	21.49	21.29		
1.4	64QAM	1	5	21.10	21.56	21.40		
1.4	64QAM	3	0	20.30	20.72	20.53	21	3
1.4	64QAM	3	1	20.34	20.77	20.59		
1.4	64QAM	3	3	20.30	20.74	20.53		
1.4	64QAM	6	0	20.33	20.69	20.60		
1.4	256QAM	1	0	17.84	17.77	17.82	19	5
1.4	256QAM	1	3	17.85	17.69	17.70		
1.4	256QAM	1	5	17.67	17.81	17.74		
1.4	256QAM	3	0	17.81	17.66	17.90	19	5
1.4	256QAM	3	1	17.79	17.77	17.85		
1.4	256QAM	3	3	17.86	17.83	17.85		
1.4	256QAM	6	0	17.87	17.80	17.93		

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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	22.59	22.74	22.52	24	0
20	QPSK	1	49	22.73	22.62	22.55		
20	QPSK	1	99	22.52	22.54	22.72		
20	QPSK	50	0	21.72	21.76	21.68	23	1
20	QPSK	50	24	21.74	21.69	21.61		
20	QPSK	50	50	21.75	21.67	21.62		
20	QPSK	100	0	21.66	21.75	21.73		
20	16QAM	1	0	21.92	21.78	21.81	23	1
20	16QAM	1	49	21.99	21.91	21.99		
20	16QAM	1	99	21.89	21.99	21.79		
20	16QAM	50	0	20.65	20.68	20.64	22	2
20	16QAM	50	24	20.60	20.60	20.78		
20	16QAM	50	50	20.72	20.58	20.60		
20	16QAM	100	0	20.72	20.63	20.57		
20	64QAM	1	0	20.67	20.58	20.65	22	2
20	64QAM	1	49	20.69	20.66	20.60		
20	64QAM	1	99	20.70	20.71	20.56		
20	64QAM	50	0	20.77	20.72	20.83	21	3
20	64QAM	50	24	20.79	20.77	20.83		
20	64QAM	50	50	20.67	20.79	20.80		
20	64QAM	100	0	20.68	20.78	20.73		
20	256QAM	1	0	17.90	17.71	17.76	19	5
20	256QAM	1	49	17.89	17.73	17.80		
20	256QAM	1	99	17.90	17.88	17.75		
20	256QAM	50	0	17.81	17.93	17.79	19	5
20	256QAM	50	24	17.71	17.81	17.88		
20	256QAM	50	50	17.92	17.78	17.71		
20	256QAM	100	0	17.76	17.72	17.75		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.52	22.69	22.43	24	0
15	QPSK	1	37	22.59	22.58	22.50		
15	QPSK	1	74	22.42	22.40	22.60		
15	QPSK	36	0	21.66	21.63	21.64	23	1
15	QPSK	36	20	21.62	21.57	21.54		
15	QPSK	36	39	21.64	21.62	21.53		
15	QPSK	75	0	21.56	21.61	21.60		
15	16QAM	1	0	21.85	21.76	21.70	23	1
15	16QAM	1	37	21.90	21.79	21.94		
15	16QAM	1	74	21.78	21.86	21.73		
15	16QAM	36	0	20.63	20.56	20.57	22	2
15	16QAM	36	20	20.51	20.56	20.70		
15	16QAM	36	39	20.61	20.56	20.55		
15	16QAM	75	0	20.62	20.54	20.44		
15	64QAM	1	0	20.56	20.45	20.53	22	2
15	64QAM	1	37	20.55	20.63	20.56		
15	64QAM	1	74	20.64	20.67	20.45		
15	64QAM	36	0	20.72	20.68	20.76	21	3
15	64QAM	36	20	20.70	20.64	20.71		
15	64QAM	36	39	20.63	20.71	20.77		
15	64QAM	75	0	20.65	20.73	20.67		
15	256QAM	1	0	17.76	17.61	17.63	19	5
15	256QAM	1	37	17.82	17.68	17.77		
15	256QAM	1	74	17.78	17.82	17.67		
15	256QAM	36	0	17.70	17.82	17.75	19	5
15	256QAM	36	20	17.66	17.67	17.77		
15	256QAM	36	39	17.78	17.75	17.60		
15	256QAM	75	0	17.73	17.61	17.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.56	22.71	22.44	24	0
10	QPSK	1	25	22.60	22.54	22.50		
10	QPSK	1	49	22.48	22.44	22.70		
10	QPSK	25	0	21.61	21.74	21.64	23	1
10	QPSK	25	12	21.64	21.59	21.56		
10	QPSK	25	25	21.70	21.54	21.49		
10	QPSK	50	0	21.58	21.64	21.67		
10	16QAM	1	0	21.83	21.72	21.69	23	1
10	16QAM	1	25	21.86	21.82	21.88		
10	16QAM	1	49	21.85	21.96	21.69		
10	16QAM	25	0	20.56	20.62	20.57	22	2
10	16QAM	25	12	20.52	20.47	20.68		
10	16QAM	25	25	20.60	20.52	20.57		
10	16QAM	50	0	20.66	20.58	20.45		
10	64QAM	1	0	20.63	20.55	20.55	22	2
10	64QAM	1	25	20.66	20.59	20.56		
10	64QAM	1	49	20.58	20.60	20.45		
10	64QAM	25	0	20.75	20.62	20.74	21	3
10	64QAM	25	12	20.67	20.66	20.74		
10	64QAM	25	25	20.62	20.67	20.77		
10	64QAM	50	0	20.63	20.68	20.62		
10	256QAM	1	0	17.79	17.65	17.73	19	5
10	256QAM	1	25	17.83	17.61	17.76		
10	256QAM	1	49	17.87	17.75	17.63		
10	256QAM	25	0	17.67	17.91	17.71	19	5
10	256QAM	25	12	17.66	17.73	17.75		
10	256QAM	25	25	17.88	17.68	17.66		
10	256QAM	50	0	17.70	17.67	17.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.56	22.71	22.41	24	0
5	QPSK	1	12	22.70	22.59	22.43		
5	QPSK	1	24	22.44	22.49	22.69		
5	QPSK	12	0	21.65	21.71	21.55	23	1
5	QPSK	12	7	21.64	21.58	21.51		
5	QPSK	12	13	21.63	21.55	21.58		
5	QPSK	25	0	21.59	21.66	21.71		
5	16QAM	1	0	21.82	21.71	21.70	23	1
5	16QAM	1	12	21.87	21.86	21.89		
5	16QAM	1	24	21.86	21.91	21.69		
5	16QAM	12	0	20.59	20.60	20.52	22	2
5	16QAM	12	7	20.55	20.52	20.75		
5	16QAM	12	13	20.67	20.48	20.48		
5	16QAM	25	0	20.66	20.59	20.44		
5	64QAM	1	0	20.57	20.53	20.54	22	2
5	64QAM	1	12	20.56	20.52	20.52		
5	64QAM	1	24	20.64	20.57	20.52		
5	64QAM	12	0	20.72	20.60	20.70	21	3
5	64QAM	12	7	20.75	20.65	20.70		
5	64QAM	12	13	20.54	20.70	20.66		
5	64QAM	25	0	20.60	20.74	20.62		
5	256QAM	1	0	17.84	17.62	17.70	19	5
5	256QAM	1	12	17.76	17.63	17.68		
5	256QAM	1	24	17.79	17.78	17.70		
5	256QAM	12	0	17.69	17.90	17.69	19	5
5	256QAM	12	7	17.62	17.68	17.75		
5	256QAM	12	13	17.86	17.74	17.67		
5	256QAM	25	0	17.70	17.64	17.71		

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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	22.95	22.98	22.93	24	0
20	QPSK	1	49	22.83	22.84	22.78		
20	QPSK	1	99	22.94	22.94	22.92		
20	QPSK	50	0	22.03	22.17	21.97	23	1
20	QPSK	50	24	21.99	22.07	22.02		
20	QPSK	50	50	22.11	22.04	22.15		
20	QPSK	100	0	22.00	22.18	22.08		
20	16QAM	1	0	21.93	22.14	22.08	23	1
20	16QAM	1	49	21.94	21.98	22.13		
20	16QAM	1	99	21.98	22.00	22.05		
20	16QAM	50	0	21.09	21.01	20.92	22	2
20	16QAM	50	24	21.04	20.97	21.04		
20	16QAM	50	50	20.97	20.90	21.08		
20	16QAM	100	0	21.08	21.06	20.98		
20	64QAM	1	0	21.07	20.99	21.10	22	2
20	64QAM	1	49	21.02	21.07	21.04		
20	64QAM	1	99	20.90	20.93	20.98		
20	64QAM	50	0	20.01	20.04	19.97	21	3
20	64QAM	50	24	20.03	20.10	20.03		
20	64QAM	50	50	19.96	20.05	20.04		
20	64QAM	100	0	19.99	19.92	20.01		
20	256QAM	1	0	18.21	18.07	18.18	19	5
20	256QAM	1	49	18.20	18.05	18.20		
20	256QAM	1	99	18.03	18.14	18.01		
20	256QAM	50	0	18.04	18.22	18.04	19	5
20	256QAM	50	24	17.99	18.02	18.13		
20	256QAM	50	50	18.01	18.13	18.05		
20	256QAM	100	0	18.22	18.18	18.00		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.85	22.89	22.82	24	0
15	QPSK	1	37	22.74	22.76	22.65		
15	QPSK	1	74	22.90	22.89	22.85		
15	QPSK	36	0	21.94	22.05	21.89	23	1
15	QPSK	36	20	21.93	22.01	21.92		
15	QPSK	36	39	21.99	21.96	22.11		
15	QPSK	75	0	21.90	22.14	22.04		
15	16QAM	1	0	21.81	22.06	22.02	23	1
15	16QAM	1	37	21.82	21.86	22.06		
15	16QAM	1	74	21.87	21.88	21.95		
15	16QAM	36	0	21.06	20.94	20.84	22	2
15	16QAM	36	20	20.93	20.91	20.99		
15	16QAM	36	39	20.89	20.81	20.95		
15	16QAM	75	0	20.99	20.94	20.89		
15	64QAM	1	0	21.01	20.93	20.99	22	2
15	64QAM	1	37	20.95	20.98	21.01		
15	64QAM	1	74	20.79	20.90	20.87		
15	64QAM	36	0	19.96	19.95	19.91	21	3
15	64QAM	36	20	19.91	20.06	19.94		
15	64QAM	36	39	19.84	20.00	20.00		
15	64QAM	75	0	19.95	19.80	19.91		
15	256QAM	1	0	18.15	17.95	18.09	19	5
15	256QAM	1	37	18.08	18.01	18.10		
15	256QAM	1	74	17.98	18.07	17.91		
15	256QAM	36	0	17.98	18.14	17.99	19	5
15	256QAM	36	20	17.88	17.96	18.01		
15	256QAM	36	39	17.98	18.09	18.02		
15	256QAM	75	0	18.12	18.08	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.91	22.87	24	0
10	QPSK	1	25	22.76	22.76	22.72		
10	QPSK	1	49	22.83	22.83	22.88		
10	QPSK	25	0	21.96	22.12	21.86	23	1
10	QPSK	25	12	21.93	22.00	21.94		
10	QPSK	25	25	22.00	21.98	22.03		
10	QPSK	50	0	21.88	22.07	22.04		
10	16QAM	1	0	21.87	22.08	21.96	23	1
10	16QAM	1	25	21.87	21.94	22.02		
10	16QAM	1	49	21.89	21.89	21.92		
10	16QAM	25	0	21.05	20.93	20.83	22	2
10	16QAM	25	12	20.93	20.87	20.97		
10	16QAM	25	25	20.88	20.83	21.00		
10	16QAM	50	0	21.00	20.93	20.95		
10	64QAM	1	0	21.01	20.88	20.99	22	2
10	64QAM	1	25	20.97	21.00	20.95		
10	64QAM	1	49	20.86	20.89	20.90		
10	64QAM	25	0	19.91	19.99	19.84	21	3
10	64QAM	25	12	19.90	20.06	19.92		
10	64QAM	25	25	19.88	20.00	19.92		
10	64QAM	50	0	19.91	19.86	19.93		
10	256QAM	1	0	18.15	17.97	18.07	19	5
10	256QAM	1	25	18.07	17.97	18.12		
10	256QAM	1	49	17.93	18.04	17.97		
10	256QAM	25	0	17.91	18.17	17.93	19	5
10	256QAM	25	12	17.90	17.92	18.07		
10	256QAM	25	25	17.96	18.08	17.96		
10	256QAM	50	0	18.12	18.07	17.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.86	22.86	22.83	24	0
5	QPSK	1	12	22.74	22.76	22.71		
5	QPSK	1	24	22.86	22.84	22.85		
5	QPSK	12	0	21.96	22.11	21.89	23	1
5	QPSK	12	7	21.87	21.99	21.94		
5	QPSK	12	13	22.03	21.94	22.09		
5	QPSK	25	0	21.89	22.10	21.96		
5	16QAM	1	0	21.89	22.06	22.02	23	1
5	16QAM	1	12	21.87	21.94	22.06		
5	16QAM	1	24	21.90	21.90	22.01		
5	16QAM	12	0	21.02	20.90	20.82	22	2
5	16QAM	12	7	20.92	20.91	20.99		
5	16QAM	12	13	20.89	20.78	21.02		
5	16QAM	25	0	21.01	20.95	20.88		
5	64QAM	1	0	21.03	20.87	20.99	22	2
5	64QAM	1	12	20.92	21.01	20.95		
5	64QAM	1	24	20.84	20.80	20.93		
5	64QAM	12	0	19.95	19.96	19.88	21	3
5	64QAM	12	7	19.95	20.00	19.95		
5	64QAM	12	13	19.86	19.94	19.93		
5	64QAM	25	0	19.88	19.87	19.92		
5	256QAM	1	0	18.12	18.00	18.12	19	5
5	256QAM	1	12	18.16	17.99	18.08		
5	256QAM	1	24	17.96	18.01	17.91		
5	256QAM	12	0	17.98	18.12	17.96	19	5
5	256QAM	12	7	17.93	17.97	18.06		
5	256QAM	12	13	17.93	18.03	17.98		
5	256QAM	25	0	18.17	18.08	17.87		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.86	22.86	22.88	24	0
3	QPSK	1	8	22.80	22.79	22.74		
3	QPSK	1	14	22.87	22.86	22.89		
3	QPSK	8	0	21.98	22.08	21.87	23	1
3	QPSK	8	4	21.95	22.02	21.94		
3	QPSK	8	7	22.07	22.00	22.09		
3	QPSK	15	0	21.96	22.09	22.03		
3	16QAM	1	0	21.80	22.01	21.96	23	1
3	16QAM	1	8	21.82	21.93	22.00		
3	16QAM	1	14	21.86	21.89	22.00		
3	16QAM	8	0	20.97	20.92	20.81	22	2
3	16QAM	8	4	21.01	20.87	20.96		
3	16QAM	8	7	20.91	20.85	20.98		
3	16QAM	15	0	20.99	21.00	20.85		
3	64QAM	1	0	20.99	20.88	21.03	22	2
3	64QAM	1	8	20.93	21.02	21.01		
3	64QAM	1	14	20.77	20.89	20.91		
3	64QAM	8	0	19.89	19.97	19.86	21	3
3	64QAM	8	4	19.99	20.02	20.00		
3	64QAM	8	7	19.87	19.98	19.99		
3	64QAM	15	0	19.93	19.85	19.96		
3	256QAM	1	0	18.13	18.00	18.07	19	5
3	256QAM	1	8	18.16	17.96	18.10		
3	256QAM	1	14	17.99	18.10	17.97		
3	256QAM	8	0	17.99	18.14	17.93	19	5
3	256QAM	8	4	17.94	17.90	18.02		
3	256QAM	8	7	17.95	18.07	17.99		
3	256QAM	15	0	18.10	18.05	17.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.88	22.93	22.83	24	0
1.4	QPSK	1	3	22.76	22.74	22.72		
1.4	QPSK	1	5	22.85	22.81	22.79		
1.4	QPSK	3	0	21.94	22.11	21.91	23	1
1.4	QPSK	3	1	21.95	21.96	21.91		
1.4	QPSK	3	3	22.05	21.94	22.12		
1.4	QPSK	6	0	21.87	22.13	22.01		
1.4	16QAM	1	0	21.85	22.03	22.00	23	1
1.4	16QAM	1	3	21.86	21.90	22.05		
1.4	16QAM	1	5	21.90	21.93	22.01		
1.4	16QAM	3	0	21.03	20.98	20.89	22	2
1.4	16QAM	3	1	21.01	20.90	20.94		
1.4	16QAM	3	3	20.90	20.80	20.96		
1.4	16QAM	6	0	20.95	21.01	20.93		
1.4	64QAM	1	0	21.01	20.86	21.07	22	2
1.4	64QAM	1	3	20.99	21.04	20.96		
1.4	64QAM	1	5	20.81	20.84	20.93		
1.4	64QAM	3	0	19.95	19.98	19.94	21	3
1.4	64QAM	3	1	19.94	20.04	19.97		
1.4	64QAM	3	3	19.87	19.97	19.94		
1.4	64QAM	6	0	19.90	19.84	19.93		
1.4	256QAM	1	0	18.11	18.01	18.09	19	5
1.4	256QAM	1	3	18.10	17.97	18.13		
1.4	256QAM	1	5	17.99	18.02	17.92		
1.4	256QAM	3	0	17.92	18.17	17.95	19	5
1.4	256QAM	3	1	17.94	17.92	18.08		
1.4	256QAM	3	3	17.97	18.01	17.94		
1.4	256QAM	6	0	18.15	18.09	17.96		

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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				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		23.28		24	0
10	QPSK	1	25		23.15			
10	QPSK	1	49		23.26			
10	QPSK	25	0		22.36		23	1
10	QPSK	25	12		22.26			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.39		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.34		22	2
10	16QAM	25	12		21.32			
10	16QAM	25	25		21.13			
10	16QAM	50	0		21.37			
10	64QAM	1	0		21.54		22	2
10	64QAM	1	25		21.43			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.31		21	3
10	64QAM	25	12		20.23			
10	64QAM	25	25		20.20			
10	64QAM	50	0		20.34			
10	256QAM	1	0		18.47		19	5
10	256QAM	1	25		18.34			
10	256QAM	1	49		18.25			
10	256QAM	25	0		18.41		19	5
10	256QAM	25	12		18.34			
10	256QAM	25	25		18.34			
10	256QAM	50	0		18.43			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.19	23.18	23.18	24	0
5	QPSK	1	12	23.08	23.05	23.10		
5	QPSK	1	24	23.23	23.14	23.14		
5	QPSK	12	0	22.25	22.25	22.24	23	1
5	QPSK	12	7	22.17	22.19	22.18		
5	QPSK	12	13	22.30	22.25	22.31		
5	QPSK	25	0	22.24	22.22	22.24		
5	16QAM	1	0	22.34	22.35	22.29	23	1
5	16QAM	1	12	22.12	22.14	22.12		
5	16QAM	1	24	22.17	22.17	22.11		
5	16QAM	12	0	21.22	21.28	21.30	22	2
5	16QAM	12	7	21.22	21.21	21.26		
5	16QAM	12	13	21.09	21.00	21.07		
5	16QAM	25	0	21.26	21.31	21.29		
5	64QAM	1	0	21.48	21.44	21.42	22	2
5	64QAM	1	12	21.32	21.33	21.31		
5	64QAM	1	24	21.37	21.46	21.37		
5	64QAM	12	0	20.26	20.27	20.24	21	3
5	64QAM	12	7	20.14	20.13	20.15		
5	64QAM	12	13	20.15	20.17	20.08		
5	64QAM	25	0	20.27	20.31	20.29		
5	256QAM	1	0	18.37	18.37	18.38	19	5
5	256QAM	1	12	18.24	18.25	18.23		
5	256QAM	1	24	18.18	18.19	18.13		
5	256QAM	12	0	18.38	18.33	18.34	19	5
5	256QAM	12	7	18.26	18.30	18.25		
5	256QAM	12	13	18.30	18.22	18.22		
5	256QAM	25	0	18.37	18.35	18.31		

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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	23.18	23.19	23.02	24	0
20	QPSK	1	49	22.98	23.12	22.98		
20	QPSK	1	99	23.11	22.97	23.11		
20	QPSK	50	0	22.26	22.29	22.16	23	1
20	QPSK	50	24	22.18	22.13	22.28		
20	QPSK	50	50	22.26	22.12	22.24		
20	QPSK	100	0	21.99	22.17	22.12		
20	16QAM	1	0	22.02	22.02	22.17	23	1
20	16QAM	1	49	22.12	22.02	22.09		
20	16QAM	1	99	22.13	21.98	22.10		
20	16QAM	50	0	21.12	20.97	21.14	22	2
20	16QAM	50	24	21.12	20.98	20.96		
20	16QAM	50	50	21.10	20.98	21.01		
20	16QAM	100	0	21.10	21.04	20.96		
20	64QAM	1	0	21.13	21.05	20.95	22	2
20	64QAM	1	49	20.95	20.97	20.99		
20	64QAM	1	99	21.01	20.94	21.02		
20	64QAM	50	0	20.14	20.19	20.20	21	3
20	64QAM	50	24	20.15	20.25	20.02		
20	64QAM	50	50	20.05	20.04	20.11		
20	64QAM	100	0	20.11	20.17	20.15		
20	256QAM	1	0	18.32	18.20	18.15	19	5
20	256QAM	1	49	18.21	18.24	18.17		
20	256QAM	1	99	18.13	18.33	18.18		
20	256QAM	50	0	18.20	18.36	18.29	19	5
20	256QAM	50	24	18.20	18.22	18.24		
20	256QAM	50	50	18.36	18.31	18.15		
20	256QAM	100	0	18.21	18.36	18.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.12	23.13	22.94	24	0
15	QPSK	1	37	22.91	23.07	22.93		
15	QPSK	1	74	23.05	22.84	23.02		
15	QPSK	36	0	22.20	22.21	22.13	23	1
15	QPSK	36	20	22.08	22.06	22.16		
15	QPSK	36	39	22.18	22.05	22.12		
15	QPSK	75	0	21.91	22.05	22.08		
15	16QAM	1	0	21.92	21.98	22.05	23	1
15	16QAM	1	37	22.06	21.90	21.96		
15	16QAM	1	74	22.07	21.87	22.02		
15	16QAM	36	0	21.07	20.90	21.06	22	2
15	16QAM	36	20	21.00	20.90	20.83		
15	16QAM	36	39	21.02	20.85	20.93		
15	16QAM	75	0	20.98	20.93	20.92		
15	64QAM	1	0	21.09	20.95	20.82	22	2
15	64QAM	1	37	20.85	20.84	20.88		
15	64QAM	1	74	20.96	20.90	20.89		
15	64QAM	36	0	20.02	20.14	20.08	21	3
15	64QAM	36	20	20.07	20.15	19.89		
15	64QAM	36	39	19.99	19.98	20.05		
15	64QAM	75	0	20.07	20.05	20.05		
15	256QAM	1	0	18.22	18.17	18.08	19	5
15	256QAM	1	37	18.17	18.19	18.11		
15	256QAM	1	74	18.03	18.23	18.07		
15	256QAM	36	0	18.09	18.23	18.23	19	5
15	256QAM	36	20	18.16	18.19	18.13		
15	256QAM	36	39	18.29	18.19	18.07		
15	256QAM	75	0	18.16	18.30	18.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.01	22.91		
10	QPSK	1	49	23.07	22.86	23.03		
10	QPSK	25	0	22.14	22.21	22.07	23	1
10	QPSK	25	12	22.06	22.04	22.16		
10	QPSK	25	25	22.18	22.07	22.21		
10	QPSK	50	0	21.86	22.09	22.09		
10	16QAM	1	0	21.89	21.93	22.14	23	1
10	16QAM	1	25	22.04	21.96	21.96		
10	16QAM	1	49	22.08	21.88	21.98		
10	16QAM	25	0	21.07	20.85	21.09	22	2
10	16QAM	25	12	21.03	20.86	20.89		
10	16QAM	25	25	20.99	20.92	20.97		
10	16QAM	50	0	21.01	20.98	20.85		
10	64QAM	1	0	21.09	20.93	20.83	22	2
10	64QAM	1	25	20.85	20.93	20.88		
10	64QAM	1	49	20.89	20.91	20.94		
10	64QAM	25	0	20.06	20.16	20.14	21	3
10	64QAM	25	12	20.08	20.17	19.91		
10	64QAM	25	25	19.97	19.96	19.99		
10	64QAM	50	0	20.00	20.07	20.11		
10	256QAM	1	0	18.23	18.15	18.02	19	5
10	256QAM	1	25	18.12	18.14	18.13		
10	256QAM	1	49	18.06	18.20	18.07		
10	256QAM	25	0	18.15	18.25	18.20	19	5
10	256QAM	25	12	18.12	18.13	18.20		
10	256QAM	25	25	18.30	18.28	18.03		
10	256QAM	50	0	18.08	18.31	18.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.07	23.12	22.99	24	0
5	QPSK	1	12	22.87	23.03	22.90		
5	QPSK	1	24	23.01	22.87	23.06		
5	QPSK	12	0	22.16	22.17	22.12	23	1
5	QPSK	12	7	22.09	22.02	22.18		
5	QPSK	12	13	22.15	22.07	22.13		
5	QPSK	25	0	21.96	22.13	22.00		
5	16QAM	1	0	21.94	21.97	22.08	23	1
5	16QAM	1	12	22.04	21.95	22.03		
5	16QAM	1	24	22.05	21.86	22.03		
5	16QAM	12	0	21.06	20.91	21.03	22	2
5	16QAM	12	7	21.00	20.89	20.92		
5	16QAM	12	13	21.02	20.90	20.93		
5	16QAM	25	0	20.97	20.96	20.86		
5	64QAM	1	0	21.06	20.97	20.91	22	2
5	64QAM	1	12	20.83	20.84	20.87		
5	64QAM	1	24	20.90	20.86	20.96		
5	64QAM	12	0	20.10	20.10	20.16	21	3
5	64QAM	12	7	20.09	20.22	19.90		
5	64QAM	12	13	20.02	19.99	20.04		
5	64QAM	25	0	20.03	20.10	20.12		
5	256QAM	1	0	18.26	18.09	18.02	19	5
5	256QAM	1	12	18.13	18.16	18.06		
5	256QAM	1	24	18.07	18.29	18.15		
5	256QAM	12	0	18.12	18.28	18.17	19	5
5	256QAM	12	7	18.16	18.10	18.13		
5	256QAM	12	13	18.24	18.20	18.04		
5	256QAM	25	0	18.17	18.32	18.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.09	22.98	24	0
3	QPSK	1	8	22.88	23.08	22.92		
3	QPSK	1	14	23.07	22.85	23.05		
3	QPSK	8	0	22.16	22.23	22.10	23	1
3	QPSK	8	4	22.10	22.05	22.22		
3	QPSK	8	7	22.21	22.07	22.19		
3	QPSK	15	0	21.91	22.09	22.08		
3	16QAM	1	0	21.90	21.97	22.10	23	1
3	16QAM	1	8	22.08	21.91	22.01		
3	16QAM	1	14	22.09	21.93	22.05		
3	16QAM	8	0	21.00	20.84	21.04	22	2
3	16QAM	8	4	21.03	20.93	20.92		
3	16QAM	8	7	21.05	20.85	20.90		
3	16QAM	15	0	20.99	20.96	20.89		
3	64QAM	1	0	21.01	20.98	20.86	22	2
3	64QAM	1	8	20.91	20.86	20.90		
3	64QAM	1	14	20.93	20.88	20.91		
3	64QAM	8	0	20.10	20.08	20.11	21	3
3	64QAM	8	4	20.02	20.13	19.91		
3	64QAM	8	7	19.95	19.94	19.99		
3	64QAM	15	0	20.01	20.09	20.11		
3	256QAM	1	0	18.27	18.09	18.10	19	5
3	256QAM	1	8	18.10	18.19	18.08		
3	256QAM	1	14	18.00	18.20	18.10		
3	256QAM	8	0	18.08	18.24	18.17	19	5
3	256QAM	8	4	18.13	18.19	18.18		
3	256QAM	8	7	18.28	18.26	18.07		
3	256QAM	15	0	18.10	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.12	23.16	22.92	24	0
1.4	QPSK	1	3	22.91	23.07	22.89		
1.4	QPSK	1	5	22.98	22.88	23.00		
1.4	QPSK	3	0	22.21	22.25	22.12	23	1
1.4	QPSK	3	1	22.07	22.09	22.15		
1.4	QPSK	3	3	22.18	22.03	22.13		
1.4	QPSK	6	0	21.96	22.10	22.04		
1.4	16QAM	1	0	21.94	21.92	22.10	23	1
1.4	16QAM	1	3	22.02	21.89	21.97		
1.4	16QAM	1	5	22.02	21.85	21.99		
1.4	16QAM	3	0	20.99	20.93	21.07	22	2
1.4	16QAM	3	1	21.03	20.88	20.84		
1.4	16QAM	3	3	21.05	20.88	20.94		
1.4	16QAM	6	0	20.99	21.00	20.84		
1.4	64QAM	1	0	21.06	20.97	20.86	22	2
1.4	64QAM	1	3	20.83	20.86	20.92		
1.4	64QAM	1	5	20.96	20.88	20.91		
1.4	64QAM	3	0	20.09	20.08	20.11	21	3
1.4	64QAM	3	1	20.07	20.14	19.92		
1.4	64QAM	3	3	19.93	20.00	20.00		
1.4	64QAM	6	0	19.98	20.09	20.09		
1.4	256QAM	1	0	18.24	18.08	18.04	19	5
1.4	256QAM	1	3	18.09	18.19	18.07		
1.4	256QAM	1	5	18.06	18.21	18.10		
1.4	256QAM	3	0	18.08	18.26	18.17	19	5
1.4	256QAM	3	1	18.10	18.11	18.19		
1.4	256QAM	3	3	18.26	18.19	18.02		
1.4	256QAM	6	0	18.13	18.28	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.70	23.71	23.66	24	0
20	QPSK	1	49	23.55	23.61	23.48		
20	QPSK	1	99	23.66	23.68	23.47		
20	QPSK	50	0	22.73	22.81	22.79	23	1
20	QPSK	50	24	22.61	22.67	22.63		
20	QPSK	50	50	22.62	22.73	22.68		
20	QPSK	100	0	22.67	22.76	22.69		
20	16QAM	1	0	22.77	22.58	22.77	23	1
20	16QAM	1	49	22.65	22.69	22.77		
20	16QAM	1	99	22.73	22.71	22.58		
20	16QAM	50	0	21.62	21.63	21.67	22	2
20	16QAM	50	24	21.71	21.71	21.76		
20	16QAM	50	50	21.86	21.77	21.66		
20	16QAM	100	0	21.65	21.70	21.69		
20	64QAM	1	0	21.74	21.76	21.65	22	2
20	64QAM	1	49	21.85	21.79	21.71		
20	64QAM	1	99	21.82	21.68	21.77		
20	64QAM	50	0	20.67	20.58	20.48	21	3
20	64QAM	50	24	20.49	20.53	20.63		
20	64QAM	50	50	20.60	20.47	20.52		
20	64QAM	100	0	20.53	20.55	20.53		
20	256QAM	1	0	18.54	18.63	18.66	19	5
20	256QAM	1	49	18.61	18.54	18.49		
20	256QAM	1	99	18.52	18.53	18.50		
20	256QAM	50	0	18.63	18.65	18.49	19	5
20	256QAM	50	24	18.56	18.49	18.57		
20	256QAM	50	50	18.50	18.48	18.50		
20	256QAM	100	0	18.68	18.58	18.51		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.70	23.56	24	0
15	QPSK	1	37	23.49	23.54	23.44		
15	QPSK	1	74	23.62	23.65	23.37		
15	QPSK	36	0	22.66	22.69	22.68	23	1
15	QPSK	36	20	22.51	22.59	22.54		
15	QPSK	36	39	22.49	22.66	22.64		
15	QPSK	75	0	22.59	22.65	22.59		
15	16QAM	1	0	22.66	22.45	22.67	23	1
15	16QAM	1	37	22.53	22.62	22.69		
15	16QAM	1	74	22.61	22.67	22.52		
15	16QAM	36	0	21.56	21.51	21.59	22	2
15	16QAM	36	20	21.66	21.68	21.64		
15	16QAM	36	39	21.82	21.67	21.62		
15	16QAM	75	0	21.54	21.61	21.60		
15	64QAM	1	0	21.65	21.72	21.61	22	2
15	64QAM	1	37	21.76	21.70	21.61		
15	64QAM	1	74	21.75	21.59	21.68		
15	64QAM	36	0	20.56	20.48	20.45	21	3
15	64QAM	36	20	20.43	20.41	20.56		
15	64QAM	36	39	20.52	20.38	20.43		
15	64QAM	75	0	20.41	20.45	20.48		
15	256QAM	1	0	18.48	18.56	18.55	19	5
15	256QAM	1	37	18.50	18.46	18.39		
15	256QAM	1	74	18.40	18.49	18.45		
15	256QAM	36	0	18.52	18.59	18.40	19	5
15	256QAM	36	20	18.49	18.41	18.45		
15	256QAM	36	39	18.38	18.37	18.42		
15	256QAM	75	0	18.61	18.53	18.40		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.60	23.68	23.59	24	0
10	QPSK	1	25	23.47	23.52	23.42		
10	QPSK	1	49	23.58	23.58	23.36		
10	QPSK	25	0	22.60	22.73	22.66	23	1
10	QPSK	25	12	22.51	22.61	22.58		
10	QPSK	25	25	22.58	22.67	22.55		
10	QPSK	50	0	22.64	22.71	22.59		
10	16QAM	1	0	22.73	22.49	22.68	23	1
10	16QAM	1	25	22.53	22.57	22.66		
10	16QAM	1	49	22.67	22.66	22.53		
10	16QAM	25	0	21.55	21.51	21.56	22	2
10	16QAM	25	12	21.59	21.66	21.67		
10	16QAM	25	25	21.74	21.65	21.61		
10	16QAM	50	0	21.56	21.67	21.56		
10	64QAM	1	0	21.62	21.68	21.52	22	2
10	64QAM	1	25	21.77	21.66	21.58		
10	64QAM	1	49	21.73	21.63	21.72		
10	64QAM	25	0	20.62	20.52	20.43	21	3
10	64QAM	25	12	20.39	20.42	20.50		
10	64QAM	25	25	20.50	20.41	20.40		
10	64QAM	50	0	20.44	20.50	20.43		
10	256QAM	1	0	18.44	18.53	18.54	19	5
10	256QAM	1	25	18.56	18.45	18.43		
10	256QAM	1	49	18.48	18.43	18.40		
10	256QAM	25	0	18.50	18.57	18.42	19	5
10	256QAM	25	12	18.45	18.45	18.45		
10	256QAM	25	25	18.43	18.36	18.42		
10	256QAM	50	0	18.61	18.51	18.38		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.59	23.68	23.53	24	0
5	QPSK	1	12	23.46	23.55	23.40		
5	QPSK	1	24	23.53	23.55	23.42		
5	QPSK	12	0	22.68	22.77	22.69	23	1
5	QPSK	12	7	22.54	22.62	22.59		
5	QPSK	12	13	22.58	22.69	22.61		
5	QPSK	25	0	22.55	22.72	22.60		
5	16QAM	1	0	22.66	22.46	22.66	23	1
5	16QAM	1	12	22.54	22.58	22.68		
5	16QAM	1	24	22.62	22.58	22.53		
5	16QAM	12	0	21.52	21.51	21.63	22	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.74	21.67	21.59		
5	16QAM	25	0	21.53	21.67	21.65		
5	64QAM	1	0	21.69	21.71	21.62	22	2
5	64QAM	1	12	21.74	21.67	21.59		
5	64QAM	1	24	21.74	21.64	21.68		
5	64QAM	12	0	20.57	20.53	20.45	21	3
5	64QAM	12	7	20.44	20.49	20.53		
5	64QAM	12	13	20.49	20.37	20.43		
5	64QAM	25	0	20.49	20.42	20.45		
5	256QAM	1	0	18.41	18.56	18.57	19	5
5	256QAM	1	12	18.52	18.47	18.41		
5	256QAM	1	24	18.42	18.42	18.38		
5	256QAM	12	0	18.55	18.53	18.40	19	5
5	256QAM	12	7	18.51	18.44	18.53		
5	256QAM	12	13	18.43	18.39	18.45		
5	256QAM	25	0	18.57	18.52	18.41		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC 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				39790	40185	40620	41055	41490		
Frequency (MHz)				2510	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.52	23.69	23.72	23.67	23.66	24	0
20	QPSK	1	49	23.38	23.58	23.66	23.54	23.51		
20	QPSK	1	99	23.38	23.64	23.63	23.59	23.53		
20	QPSK	50	0	22.47	22.59	22.68	22.65	22.55	23	1
20	QPSK	50	24	22.35	22.48	22.50	22.48	22.51		
20	QPSK	50	50	22.32	22.47	22.50	22.47	22.44		
20	QPSK	100	0	22.42	22.56	22.67	22.60	22.56		
20	16QAM	1	0	22.32	22.48	22.54	22.50	22.44	23	1
20	16QAM	1	49	22.19	22.41	22.44	22.45	22.37		
20	16QAM	1	99	22.19	22.36	22.39	22.38	22.43		
20	16QAM	50	0	21.56	21.69	21.81	21.71	21.74	22	2
20	16QAM	50	24	21.46	21.69	21.73	21.62	21.56		
20	16QAM	50	50	21.52	21.60	21.62	21.61	21.58		
20	16QAM	100	0	21.43	21.63	21.70	21.59	21.57		
20	64QAM	1	0	21.58	21.68	21.79	21.75	21.70	22	2
20	64QAM	1	49	21.50	21.56	21.62	21.59	21.63		
20	64QAM	1	99	21.51	21.59	21.60	21.55	21.58		
20	64QAM	50	0	20.58	20.58	20.48	20.33	20.18	21	3
20	64QAM	50	24	20.41	20.53	20.63	20.58	20.44		
20	64QAM	50	50	20.48	20.47	20.52	20.38	20.28		
20	64QAM	100	0	20.44	20.55	20.53	20.43	20.33		
20	256QAM	1	0	18.45	18.63	18.66	18.60	18.53	19	5
20	256QAM	1	49	18.51	18.54	18.49	18.35	18.21		
20	256QAM	1	99	18.47	18.53	18.50	18.42	18.28		
20	256QAM	50	0	18.53	18.65	18.49	18.39	18.25	19	5
20	256QAM	50	24	18.41	18.49	18.57	18.49	18.41		
20	256QAM	50	50	18.38	18.48	18.50	18.38	18.31		
20	256QAM	100	0	18.59	18.58	18.51	18.37	18.29		
Channel				39765	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.39	23.65	23.61	23.59	23.63	24.00	0
15	QPSK	1	37	23.31	23.53	23.56	23.42	23.39		
15	QPSK	1	74	23.31	23.53	23.54	23.51	23.49		
15	QPSK	36	0	22.36	22.50	22.65	22.60	22.49	23	1
15	QPSK	36	20	22.32	22.37	22.38	22.45	22.46		
15	QPSK	36	39	22.25	22.43	22.44	22.41	22.39		
15	QPSK	75	0	22.31	22.48	22.63	22.54	22.45		
15	16QAM	1	0	22.21	22.38	22.49	22.46	22.39	23	1
15	16QAM	1	37	22.09	22.28	22.34	22.35	22.29		
15	16QAM	1	74	22.13	22.33	22.36	22.33	22.34		
15	16QAM	36	0	21.45	21.63	21.68	21.61	21.66	22	2
15	16QAM	36	20	21.41	21.57	21.60	21.56	21.49		
15	16QAM	36	39	21.39	21.52	21.55	21.51	21.54		
15	16QAM	75	0	21.32	21.54	21.65	21.46	21.49		
15	64QAM	1	0	21.50	21.58	21.74	21.63	21.61	22	2
15	64QAM	1	37	21.41	21.43	21.51	21.48	21.56		
15	64QAM	1	74	21.45	21.53	21.49	21.42	21.53		
15	64QAM	36	0	20.47	20.46	20.41	20.26	20.16	21	3
15	64QAM	36	20	20.34	20.45	20.57	20.48	20.35		
15	64QAM	36	39	20.37	20.41	20.47	20.25	20.15		
15	64QAM	75	0	20.40	20.48	20.49	20.34	20.25		
15	256QAM	1	0	18.36	18.55	18.61	18.51	18.41	19	5
15	256QAM	1	37	18.38	18.44	18.41	18.31	18.20		
15	256QAM	1	74	18.43	18.43	18.41	18.34	18.20		
15	256QAM	36	0	18.46	18.54	18.43	18.32	18.13	19	5
15	256QAM	36	20	18.37	18.45	18.45	18.43	18.32		
15	256QAM	36	39	18.28	18.39	18.43	18.33	18.28		
15	256QAM	75	0	18.55	18.47	18.43	18.33	18.23		
Channel				39740	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2547	2593	2639	2685		
10	QPSK	1	0	23.44	23.62	23.62	23.61	23.55	24.00	0
10	QPSK	1	25	23.30	23.49	23.63	23.51	23.48		
10	QPSK	1	49	23.28	23.54	23.55	23.48	23.41		
10	QPSK	25	0	22.35	22.54	22.65	22.57	22.49	23	1
10	QPSK	25	12	22.25	22.38	22.39	22.38	22.45		
10	QPSK	25	25	22.21	22.35	22.44	22.35	22.38		
10	QPSK	50	0	22.36	22.45	22.58	22.51	22.48		
10	16QAM	1	0	22.26	22.39	22.45	22.46	22.40	23	1
10	16QAM	1	25	22.11	22.35	22.40	22.35	22.34		
10	16QAM	1	49	22.11	22.25	22.35	22.28	22.36		
10	16QAM	25	0	21.49	21.57	21.72	21.64	21.70	22	2
10	16QAM	25	12	21.36	21.61	21.67	21.55	21.48		
10	16QAM	25	25	21.47	21.57	21.55	21.52	21.49		
10	16QAM	50	0	21.31	21.52	21.64	21.55	21.46		
10	64QAM	1	0	21.49	21.63	21.75	21.64	21.59	22	2
10	64QAM	1	25	21.43	21.53	21.51	21.50	21.53		
10	64QAM	1	49	21.44	21.47	21.56	21.45	21.46		
10	64QAM	25	0	20.52	20.46	20.36	20.23	20.15	21	3
10	64QAM	25	12	20.36	20.45	20.60	20.52	20.36		
10	64QAM	25	25	20.40	20.39	20.45	20.27	20.20		
10	64QAM	50	0	20.32	20.46	20.48	20.37	20.23		
10	256QAM	1	0	18.41	18.58	18.63	18.49	18.45	19	5
10	256QAM	1	25	18.45	18.49	18.37	18.31	18.13		
10	256QAM	1	49	18.39	18.45	18.40	18.36	18.23		
10	256QAM	25	0	18.44	18.54	18.40	18.33	18.19	19	5
10	256QAM	25	12	18.31	18.36	18.48	18.45	18.34		
10	256QAM	25	25	18.32	18.40	18.38	18.26	18.21		
10	256QAM	50	0	18.52	18.50	18.45	18.27	18.25		
Channel				39715	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.43	23.65	23.67	23.56	23.55	24.00	0
5	QPSK	1	12	23.33	23.55	23.61	23.41	23.41		
5	QPSK	1	24	23.34	23.57	23.52	23.47	23.44		
5	QPSK	12	0	22.43	22.55	22.60	22.57	22.51	23	1
5	QPSK	12	7	22.30	22.37	22.38	22.42	22.39		
5	QPSK	12	13	22.28	22.35	22.42	22.40	22.38		
5	QPSK	25	0	22.36	22.50	22.63	22.54	22.45		
5	16QAM	1	0	22.24	22.41	22.46	22.42	22.32	23	1
5	16QAM	1	12	22.12	22.31	22.41	22.34	22.30		
5	16QAM	1	24	22.15	22.25	22.36	22.28	22.37		
5	16QAM	12	0	21.46	21.59	21.69	21.67	21.68	22	2
5	16QAM	12	7	21.42	21.60	21.70	21.54	21.43		
5	16QAM	12	13	21.42	21.47	21.55	21.54	21.49		
5	16QAM	25	0	21.30	21.55	21.57	21.54	21.49		
5	64QAM	1	0	21.49	21.57	21.74	21.65	21.64	22	2
5	64QAM	1	12	21.44	21.48	21.56	21.52	21.51		
5	64QAM	1	24	21.41	21.52	21.49	21.51	21.54		
5	64QAM	12	0	20.48	20.53	20.38	20.23	20.15	21	3
5	64QAM	12	7	20.36	20.48	20.59	20.55	20.38		
5	64QAM	12	13	20.42	20.36	20.46	20.27	20.18		
5	64QAM	25	0	20.41	20.46	20.48	20.36	20.28		
5	256QAM	1	0	18.34	18.52	18.57	18.52	18.42	19	5
5	256QAM	1	12	18.40	18.45	18.36	18.28	18.15		
5	256QAM	1	24	18.35	18.42	18.46	18.33	18.23		
5	256QAM	12	0	18.46	18.57	18.40	18.33	18.21	19	5
5	256QAM	12	7	18.31	18.36	18.48	18.38	18.34		
5	256QAM	12	13	18.28	18.39	18.41	18.30	18.24		
5	256QAM	25	0	18.51	18.48	18.45	18.25	18.16		

Band		WCDMA II Ant 1 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI2			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.35	23.40	23.27	24.50	23.45	23.54	23.51	24.50	23.90	23.92	23.84	24.50
3GPP Rel 99	RMC 12.2Kbps	23.38	23.42	23.29	24.50	23.49	23.56	23.53	24.50	23.92	23.96	23.86	24.50
3GPP Rel 6	HSDPA Subtest-1	22.46	22.53	22.30	23.50	22.47	22.56	22.42	23.50	22.92	22.85	22.89	23.50
3GPP Rel 6	HSDPA Subtest-2	22.40	22.41	22.27	23.50	22.38	22.52	22.56	23.50	22.96	22.85	22.96	23.50
3GPP Rel 6	HSDPA Subtest-3	21.81	22.00	21.84	23.00	21.96	22.06	21.96	23.00	22.30	22.58	22.27	23.00
3GPP Rel 6	HSDPA Subtest-4	22.00	21.82	21.88	23.00	21.91	22.08	22.04	23.00	22.34	22.41	22.28	23.00
3GPP Rel 6	HSUPA Subtest-1	22.40	22.42	22.35	23.50	22.50	22.65	22.47	23.50	23.01	23.03	22.81	23.50
3GPP Rel 6	HSUPA Subtest-2	20.44	20.39	20.27	21.50	20.39	20.40	20.26	21.50	21.01	20.87	20.74	21.50
3GPP Rel 6	HSUPA Subtest-3	21.41	21.45	21.19	22.50	21.54	21.47	21.50	22.50	21.51	21.52	21.44	22.50
3GPP Rel 6	HSUPA Subtest-4	20.30	20.31	20.36	21.50	20.33	20.44	20.33	21.50	20.97	20.86	20.79	21.50
3GPP Rel 6	HSUPA Subtest-5	22.47	22.46	22.26	23.50	22.58	22.54	22.58	23.50	22.95	22.90	22.83	23.50

Band 2 Ant 1 DSI2

BW [MHz]	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	20.35	20.38	20.31	21	0
20	QPSK	1	49	20.14	20.26	20.14		
20	QPSK	1	99	20.34	20.15	20.08		
20	QPSK	50	0	20.27	20.35	20.26	21	0
20	QPSK	50	24	20.01	20.16	20.09		
20	QPSK	50	50	20.27	20.09	19.98		
20	QPSK	100	0	20.30	20.32	20.19		
20	16QAM	1	0	20.31	20.30	20.22	21	0
20	16QAM	1	49	20.02	20.18	20.13		
20	16QAM	1	99	20.23	20.11	19.97		
20	16QAM	50	0	20.26	20.36	20.26	21	0
20	16QAM	50	24	20.01	20.15	20.14		
20	16QAM	50	50	20.22	20.10	20.01		
20	16QAM	100	0	20.25	20.37	20.24		
20	64QAM	1	0	20.29	20.32	20.26	21	0
20	64QAM	1	49	20.06	20.17	20.10		
20	64QAM	1	99	20.25	20.08	20.02		
20	64QAM	50	0	20.34	20.36	20.22	21	0
20	64QAM	50	24	20.00	20.20	20.06		
20	64QAM	50	50	20.26	20.15	19.95		
20	64QAM	100	0	20.27	20.34	20.24		
20	256QAM	1	0	18.34	18.16	18.22	19	2
20	256QAM	1	49	18.30	17.94	18.11		
20	256QAM	1	99	18.06	18.12	18.18		
20	256QAM	50	0	18.26	18.18	18.28	19	2
20	256QAM	50	24	18.22	18.07	18.08		
20	256QAM	50	50	18.19	18.12	18.14		
20	256QAM	100	0	18.26	18.21	18.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.33	20.35	20.26	21	0
15	QPSK	1	37	20.14	20.21	20.09		
15	QPSK	1	74	20.32	20.13	20.07		
15	QPSK	36	0	20.22	20.31	20.24	21	0
15	QPSK	36	20	20.01	20.14	20.06		
15	QPSK	36	39	20.23	20.03	19.97		
15	QPSK	75	0	20.28	20.30	20.14		
15	16QAM	1	0	20.29	20.29	20.16	21	0
15	16QAM	1	37	20.01	20.12	20.09		
15	16QAM	1	74	20.23	20.05	19.96		
15	16QAM	36	0	20.21	20.31	20.24	21	0
15	16QAM	36	20	19.96	20.11	20.13		
15	16QAM	36	39	20.20	20.04	19.97		
15	16QAM	75	0	20.21	20.31	20.23		
15	64QAM	1	0	20.29	20.30	20.24	21	0
15	64QAM	1	37	20.04	20.12	20.04		
15	64QAM	1	74	20.19	20.06	19.98		
15	64QAM	36	0	20.29	20.33	20.19	21	0
15	64QAM	36	20	19.98	20.20	20.01		
15	64QAM	36	39	20.22	20.12	19.90		
15	64QAM	75	0	20.25	20.30	20.23		
15	256QAM	1	0	18.24	18.07	18.10	19	2
15	256QAM	1	37	18.21	17.81	18.01		
15	256QAM	1	74	17.99	18.05	18.09		
15	256QAM	36	0	18.17	18.13	18.17	19	2
15	256QAM	36	20	18.09	17.98	18.04		
15	256QAM	36	39	18.12	18.00	18.04		
15	256QAM	75	0	18.16	18.15	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.34	20.33	20.26	21	0
10	QPSK	1	25	20.10	20.25	20.13		
10	QPSK	1	49	20.34	20.12	20.03		
10	QPSK	25	0	20.24	20.30	20.21	21	0
10	QPSK	25	12	20.01	20.14	20.08		
10	QPSK	25	25	20.25	20.08	19.95		
10	QPSK	50	0	20.28	20.31	20.17		
10	16QAM	1	0	20.26	20.28	20.19	21	0
10	16QAM	1	25	19.98	20.17	20.09		
10	16QAM	1	49	20.21	20.11	19.96		
10	16QAM	25	0	20.22	20.33	20.26	21	0
10	16QAM	25	12	20.00	20.10	20.10		
10	16QAM	25	25	20.18	20.06	19.97		
10	16QAM	50	0	20.21	20.33	20.24		
10	64QAM	1	0	20.29	20.31	20.25	21	0
10	64QAM	1	25	20.02	20.14	20.09		
10	64QAM	1	49	20.23	20.03	20.00		
10	64QAM	25	0	20.30	20.32	20.19	21	0
10	64QAM	25	12	19.98	20.18	20.04		
10	64QAM	25	25	20.23	20.12	19.92		
10	64QAM	50	0	20.26	20.30	20.23		
10	256QAM	1	0	18.22	18.11	18.13	19	2
10	256QAM	1	25	18.21	17.88	18.04		
10	256QAM	1	49	17.97	18.08	18.13		
10	256QAM	25	0	18.17	18.14	18.17	19	2
10	256QAM	25	12	18.13	17.96	18.03		
10	256QAM	25	25	18.13	18.08	18.09		
10	256QAM	50	0	18.23	18.18	18.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.35	20.35	20.27	21	0
5	QPSK	1	12	20.11	20.23	20.09		
5	QPSK	1	24	20.28	20.14	20.06		
5	QPSK	12	0	20.25	20.31	20.24	21	0
5	QPSK	12	7	19.96	20.16	20.05		
5	QPSK	12	13	20.21	20.08	19.95		
5	QPSK	25	0	20.29	20.27	20.17		
5	16QAM	1	0	20.28	20.25	20.20	21	0
5	16QAM	1	12	19.97	20.13	20.12		
5	16QAM	1	24	20.23	20.11	19.97		
5	16QAM	12	0	20.24	20.35	20.21	21	0
5	16QAM	12	7	19.97	20.15	20.08		
5	16QAM	12	13	20.19	20.09	19.95		
5	16QAM	25	0	20.22	20.36	20.18		
5	64QAM	1	0	20.28	20.29	20.25	21	0
5	64QAM	1	12	20.02	20.16	20.07		
5	64QAM	1	24	20.23	20.02	19.97		
5	64QAM	12	0	20.33	20.31	20.21	21	0
5	64QAM	12	7	19.95	20.15	20.01		
5	64QAM	12	13	20.21	20.10	19.91		
5	64QAM	25	0	20.26	20.32	20.20		
5	256QAM	1	0	18.27	18.08	18.17	19	2
5	256QAM	1	12	18.19	17.84	18.07		
5	256QAM	1	24	18.00	18.07	18.10		
5	256QAM	12	0	18.20	18.13	18.21	19	2
5	256QAM	12	7	18.09	18.02	17.99		
5	256QAM	12	13	18.08	18.07	18.02		
5	256QAM	25	0	18.20	18.11	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.33	20.34	20.29	21	0
3	QPSK	1	8	20.12	20.23	20.11		
3	QPSK	1	14	20.29	20.14	20.07		
3	QPSK	8	0	20.25	20.32	20.24	21	0
3	QPSK	8	4	19.98	20.11	20.05		
3	QPSK	8	7	20.21	20.07	19.98		
3	QPSK	15	0	20.28	20.29	20.17		
3	16QAM	1	0	20.28	20.24	20.20	21	0
3	16QAM	1	8	20.01	20.12	20.07		
3	16QAM	1	14	20.21	20.08	19.96		
3	16QAM	8	0	20.25	20.35	20.21	21	0
3	16QAM	8	4	19.97	20.13	20.13		
3	16QAM	8	7	20.17	20.08	19.99		
3	16QAM	15	0	20.25	20.32	20.21		
3	64QAM	1	0	20.26	20.32	20.23	21	0
3	64QAM	1	8	20.04	20.15	20.07		
3	64QAM	1	14	20.23	20.06	19.96		
3	64QAM	8	0	20.30	20.33	20.16	21	0
3	64QAM	8	4	20.00	20.14	20.05		
3	64QAM	8	7	20.24	20.11	19.91		
3	64QAM	15	0	20.24	20.31	20.21		
3	256QAM	1	0	18.29	18.13	18.14	19	2
3	256QAM	1	8	18.18	17.87	18.06		
3	256QAM	1	14	17.94	18.06	18.06		
3	256QAM	8	0	18.18	18.13	18.17	19	2
3	256QAM	8	4	18.16	18.04	18.04		
3	256QAM	8	7	18.14	18.04	18.06		
3	256QAM	15	0	18.22	18.16	18.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.33	20.36	20.28	21	0
1.4	QPSK	1	3	20.12	20.23	20.11		
1.4	QPSK	1	5	20.33	20.11	20.02		
1.4	QPSK	3	0	20.27	20.33	20.25	21	0
1.4	QPSK	3	1	19.96	20.14	20.08		
1.4	QPSK	3	3	20.23	20.07	19.95		
1.4	QPSK	6	0	20.29	20.30	20.15		
1.4	16QAM	1	0	20.29	20.25	20.18	21	0
1.4	16QAM	1	3	19.99	20.17	20.09		
1.4	16QAM	1	5	20.17	20.07	19.91		
1.4	16QAM	3	0	20.23	20.30	20.24	21	0
1.4	16QAM	3	1	19.96	20.10	20.09		
1.4	16QAM	3	3	20.19	20.05	19.98		
1.4	16QAM	6	0	20.20	20.34	20.23		
1.4	64QAM	1	0	20.27	20.30	20.23	21	0
1.4	64QAM	1	3	20.02	20.12	20.07		
1.4	64QAM	1	5	20.24	20.07	19.99		
1.4	64QAM	3	0	20.34	20.31	20.19	21	0
1.4	64QAM	3	1	19.95	20.19	20.06		
1.4	64QAM	3	3	20.23	20.14	19.90		
1.4	64QAM	6	0	20.25	20.33	20.19		
1.4	256QAM	1	0	18.28	18.08	18.10	19	2
1.4	256QAM	1	3	18.20	17.82	18.06		
1.4	256QAM	1	5	18.01	18.02	18.15		
1.4	256QAM	3	0	18.16	18.10	18.22	19	2
1.4	256QAM	3	1	18.16	17.95	17.98		
1.4	256QAM	3	3	18.15	18.02	18.10		
1.4	256QAM	6	0	18.17	18.16	18.16		

Band 4 Ant 1 DSI2

BW [MHz]	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	21.60	21.64	21.57	22	0
20	QPSK	1	49	21.32	21.55	21.43		
20	QPSK	1	99	21.55	21.43	21.44		
20	QPSK	50	0	21.52	21.54	21.50	22	0
20	QPSK	50	24	21.29	21.44	21.34		
20	QPSK	50	50	21.51	21.32	21.42		
20	QPSK	100	0	21.52	21.55	21.52		
20	16QAM	1	0	21.51	21.56	21.49	22	0
20	16QAM	1	49	21.29	21.47	21.35		
20	16QAM	1	99	21.51	21.33	21.39		
20	16QAM	50	0	21.58	21.35	21.54	22	0
20	16QAM	50	24	21.57	21.36	21.39		
20	16QAM	50	50	21.47	21.42	21.55		
20	16QAM	100	0	21.47	21.29	21.36		
20	64QAM	1	0	21.54	21.44	21.50	22	0
20	64QAM	1	49	21.37	21.33	21.46		
20	64QAM	1	99	21.38	21.41	21.55		
20	64QAM	50	0	20.53	20.53	20.66	21	1
20	64QAM	50	24	20.67	20.58	20.51		
20	64QAM	50	50	20.56	20.36	20.50		
20	64QAM	100	0	20.69	20.58	20.56		
20	256QAM	1	0	18.46	18.21	18.30	19	3
20	256QAM	1	49	18.44	18.33	18.19		
20	256QAM	1	99	18.18	18.38	18.42		
20	256QAM	50	0	18.29	18.21	18.43	19	3
20	256QAM	50	24	18.42	18.36	18.51		
20	256QAM	50	50	18.41	18.49	18.29		
20	256QAM	100	0	18.39	18.31	18.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.57	21.58	21.52	22	0
15	QPSK	1	37	21.29	21.53	21.42		
15	QPSK	1	74	21.53	21.38	21.41		
15	QPSK	36	0	21.50	21.50	21.45	22	0
15	QPSK	36	20	21.24	21.40	21.33		
15	QPSK	36	39	21.48	21.29	21.37		
15	QPSK	75	0	21.48	21.52	21.52		
15	16QAM	1	0	21.45	21.53	21.49	22	0
15	16QAM	1	37	21.28	21.46	21.32		
15	16QAM	1	74	21.48	21.29	21.36		
15	16QAM	36	0	21.46	21.30	21.48	22	0
15	16QAM	36	20	21.44	21.32	21.30		
15	16QAM	36	39	21.35	21.35	21.46		
15	16QAM	75	0	21.37	21.20	21.27		
15	64QAM	1	0	21.47	21.40	21.41	22	0
15	64QAM	1	37	21.28	21.25	21.41		
15	64QAM	1	74	21.27	21.32	21.51		
15	64QAM	36	0	20.47	20.44	20.61	21	1
15	64QAM	36	20	20.58	20.51	20.48		
15	64QAM	36	39	20.44	20.32	20.42		
15	64QAM	75	0	20.62	20.46	20.45		
15	256QAM	1	0	18.41	18.13	18.19	19	3
15	256QAM	1	37	18.33	18.25	18.07		
15	256QAM	1	74	18.06	18.33	18.33		
15	256QAM	36	0	18.23	18.13	18.39	19	3
15	256QAM	36	20	18.37	18.28	18.42		
15	256QAM	36	39	18.29	18.41	18.23		
15	256QAM	75	0	18.34	18.25	18.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.58	21.63	21.55	22	0
10	QPSK	1	25	21.28	21.50	21.38		
10	QPSK	1	49	21.49	21.40	21.44		
10	QPSK	25	0	21.48	21.51	21.45	22	0
10	QPSK	25	12	21.24	21.42	21.34		
10	QPSK	25	25	21.47	21.31	21.36		
10	QPSK	50	0	21.49	21.54	21.52		
10	16QAM	1	0	21.46	21.56	21.45	22	0
10	16QAM	1	25	21.25	21.47	21.34		
10	16QAM	1	49	21.47	21.28	21.37		
10	16QAM	25	0	21.51	21.30	21.42	22	0
10	16QAM	25	12	21.47	21.26	21.33		
10	16QAM	25	25	21.36	21.33	21.50		
10	16QAM	50	0	21.41	21.18	21.24		
10	64QAM	1	0	21.43	21.31	21.40	22	0
10	64QAM	1	25	21.31	21.24	21.39		
10	64QAM	1	49	21.31	21.34	21.45		
10	64QAM	25	0	20.46	20.45	20.59	21	1
10	64QAM	25	12	20.59	20.47	20.39		
10	64QAM	25	25	20.48	20.27	20.38		
10	64QAM	50	0	20.61	20.53	20.49		
10	256QAM	1	0	18.36	18.13	18.21	19	3
10	256QAM	1	25	18.33	18.24	18.13		
10	256QAM	1	49	18.12	18.34	18.34		
10	256QAM	25	0	18.16	18.17	18.33	19	3
10	256QAM	25	12	18.34	18.32	18.44		
10	256QAM	25	25	18.32	18.46	18.25		
10	256QAM	50	0	18.31	18.22	18.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.55	21.61	21.55	22	0
5	QPSK	1	12	21.27	21.53	21.37		
5	QPSK	1	24	21.49	21.39	21.41		
5	QPSK	12	0	21.49	21.50	21.47	22	0
5	QPSK	12	7	21.27	21.40	21.33		
5	QPSK	12	13	21.48	21.29	21.40		
5	QPSK	25	0	21.49	21.55	21.50		
5	16QAM	1	0	21.50	21.53	21.49	22	0
5	16QAM	1	12	21.29	21.45	21.32		
5	16QAM	1	24	21.50	21.29	21.35		
5	16QAM	12	0	21.51	21.23	21.50	22	0
5	16QAM	12	7	21.50	21.24	21.27		
5	16QAM	12	13	21.35	21.30	21.48		
5	16QAM	25	0	21.34	21.18	21.32		
5	64QAM	1	0	21.44	21.39	21.45	22	0
5	64QAM	1	12	21.24	21.24	21.43		
5	64QAM	1	24	21.33	21.35	21.45		
5	64QAM	12	0	20.49	20.50	20.60	21	1
5	64QAM	12	7	20.56	20.54	20.44		
5	64QAM	12	13	20.44	20.27	20.41		
5	64QAM	25	0	20.63	20.55	20.53		
5	256QAM	1	0	18.43	18.18	18.20	19	3
5	256QAM	1	12	18.32	18.21	18.08		
5	256QAM	1	24	18.09	18.35	18.37		
5	256QAM	12	0	18.25	18.09	18.37	19	3
5	256QAM	12	7	18.35	18.33	18.43		
5	256QAM	12	13	18.35	18.39	18.17		
5	256QAM	25	0	18.32	18.25	18.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.59	21.62	21.53	22	0
3	QPSK	1	8	21.28	21.54	21.39		
3	QPSK	1	14	21.54	21.42	21.42		
3	QPSK	8	0	21.49	21.50	21.49	22	0
3	QPSK	8	4	21.28	21.43	21.31		
3	QPSK	8	7	21.47	21.30	21.37		
3	QPSK	15	0	21.51	21.54	21.49		
3	16QAM	1	0	21.47	21.51	21.45	22	0
3	16QAM	1	8	21.25	21.41	21.30		
3	16QAM	1	14	21.46	21.27	21.34		
3	16QAM	8	0	21.51	21.27	21.47	22	0
3	16QAM	8	4	21.45	21.31	21.26		
3	16QAM	8	7	21.36	21.32	21.47		
3	16QAM	15	0	21.41	21.24	21.30		
3	64QAM	1	0	21.48	21.32	21.45	22	0
3	64QAM	1	8	21.29	21.28	21.36		
3	64QAM	1	14	21.30	21.30	21.52		
3	64QAM	8	0	20.47	20.46	20.57	21	1
3	64QAM	8	4	20.56	20.49	20.44		
3	64QAM	8	7	20.50	20.31	20.40		
3	64QAM	15	0	20.57	20.54	20.48		
3	256QAM	1	0	18.41	18.12	18.18	19	3
3	256QAM	1	8	18.34	18.29	18.12		
3	256QAM	1	14	18.07	18.35	18.30		
3	256QAM	8	0	18.23	18.18	18.32	19	3
3	256QAM	8	4	18.34	18.30	18.38		
3	256QAM	8	7	18.33	18.44	18.19		
3	256QAM	15	0	18.26	18.28	18.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.58	21.61	21.53	22	0
1.4	QPSK	1	3	21.27	21.50	21.42		
1.4	QPSK	1	5	21.54	21.42	21.43		
1.4	QPSK	3	0	21.48	21.53	21.48	22	0
1.4	QPSK	3	1	21.27	21.41	21.32		
1.4	QPSK	3	3	21.47	21.32	21.41		
1.4	QPSK	6	0	21.48	21.51	21.50		
1.4	16QAM	1	0	21.46	21.53	21.49	22	0
1.4	16QAM	1	3	21.28	21.46	21.29		
1.4	16QAM	1	5	21.48	21.30	21.39		
1.4	16QAM	3	0	21.46	21.23	21.45	22	0
1.4	16QAM	3	1	21.48	21.33	21.31		
1.4	16QAM	3	3	21.38	21.38	21.51		
1.4	16QAM	6	0	21.36	21.16	21.26		
1.4	64QAM	1	0	21.43	21.38	21.40	22	0
1.4	64QAM	1	3	21.33	21.26	21.42		
1.4	64QAM	1	5	21.31	21.30	21.44		
1.4	64QAM	3	0	20.42	20.44	20.58	21	1
1.4	64QAM	3	1	20.63	20.46	20.44		
1.4	64QAM	3	3	20.49	20.28	20.46		
1.4	64QAM	6	0	20.63	20.49	20.49		
1.4	256QAM	1	0	18.35	18.13	18.23	19	3
1.4	256QAM	1	3	18.34	18.30	18.07		
1.4	256QAM	1	5	18.07	18.29	18.30		
1.4	256QAM	3	0	18.18	18.15	18.35	19	3
1.4	256QAM	3	1	18.34	18.28	18.45		
1.4	256QAM	3	3	18.33	18.41	18.23		
1.4	256QAM	6	0	18.32	18.28	18.46		

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.48	23.52	23.47	24.5	0
10	QPSK	1	25	23.17	23.43	23.35		
10	QPSK	1	49	23.39	23.28	23.37		
10	QPSK	25	0	22.56	22.60	22.47	23.5	1
10	QPSK	25	12	22.35	22.34	22.52		
10	QPSK	25	25	22.51	22.32	22.53		
10	QPSK	50	0	22.42	22.52	22.44		
10	16QAM	1	0	22.42	22.42	22.29	23.5	1
10	16QAM	1	25	22.36	22.27	22.47		
10	16QAM	1	49	22.38	22.45	22.39		
10	16QAM	25	0	21.56	21.36	21.53	22.5	2
10	16QAM	25	12	21.56	21.39	21.34		
10	16QAM	25	25	21.50	21.41	21.52		
10	16QAM	50	0	21.46	21.27	21.33		
10	64QAM	1	0	21.49	21.40	21.44	22.5	2
10	64QAM	1	25	21.35	21.31	21.37		
10	64QAM	1	49	21.29	21.37	21.53		
10	64QAM	25	0	20.57	20.43	20.61	21.5	3
10	64QAM	25	12	20.64	20.57	20.47		
10	64QAM	25	25	20.52	20.29	20.52		
10	64QAM	50	0	20.67	20.51	20.50		
10	256QAM	1	0	18.46	18.14	18.21	19.5	5
10	256QAM	1	25	18.41	18.31	18.11		
10	256QAM	1	49	18.12	18.32	18.33		
10	256QAM	25	0	18.16	18.21	18.45	19.5	5
10	256QAM	25	12	18.36	18.32	18.55		
10	256QAM	25	25	18.37	18.44	18.26		
10	256QAM	50	0	18.26	18.29	18.54		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.25	23.45	23.30	24.5	0
5	QPSK	1	12	23.13	23.30	23.27		
5	QPSK	1	24	23.23	23.17	23.28		
5	QPSK	12	0	22.40	22.47	22.33	23.5	1
5	QPSK	12	7	22.19	22.27	22.32		
5	QPSK	12	13	22.35	22.23	22.41		
5	QPSK	25	0	22.31	22.43	22.33		
5	16QAM	1	0	22.38	22.30	22.21	23.5	1
5	16QAM	1	12	22.18	22.22	22.35		
5	16QAM	1	24	22.18	22.36	22.17		
5	16QAM	12	0	21.36	21.28	21.40	22.5	2
5	16QAM	12	7	21.45	21.23	21.28		
5	16QAM	12	13	21.34	21.30	21.32		
5	16QAM	25	0	21.32	21.16	21.14		
5	64QAM	1	0	21.32	21.26	21.30	22.5	2
5	64QAM	1	12	21.21	21.18	21.22		
5	64QAM	1	24	21.17	21.23	21.45		
5	64QAM	12	0	20.45	20.36	20.52	21.5	3
5	64QAM	12	7	20.47	20.40	20.27		
5	64QAM	12	13	20.41	20.14	20.38		
5	64QAM	25	0	20.50	20.44	20.38		
5	256QAM	1	0	18.36	18.06	18.15	19.5	5
5	256QAM	1	12	18.23	18.12	18.01		
5	256QAM	1	24	18.02	18.18	18.26		
5	256QAM	12	0	18.10	18.09	18.27	19.5	5
5	256QAM	12	7	18.17	18.18	18.43		
5	256QAM	12	13	18.27	18.27	18.12		
5	256QAM	25	0	18.22	18.14	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.32	23.49	23.38	24.5	0
3	QPSK	1	8	23.10	23.32	23.29		
3	QPSK	1	14	23.25	23.13	23.20		
3	QPSK	8	0	22.39	22.40	22.26	23.5	1
3	QPSK	8	4	22.27	22.23	22.39		
3	QPSK	8	7	22.41	22.14	22.39		
3	QPSK	15	0	22.38	22.33	22.33		
3	16QAM	1	0	22.31	22.32	22.20	23.5	1
3	16QAM	1	8	22.11	22.21	22.34		
3	16QAM	1	14	22.23	22.33	22.27		
3	16QAM	8	0	21.52	21.10	21.41	22.5	2
3	16QAM	8	4	21.43	21.22	21.19		
3	16QAM	8	7	21.39	21.27	21.43		
3	16QAM	15	0	21.31	21.07	21.25		
3	64QAM	1	0	21.27	21.18	21.40	22.5	2
3	64QAM	1	8	21.20	21.14	21.25		
3	64QAM	1	14	21.21	21.23	21.50		
3	64QAM	8	0	20.38	20.31	20.49	21.5	3
3	64QAM	8	4	20.52	20.43	20.35		
3	64QAM	8	7	20.42	20.16	20.41		
3	64QAM	15	0	20.59	20.39	20.37		
3	256QAM	1	0	18.39	18.04	18.13	19.5	5
3	256QAM	1	8	18.27	18.09	18.02		
3	256QAM	1	14	17.97	18.15	18.16		
3	256QAM	8	0	18.08	18.06	18.27	19.5	5
3	256QAM	8	4	18.29	18.25	18.34		
3	256QAM	8	7	18.19	18.29	18.16		
3	256QAM	15	0	18.14	18.09	18.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.29	23.46	23.25	24.5	0
1.4	QPSK	1	3	23.10	23.20	23.30		
1.4	QPSK	1	5	23.22	23.18	23.23		
1.4	QPSK	3	0	22.37	22.42	22.35	23.5	1
1.4	QPSK	3	1	22.17	22.26	22.29		
1.4	QPSK	3	3	22.46	22.24	22.42		
1.4	QPSK	6	0	22.26	22.31	22.35		
1.4	16QAM	1	0	22.21	22.30	22.21	23.5	1
1.4	16QAM	1	3	22.19	22.19	22.38		
1.4	16QAM	1	5	22.29	22.30	22.22		
1.4	16QAM	3	0	21.46	21.24	21.48	22.5	2
1.4	16QAM	3	1	21.40	21.33	21.26		
1.4	16QAM	3	3	21.39	21.25	21.32		
1.4	16QAM	6	0	21.37	21.07	21.30		
1.4	64QAM	1	0	21.37	21.18	21.32	22.5	2
1.4	64QAM	1	3	21.24	21.23	21.27		
1.4	64QAM	1	5	21.18	21.32	21.39		
1.4	64QAM	3	0	20.43	20.36	20.39	21.5	3
1.4	64QAM	3	1	20.52	20.36	20.36		
1.4	64QAM	3	3	20.38	20.15	20.42		
1.4	64QAM	6	0	20.51	20.47	20.41		
1.4	256QAM	1	0	18.30	18.07	18.15	19.5	5
1.4	256QAM	1	3	18.24	18.17	17.92		
1.4	256QAM	1	5	17.95	18.29	18.24		
1.4	256QAM	3	0	18.05	18.07	18.29	19.5	5
1.4	256QAM	3	1	18.18	18.22	18.42		
1.4	256QAM	3	3	18.27	18.26	18.07		
1.4	256QAM	6	0	18.15	18.14	18.40		

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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	18.65	18.77	18.53	19	0
20	QPSK	1	49	18.37	18.60	18.48		
20	QPSK	1	99	18.70	18.44	18.58		
20	QPSK	50	0	18.61	18.75	18.49	19	0
20	QPSK	50	24	18.38	18.49	18.49		
20	QPSK	50	50	18.62	18.39	18.57		
20	QPSK	100	0	18.38	18.58	18.50		
20	16QAM	1	0	18.60	18.71	18.46	19	0
20	16QAM	1	49	18.34	18.53	18.48		
20	16QAM	1	99	18.69	18.44	18.57		
20	16QAM	50	0	18.65	18.70	18.49	19	0
20	16QAM	50	24	18.35	18.56	18.45		
20	16QAM	50	50	18.60	18.43	18.50		
20	16QAM	100	0	18.35	18.49	18.41		
20	64QAM	1	0	18.66	18.76	18.51	19	0
20	64QAM	1	49	18.33	18.54	18.50		
20	64QAM	1	99	18.69	18.42	18.55		
20	64QAM	50	0	18.68	18.72	18.50	19	0
20	64QAM	50	24	18.34	18.52	18.49		
20	64QAM	50	50	18.63	18.45	18.60		
20	64QAM	100	0	18.31	18.56	18.49		
20	256QAM	1	0	18.63	18.25	18.39	19	0
20	256QAM	1	49	18.60	18.38	18.23		
20	256QAM	1	99	18.37	18.58	18.49		
20	256QAM	50	0	18.35	18.30	18.44	19	0
20	256QAM	50	24	18.56	18.46	18.53		
20	256QAM	50	50	18.62	18.69	18.37		
20	256QAM	100	0	18.46	18.51	18.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.60	18.74	18.50	19	0
15	QPSK	1	37	18.32	18.57	18.46		
15	QPSK	1	74	18.64	18.41	18.54		
15	QPSK	36	0	18.59	18.71	18.46	19	0
15	QPSK	36	20	18.38	18.44	18.48		
15	QPSK	36	39	18.57	18.38	18.57		
15	QPSK	75	0	18.36	18.54	18.47		
15	16QAM	1	0	18.57	18.68	18.41	19	0
15	16QAM	1	37	18.31	18.52	18.42		
15	16QAM	1	74	18.68	18.40	18.52		
15	16QAM	36	0	18.61	18.66	18.44	19	0
15	16QAM	36	20	18.29	18.55	18.41		
15	16QAM	36	39	18.59	18.41	18.48		
15	16QAM	75	0	18.31	18.48	18.39		
15	64QAM	1	0	18.63	18.72	18.46	19	0
15	64QAM	1	37	18.32	18.48	18.45		
15	64QAM	1	74	18.64	18.40	18.54		
15	64QAM	36	0	18.62	18.72	18.49	19	0
15	64QAM	36	20	18.34	18.51	18.46		
15	64QAM	36	39	18.60	18.45	18.57		
15	64QAM	75	0	18.26	18.55	18.43		
15	256QAM	1	0	18.55	18.15	18.29	19	0
15	256QAM	1	37	18.47	18.28	18.19		
15	256QAM	1	74	18.27	18.48	18.42		
15	256QAM	36	0	18.25	18.27	18.32	19	0
15	256QAM	36	20	18.50	18.40	18.47		
15	256QAM	36	39	18.52	18.61	18.26		
15	256QAM	75	0	18.39	18.48	18.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.62	18.74	18.53	19	0
10	QPSK	1	25	18.36	18.54	18.44		
10	QPSK	1	49	18.67	18.44	18.57		
10	QPSK	25	0	18.58	18.70	18.43	19	0
10	QPSK	25	12	18.36	18.43	18.44		
10	QPSK	25	25	18.61	18.38	18.54		
10	QPSK	50	0	18.36	18.57	18.48		
10	16QAM	1	0	18.59	18.70	18.46	19	0
10	16QAM	1	25	18.34	18.50	18.45		
10	16QAM	1	49	18.69	18.41	18.51		
10	16QAM	25	0	18.65	18.64	18.45	19	0
10	16QAM	25	12	18.31	18.56	18.41		
10	16QAM	25	25	18.58	18.38	18.50		
10	16QAM	50	0	18.33	18.44	18.40		
10	64QAM	1	0	18.60	18.74	18.51	19	0
10	64QAM	1	25	18.31	18.52	18.46		
10	64QAM	1	49	18.63	18.41	18.51		
10	64QAM	25	0	18.63	18.71	18.44	19	0
10	64QAM	25	12	18.32	18.49	18.45		
10	64QAM	25	25	18.59	18.41	18.57		
10	64QAM	50	0	18.28	18.51	18.48		
10	256QAM	1	0	18.50	18.19	18.33	19	0
10	256QAM	1	25	18.56	18.32	18.11		
10	256QAM	1	49	18.32	18.46	18.38		
10	256QAM	25	0	18.29	18.21	18.39	19	0
10	256QAM	25	12	18.52	18.39	18.44		
10	256QAM	25	25	18.58	18.64	18.30		
10	256QAM	50	0	18.37	18.43	18.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.60	18.76	18.48	19	0
5	QPSK	1	12	18.35	18.57	18.43		
5	QPSK	1	24	18.64	18.41	18.53		
5	QPSK	12	0	18.58	18.74	18.48	19	0
5	QPSK	12	7	18.36	18.46	18.46		
5	QPSK	12	13	18.61	18.36	18.57		
5	QPSK	25	0	18.34	18.55	18.45		
5	16QAM	1	0	18.55	18.70	18.41	19	0
5	16QAM	1	12	18.31	18.52	18.43		
5	16QAM	1	24	18.68	18.40	18.51		
5	16QAM	12	0	18.60	18.66	18.48	19	0
5	16QAM	12	7	18.33	18.54	18.43		
5	16QAM	12	13	18.55	18.41	18.50		
5	16QAM	25	0	18.33	18.45	18.37		
5	64QAM	1	0	18.63	18.71	18.51	19	0
5	64QAM	1	12	18.28	18.51	18.48		
5	64QAM	1	24	18.63	18.36	18.50		
5	64QAM	12	0	18.64	18.67	18.47	19	0
5	64QAM	12	7	18.33	18.50	18.49		
5	64QAM	12	13	18.61	18.42	18.55		
5	64QAM	25	0	18.27	18.55	18.47		
5	256QAM	1	0	18.58	18.13	18.28	19	0
5	256QAM	1	12	18.54	18.30	18.11		
5	256QAM	1	24	18.25	18.48	18.42		
5	256QAM	12	0	18.29	18.23	18.34	19	0
5	256QAM	12	7	18.53	18.37	18.48		
5	256QAM	12	13	18.49	18.66	18.30		
5	256QAM	25	0	18.36	18.43	18.56		

Band 12 Ant 1 DSI2

BW [MHz]	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	24.24	24.33	24.25	25.5	0
10	QPSK	1	25	24.05	24.18	24.13		
10	QPSK	1	49	24.26	24.15	24.21		
10	QPSK	25	0	23.36	23.41	23.36	24.5	1
10	QPSK	25	12	23.12	23.16	23.25		
10	QPSK	25	25	23.30	23.06	23.26		
10	QPSK	50	0	23.26	23.32	23.29		
10	16QAM	1	0	23.33	23.20	23.13	24.5	1
10	16QAM	1	25	23.13	23.20	23.25		
10	16QAM	1	49	23.18	23.30	23.17		
10	16QAM	25	0	22.42	22.11	22.31	23.5	2
10	16QAM	25	12	22.32	22.09	22.12		
10	16QAM	25	25	22.24	22.16	22.37		
10	16QAM	50	0	22.30	22.04	22.18		
10	64QAM	1	0	22.28	22.23	22.33	23.5	2
10	64QAM	1	25	22.16	22.16	22.22		
10	64QAM	1	49	22.15	22.23	22.36		
10	64QAM	25	0	21.29	21.29	21.45	22.5	3
10	64QAM	25	12	21.45	21.31	21.30		
10	64QAM	25	25	21.29	21.17	21.24		
10	64QAM	50	0	21.42	21.38	21.34		
10	256QAM	1	0	19.29	19.00	19.09	20.5	5
10	256QAM	1	25	19.17	19.12	18.96		
10	256QAM	1	49	18.96	19.11	19.16		
10	256QAM	25	0	19.11	18.96	19.24	20.5	5
10	256QAM	25	12	19.18	19.09	19.30		
10	256QAM	25	25	19.24	19.31	19.10		
10	256QAM	50	0	19.20	19.11	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.12	24.22	24.13	25.5	0
5	QPSK	1	12	23.92	24.08	24.10		
5	QPSK	1	24	24.21	24.05	24.11		
5	QPSK	12	0	23.28	23.37	23.24	24.5	1
5	QPSK	12	7	23.06	23.10	23.12		
5	QPSK	12	13	23.23	22.96	23.19		
5	QPSK	25	0	23.20	23.20	23.25		
5	16QAM	1	0	23.25	23.09	23.10	24.5	1
5	16QAM	1	12	23.01	23.09	23.17		
5	16QAM	1	24	23.08	23.23	23.06		
5	16QAM	12	0	22.36	22.04	22.22	23.5	2
5	16QAM	12	7	22.29	21.97	22.04		
5	16QAM	12	13	22.19	22.11	22.30		
5	16QAM	25	0	22.22	21.98	22.10		
5	64QAM	1	0	22.21	22.11	22.25	23.5	2
5	64QAM	1	12	22.04	22.04	22.13		
5	64QAM	1	24	22.12	22.19	22.33		
5	64QAM	12	0	21.22	21.23	21.39	22.5	3
5	64QAM	12	7	21.33	21.21	21.26		
5	64QAM	12	13	21.18	21.10	21.19		
5	64QAM	25	0	21.36	21.29	21.29		
5	256QAM	1	0	19.18	18.89	19.02	20.5	5
5	256QAM	1	12	19.12	19.03	18.83		
5	256QAM	1	24	18.84	19.05	19.10		
5	256QAM	12	0	19.00	18.88	19.17	20.5	5
5	256QAM	12	7	19.05	19.03	19.18		
5	256QAM	12	13	19.20	19.19	19.04		
5	256QAM	25	0	19.12	19.05	19.25		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.12	24.24	24.19	25.5	0
3	QPSK	1	8	23.98	24.06	24.01		
3	QPSK	1	14	24.17	24.08	24.10		
3	QPSK	8	0	23.25	23.38	23.33	24.5	1
3	QPSK	8	4	22.99	23.09	23.14		
3	QPSK	8	7	23.25	22.97	23.21		
3	QPSK	15	0	23.16	23.20	23.25		
3	16QAM	1	0	23.23	23.14	23.03	24.5	1
3	16QAM	1	8	23.02	23.15	23.15		
3	16QAM	1	14	23.11	23.21	23.14		
3	16QAM	8	0	22.37	21.99	22.25	23.5	2
3	16QAM	8	4	22.21	22.04	21.99		
3	16QAM	8	7	22.14	22.07	22.26		
3	16QAM	15	0	22.19	22.00	22.06		
3	64QAM	1	0	22.20	22.13	22.24	23.5	2
3	64QAM	1	8	22.09	22.07	22.13		
3	64QAM	1	14	22.02	22.19	22.30		
3	64QAM	8	0	21.18	21.22	21.36	22.5	3
3	64QAM	8	4	21.36	21.24	21.24		
3	64QAM	8	7	21.22	21.07	21.12		
3	64QAM	15	0	21.37	21.31	21.30		
3	256QAM	1	0	19.25	18.95	19.02	20.5	5
3	256QAM	1	8	19.13	18.99	18.86		
3	256QAM	1	14	18.92	19.02	19.07		
3	256QAM	8	0	19.00	18.86	19.19	20.5	5
3	256QAM	8	4	19.10	19.05	19.19		
3	256QAM	8	7	19.19	19.22	18.97		
3	256QAM	15	0	19.14	18.99	19.28		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.15	24.25	24.22	25.5	0
1.4	QPSK	1	3	23.93	24.08	24.07		
1.4	QPSK	1	5	24.21	24.07	24.14		
1.4	QPSK	3	0	23.31	23.37	23.27	24.5	1
1.4	QPSK	3	1	23.05	23.13	23.21		
1.4	QPSK	3	3	23.21	22.98	23.17		
1.4	QPSK	6	0	23.23	23.23	23.18		
1.4	16QAM	1	0	23.24	23.11	23.01	24.5	1
1.4	16QAM	1	3	23.02	23.14	23.16		
1.4	16QAM	1	5	23.14	23.22	23.08		
1.4	16QAM	3	0	22.30	22.00	22.20	23.5	2
1.4	16QAM	3	1	22.20	21.99	22.02		
1.4	16QAM	3	3	22.17	22.08	22.28		
1.4	16QAM	6	0	22.27	21.92	22.08		
1.4	64QAM	1	0	22.18	22.11	22.27	23.5	2
1.4	64QAM	1	3	22.12	22.13	22.12		
1.4	64QAM	1	5	22.07	22.18	22.30		
1.4	64QAM	3	0	21.21	21.21	21.40	22.5	3
1.4	64QAM	3	1	21.37	21.27	21.18		
1.4	64QAM	3	3	21.25	21.12	21.18		
1.4	64QAM	6	0	21.33	21.27	21.29		
1.4	256QAM	1	0	19.16	18.92	18.99	20.5	5
1.4	256QAM	1	3	19.07	19.05	18.83		
1.4	256QAM	1	5	18.92	19.01	19.08		
1.4	256QAM	3	0	19.01	18.90	19.15	20.5	5
1.4	256QAM	3	1	19.15	18.97	19.20		
1.4	256QAM	3	3	19.15	19.25	19.05		
1.4	256QAM	6	0	19.09	19.07	19.21		

Band 13 Ant 1 DSI2

BW [MHz]	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		24.06		25.5	0
10	QPSK	1	25		23.92			
10	QPSK	1	49		23.87			
10	QPSK	25	0		23.11		24.5	1
10	QPSK	25	12		22.91			
10	QPSK	25	25		22.88			
10	QPSK	50	0		23.11			
10	16QAM	1	0		22.97		24.5	1
10	16QAM	1	25		22.92			
10	16QAM	1	49		23.05			
10	16QAM	25	0		21.89		23.5	2
10	16QAM	25	12		21.83			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.76			
10	64QAM	1	0		21.94		23.5	2
10	64QAM	1	25		21.81			
10	64QAM	1	49		21.96			
10	64QAM	25	0		21.04		22.5	3
10	64QAM	25	12		21.10			
10	64QAM	25	25		20.92			
10	64QAM	50	0		21.04			
10	256QAM	1	0		18.76		20.5	5
10	256QAM	1	25		18.81			
10	256QAM	1	49		18.85			
10	256QAM	25	0		18.68		20.5	5
10	256QAM	25	12		18.88			
10	256QAM	25	25		18.94			
10	256QAM	50	0		18.85			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.97	24.02	23.94	25.5	0
5	QPSK	1	12	23.82	23.84	23.84		
5	QPSK	1	24	23.78	23.81	23.75		
5	QPSK	12	0	23.07	23.00	23.07	24.5	1
5	QPSK	12	7	22.80	22.88	22.84		
5	QPSK	12	13	22.81	22.77	22.78		
5	QPSK	25	0	23.02	22.99	23.03		
5	16QAM	1	0	22.88	22.92	22.86	24.5	1
5	16QAM	1	12	22.85	22.88	22.86		
5	16QAM	1	24	22.94	22.92	22.97		
5	16QAM	12	0	21.82	21.83	21.85	23.5	2
5	16QAM	12	7	21.70	21.78	21.71		
5	16QAM	12	13	21.81	21.82	21.85		
5	16QAM	25	0	21.67	21.70	21.69		
5	64QAM	1	0	21.87	21.85	21.89	23.5	2
5	64QAM	1	12	21.69	21.76	21.74		
5	64QAM	1	24	21.83	21.87	21.91		
5	64QAM	12	0	21.01	20.99	20.96	22.5	3
5	64QAM	12	7	21.02	21.04	21.03		
5	64QAM	12	13	20.80	20.86	20.81		
5	64QAM	25	0	20.92	21.00	20.99		
5	256QAM	1	0	18.64	18.65	18.64	20.5	5
5	256QAM	1	12	18.74	18.70	18.74		
5	256QAM	1	24	18.77	18.73	18.81		
5	256QAM	12	0	18.64	18.55	18.56	20.5	5
5	256QAM	12	7	18.81	18.85	18.79		
5	256QAM	12	13	18.85	18.90	18.85		
5	256QAM	25	0	18.76	18.77	18.73		

Band 17 Ant 1 DSI2

BW [MHz]	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	24.14	24.25	24.21	25.5	0
10	QPSK	1	25	23.94	24.09	23.96		
10	QPSK	1	49	23.93	24.00	23.90		
10	QPSK	25	0	23.23	23.33	23.24	24.5	1
10	QPSK	25	12	22.92	23.02	22.89		
10	QPSK	25	25	22.91	23.03	22.95		
10	QPSK	50	0	23.12	23.21	23.11		
10	16QAM	1	0	23.00	23.11	23.00	24.5	1
10	16QAM	1	25	22.97	23.04	22.94		
10	16QAM	1	49	23.10	23.24	23.10		
10	16QAM	25	0	21.95	22.01	21.94	23.5	2
10	16QAM	25	12	22.03	22.08	21.97		
10	16QAM	25	25	22.02	22.17	22.05		
10	16QAM	50	0	21.84	21.94	21.83		
10	64QAM	1	0	22.01	22.08	22.04	23.5	2
10	64QAM	1	25	21.89	21.97	21.86		
10	64QAM	1	49	22.04	22.11	21.96		
10	64QAM	25	0	21.10	21.23	21.09	22.5	3
10	64QAM	25	12	21.26	21.32	21.25		
10	64QAM	25	25	20.97	21.05	20.94		
10	64QAM	50	0	21.15	21.30	21.15		
10	256QAM	1	0	18.72	18.85	18.79	20.5	5
10	256QAM	1	25	18.98	19.04	18.99		
10	256QAM	1	49	18.98	19.04	18.97		
10	256QAM	25	0	18.83	18.87	18.78	20.5	5
10	256QAM	25	12	19.03	19.08	19.02		
10	256QAM	25	25	19.08	19.23	19.09		
10	256QAM	50	0	18.86	18.98	18.87		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.08	24.17	24.11	25.5	0
5	QPSK	1	12	23.83	23.97	23.92		
5	QPSK	1	24	23.82	23.94	23.86		
5	QPSK	12	0	23.14	23.26	23.19	24.5	1
5	QPSK	12	7	22.85	22.96	22.77		
5	QPSK	12	13	22.83	22.99	22.90		
5	QPSK	25	0	23.04	23.10	23.05		
5	16QAM	1	0	22.94	22.99	22.94	24.5	1
5	16QAM	1	12	22.94	23.00	22.87		
5	16QAM	1	24	23.00	23.11	23.01		
5	16QAM	12	0	21.82	21.90	21.87	23.5	2
5	16QAM	12	7	21.94	21.99	21.92		
5	16QAM	12	13	21.98	22.09	21.96		
5	16QAM	25	0	21.77	21.89	21.75		
5	64QAM	1	0	21.91	21.99	21.95	23.5	2
5	64QAM	1	12	21.83	21.93	21.77		
5	64QAM	1	24	21.96	22.01	21.87		
5	64QAM	12	0	21.01	21.12	21.02	22.5	3
5	64QAM	12	7	21.14	21.27	21.19		
5	64QAM	12	13	20.93	20.95	20.91		
5	64QAM	25	0	21.11	21.27	21.07		
5	256QAM	1	0	18.60	18.73	18.73	20.5	5
5	256QAM	1	12	18.90	19.01	18.93		
5	256QAM	1	24	18.90	18.98	18.92		
5	256QAM	12	0	18.72	18.77	18.73	20.5	5
5	256QAM	12	7	18.98	18.98	18.94		
5	256QAM	12	13	18.97	19.15	18.98		
5	256QAM	25	0	18.80	18.86	18.83		

Band 25 Ant 1 DSI2

BW [MHz]	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	20.40	20.41	20.34	21	0
20	QPSK	1	49	20.15	20.29	20.18		
20	QPSK	1	99	20.38	20.20	20.12		
20	QPSK	50	0	20.33	20.36	20.29	21	0
20	QPSK	50	24	20.05	20.20	20.09		
20	QPSK	50	50	20.30	20.13	20.01		
20	QPSK	100	0	20.32	20.36	20.25		
20	16QAM	1	0	20.36	20.34	20.25	21	0
20	16QAM	1	49	20.05	20.19	20.15		
20	16QAM	1	99	20.29	20.16	19.97		
20	16QAM	50	0	20.31	20.38	20.26	21	0
20	16QAM	50	24	20.03	20.16	20.15		
20	16QAM	50	50	20.24	20.15	20.03		
20	16QAM	100	0	20.27	20.37	20.28		
20	64QAM	1	0	20.31	20.34	20.29	21	0
20	64QAM	1	49	20.09	20.19	20.14		
20	64QAM	1	99	20.29	20.11	20.06		
20	64QAM	50	0	20.34	20.41	20.23	21	0
20	64QAM	50	24	20.05	20.22	20.07		
20	64QAM	50	50	20.26	20.19	19.97		
20	64QAM	100	0	20.29	20.39	20.28		
20	256QAM	1	0	18.15	18.04	18.11	19	2
20	256QAM	1	49	18.26	18.21	18.04		
20	256QAM	1	99	18.07	18.25	18.18		
20	256QAM	50	0	18.01	18.11	18.26	19	2
20	256QAM	50	24	18.13	18.24	18.19		
20	256QAM	50	50	18.25	18.25	18.19		
20	256QAM	100	0	18.17	18.09	18.32		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.37	20.39	20.33	21	0
15	QPSK	1	37	20.15	20.28	20.16		
15	QPSK	1	74	20.35	20.17	20.09		
15	QPSK	36	0	20.27	20.36	20.27	21	0
15	QPSK	36	20	20.03	20.16	20.11		
15	QPSK	36	39	20.28	20.10	20.00		
15	QPSK	75	0	20.32	20.33	20.20		
15	16QAM	1	0	20.31	20.30	20.23	21	0
15	16QAM	1	37	20.03	20.19	20.14		
15	16QAM	1	74	20.23	20.12	19.98		
15	16QAM	36	0	20.27	20.38	20.28	21	0
15	16QAM	36	20	20.01	20.16	20.14		
15	16QAM	36	39	20.23	20.10	20.02		
15	16QAM	75	0	20.25	20.37	20.24		
15	64QAM	1	0	20.30	20.33	20.27	21	0
15	64QAM	1	37	20.07	20.17	20.11		
15	64QAM	1	74	20.26	20.09	20.03		
15	64QAM	36	0	20.34	20.36	20.22	21	0
15	64QAM	36	20	20.01	20.22	20.07		
15	64QAM	36	39	20.28	20.17	19.97		
15	64QAM	75	0	20.29	20.35	20.26		
15	256QAM	1	0	18.02	17.91	18.01	19	2
15	256QAM	1	37	18.14	18.09	17.98		
15	256QAM	1	74	18.00	18.15	18.13		
15	256QAM	36	0	17.90	18.01	18.16	19	2
15	256QAM	36	20	18.08	18.21	18.08		
15	256QAM	36	39	18.19	18.19	18.07		
15	256QAM	75	0	18.12	17.97	18.20		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.35	20.38	20.31	21	0
10	QPSK	1	25	20.15	20.28	20.15		
10	QPSK	1	49	20.35	20.16	20.10		
10	QPSK	25	0	20.28	20.36	20.26	21	0
10	QPSK	25	12	20.02	20.17	20.09		
10	QPSK	25	25	20.29	20.10	19.99		
10	QPSK	50	0	20.32	20.33	20.20		
10	16QAM	1	0	20.32	20.31	20.23	21	0
10	16QAM	1	25	20.04	20.18	20.13		
10	16QAM	1	49	20.24	20.11	19.98		
10	16QAM	25	0	20.28	20.37	20.27	21	0
10	16QAM	25	12	20.02	20.15	20.14		
10	16QAM	25	25	20.23	20.12	20.03		
10	16QAM	50	0	20.26	20.39	20.26		
10	64QAM	1	0	20.31	20.33	20.27	21	0
10	64QAM	1	25	20.07	20.19	20.10		
10	64QAM	1	49	20.25	20.08	20.02		
10	64QAM	25	0	20.36	20.37	20.24	21	0
10	64QAM	25	12	20.01	20.22	20.06		
10	64QAM	25	25	20.28	20.15	19.97		
10	64QAM	50	0	20.27	20.36	20.24		
10	256QAM	1	0	18.06	17.93	17.99	19	2
10	256QAM	1	25	18.22	18.12	17.99		
10	256QAM	1	49	17.94	18.22	18.14		
10	256QAM	25	0	17.92	18.03	18.20	19	2
10	256QAM	25	12	18.08	18.13	18.12		
10	256QAM	25	25	18.15	18.21	18.08		
10	256QAM	50	0	18.11	17.97	18.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.36	20.38	20.31	21	0
5	QPSK	1	12	20.14	20.28	20.16		
5	QPSK	1	24	20.36	20.16	20.09		
5	QPSK	12	0	20.27	20.36	20.28	21	0
5	QPSK	12	7	20.02	20.18	20.09		
5	QPSK	12	13	20.28	20.10	19.99		
5	QPSK	25	0	20.31	20.34	20.20		
5	16QAM	1	0	20.31	20.31	20.24	21	0
5	16QAM	1	12	20.03	20.20	20.14		
5	16QAM	1	24	20.24	20.12	19.99		
5	16QAM	12	0	20.27	20.36	20.26	21	0
5	16QAM	12	7	20.02	20.16	20.14		
5	16QAM	12	13	20.24	20.12	20.02		
5	16QAM	25	0	20.26	20.37	20.26		
5	64QAM	1	0	20.31	20.33	20.27	21	0
5	64QAM	1	12	20.07	20.18	20.10		
5	64QAM	1	24	20.26	20.10	20.03		
5	64QAM	12	0	20.36	20.37	20.24	21	0
5	64QAM	12	7	20.02	20.21	20.07		
5	64QAM	12	13	20.28	20.15	19.97		
5	64QAM	25	0	20.28	20.36	20.25		
5	256QAM	1	0	18.04	17.97	18.02	19	2
5	256QAM	1	12	18.16	18.11	17.97		
5	256QAM	1	24	18.01	18.20	18.06		
5	256QAM	12	0	17.94	18.04	18.13	19	2
5	256QAM	12	7	18.09	18.20	18.15		
5	256QAM	12	13	18.22	18.22	18.07		
5	256QAM	25	0	18.13	18.03	18.23		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.36	20.40	20.32	21	0
3	QPSK	1	8	20.16	20.27	20.14		
3	QPSK	1	14	20.35	20.15	20.09		
3	QPSK	8	0	20.28	20.37	20.28	21	0
3	QPSK	8	4	20.03	20.17	20.10		
3	QPSK	8	7	20.29	20.09	20.00		
3	QPSK	15	0	20.32	20.32	20.21		
3	16QAM	1	0	20.32	20.30	20.23	21	0
3	16QAM	1	8	20.03	20.18	20.14		
3	16QAM	1	14	20.24	20.12	19.99		
3	16QAM	8	0	20.26	20.38	20.28	21	0
3	16QAM	8	4	20.01	20.17	20.16		
3	16QAM	8	7	20.23	20.12	20.03		
3	16QAM	15	0	20.27	20.38	20.25		
3	64QAM	1	0	20.30	20.33	20.27	21	0
3	64QAM	1	8	20.08	20.17	20.11		
3	64QAM	1	14	20.26	20.09	20.02		
3	64QAM	8	0	20.36	20.38	20.24	21	0
3	64QAM	8	4	20.02	20.20	20.07		
3	64QAM	8	7	20.26	20.15	19.97		
3	64QAM	15	0	20.29	20.34	20.25		
3	256QAM	1	0	18.05	17.95	18.03	19	2
3	256QAM	1	8	18.22	18.13	17.97		
3	256QAM	1	14	18.02	18.12	18.09		
3	256QAM	8	0	17.96	18.07	18.19	19	2
3	256QAM	8	4	18.04	18.15	18.13		
3	256QAM	8	7	18.15	18.18	18.06		
3	256QAM	15	0	18.06	18.03	18.25		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.36	20.40	20.33	21	0
1.4	QPSK	1	3	20.16	20.28	20.14		
1.4	QPSK	1	5	20.36	20.15	20.10		
1.4	QPSK	3	0	20.27	20.36	20.26	21	0
1.4	QPSK	3	1	20.02	20.16	20.09		
1.4	QPSK	3	3	20.29	20.10	19.98		
1.4	QPSK	6	0	20.32	20.33	20.20		
1.4	16QAM	1	0	20.32	20.31	20.22	21	0
1.4	16QAM	1	3	20.04	20.19	20.15		
1.4	16QAM	1	5	20.23	20.11	19.98		
1.4	16QAM	3	0	20.27	20.36	20.27	21	0
1.4	16QAM	3	1	20.01	20.16	20.16		
1.4	16QAM	3	3	20.23	20.12	20.03		
1.4	16QAM	6	0	20.26	20.37	20.26		
1.4	64QAM	1	0	20.31	20.33	20.26	21	0
1.4	64QAM	1	3	20.07	20.18	20.12		
1.4	64QAM	1	5	20.27	20.10	20.03		
1.4	64QAM	3	0	20.36	20.37	20.23	21	0
1.4	64QAM	3	1	20.02	20.21	20.07		
1.4	64QAM	3	3	20.26	20.15	19.96		
1.4	64QAM	6	0	20.28	20.35	20.26		
1.4	256QAM	1	0	18.08	17.95	18.08	19	2
1.4	256QAM	1	3	18.18	18.11	17.93		
1.4	256QAM	1	5	18.02	18.19	18.07		
1.4	256QAM	3	0	17.97	18.00	18.20	19	2
1.4	256QAM	3	1	18.04	18.19	18.10		
1.4	256QAM	3	3	18.16	18.13	18.11		
1.4	256QAM	6	0	18.14	18.02	18.23		

Band 26 for IC Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26865	26915	26965		
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	0	23.58	23.46	23.54	24.5	0
15	QPSK	1	37	23.51	23.32	23.37		
15	QPSK	1	74	23.50	23.44	23.38		
15	QPSK	36	0	22.61	22.56	22.51	23.5	1
15	QPSK	36	20	22.37	22.55	22.43		
15	QPSK	36	39	22.60	22.50	22.41		
15	QPSK	75	0	22.45	22.40	22.41		
15	16QAM	1	0	22.11	22.05	22.11	23.5	1
15	16QAM	1	37	22.42	22.22	22.39		
15	16QAM	1	74	22.36	22.23	22.19		
15	16QAM	36	0	21.29	21.13	21.12	22.5	2
15	16QAM	36	20	21.25	21.14	21.24		
15	16QAM	36	39	21.40	21.42	21.32		
15	16QAM	75	0	21.15	21.10	20.98		
15	64QAM	1	0	21.22	21.07	21.19	22.5	2
15	64QAM	1	37	21.36	21.37	21.18		
15	64QAM	1	74	21.49	21.32	21.31		
15	64QAM	36	0	20.39	20.19	20.39	21.5	3
15	64QAM	36	20	20.41	20.29	20.26		
15	64QAM	36	39	20.27	20.08	20.13		
15	64QAM	75	0	20.42	20.41	20.36		
15	256QAM	1	0	18.20	18.11	17.99	19.5	5
15	256QAM	1	37	18.24	18.18	18.05		
15	256QAM	1	74	18.42	18.35	18.43		
15	256QAM	36	0	18.27	18.14	18.29	19.5	5
15	256QAM	36	20	18.22	18.13	18.14		
15	256QAM	36	39	18.44	18.35	18.26		
15	256QAM	75	0	18.13	17.92	18.03		
Channel				26840	26915	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.54	23.36	23.43	24.5	0
10	QPSK	1	25	23.45	23.24	23.29		
10	QPSK	1	49	23.42	23.32	23.35		
10	QPSK	25	0	22.51	22.52	22.39	23.5	1
10	QPSK	25	12	22.25	22.49	22.33		
10	QPSK	25	25	22.51	22.40	22.34		
10	QPSK	50	0	22.41	22.34	22.30		
10	16QAM	1	0	22.02	21.92	22.00	23.5	1
10	16QAM	1	25	22.32	22.13	22.30		
10	16QAM	1	49	22.27	22.14	22.16		
10	16QAM	25	0	21.25	21.01	20.99	22.5	2
10	16QAM	25	12	21.13	21.04	21.12		
10	16QAM	25	25	21.31	21.32	21.20		
10	16QAM	50	0	21.08	20.98	20.94		
10	64QAM	1	0	21.17	20.98	21.08	22.5	2
10	64QAM	1	25	21.26	21.28	21.10		
10	64QAM	1	49	21.46	21.23	21.24		
10	64QAM	25	0	20.30	20.13	20.33	21.5	3
10	64QAM	25	12	20.29	20.24	20.18		
10	64QAM	25	25	20.22	20.00	20.08		
10	64QAM	50	0	20.38	20.35	20.27		
10	256QAM	1	0	18.16	17.99	17.96	19.5	5
10	256QAM	1	25	18.17	18.10	17.95		
10	256QAM	1	49	18.36	18.23	18.32		
10	256QAM	25	0	18.18	18.02	18.24	19.5	5
10	256QAM	25	12	18.16	18.09	18.11		
10	256QAM	25	25	18.38	18.25	18.14		
10	256QAM	50	0	18.08	17.87	17.95		
Channel				26815	26915	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.50	23.41	23.44	24.5	0
5	QPSK	1	12	23.45	23.27	23.30		
5	QPSK	1	24	23.38	23.32	23.31		
5	QPSK	12	0	22.52	22.50	22.42	23.5	1
5	QPSK	12	7	22.28	22.45	22.35		
5	QPSK	12	13	22.49	22.41	22.29		
5	QPSK	25	0	22.40	22.35	22.35		
5	16QAM	1	0	22.06	22.00	22.00	23.5	1
5	16QAM	1	12	22.35	22.17	22.26		
5	16QAM	1	24	22.24	22.15	22.14		
5	16QAM	12	0	21.21	21.07	21.05	22.5	2
5	16QAM	12	7	21.14	21.05	21.17		
5	16QAM	12	13	21.33	21.30	21.25		
5	16QAM	25	0	21.02	20.99	20.90		
5	64QAM	1	0	21.17	21.03	21.14	22.5	2
5	64QAM	1	12	21.31	21.27	21.15		
5	64QAM	1	24	21.43	21.26	21.28		
5	64QAM	12	0	20.30	20.08	20.29	21.5	3
5	64QAM	12	7	20.34	20.18	20.21		
5	64QAM	12	13	20.16	20.02	20.05		
5	64QAM	25	0	20.37	20.33	20.29		
5	256QAM	1	0	18.14	18.06	17.93	19.5	5
5	256QAM	1	12	18.18	18.07	18.00		
5	256QAM	1	24	18.34	18.24	18.39		
5	256QAM	12	0	18.21	18.05	18.17	19.5	5
5	256QAM	12	7	18.12	18.06	18.05		
5	256QAM	12	13	18.35	18.22	18.15		
5	256QAM	25	0	18.01	17.84	17.93		
Channel				26805	26915	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.55	23.35	23.45	24.5	0
3	QPSK	1	8	23.42	23.27	23.26		
3	QPSK	1	14	23.43	23.33	23.28		
3	QPSK	8	0	22.58	22.43	22.46	23.5	1
3	QPSK	8	4	22.25	22.45	22.35		
3	QPSK	8	7	22.47	22.44	22.30		
3	QPSK	15	0	22.42	22.37	22.32		
3	16QAM	1	0	22.06	21.95	22.01	23.5	1
3	16QAM	1	8	22.31	22.15	22.27		
3	16QAM	1	14	22.30	22.14	22.15		
3	16QAM	8	0	21.17	21.08	21.08	22.5	2
3	16QAM	8	4	21.20	21.10	21.20		
3	16QAM	8	7	21.31	21.31	21.19		
3	16QAM	15	0	21.05	20.98	20.89		
3	64QAM	1	0	21.13	20.98	21.12	22.5	2
3	64QAM	1	8	21.25	21.25	21.07		
3	64QAM	1	14	21.43	21.26	21.20		
3	64QAM	8	0	20.35	20.07	20.33	21.5	3
3	64QAM	8	4	20.29	20.24	20.15		
3	64QAM	8	7	20.18	19.96	20.06		
3	64QAM	15	0	20.34	20.37	20.32		
3	256QAM	1	0	18.15	17.98	17.94	19.5	5
3	256QAM	1	8	18.20	18.06	17.96		
3	256QAM	1	14	18.29	18.32	18.30		
3	256QAM	8	0	18.23	18.04	18.18	19.5	5
3	256QAM	8	4	18.10	18.05	18.06		
3	256QAM	8	7	18.40	18.27	18.20		
3	256QAM	15	0	18.05	17.83	17.90		
Channel				26797	26915	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.55	23.38	23.42	24.5	0
1.4	QPSK	1	3	23.38	23.20	23.27		
1.4	QPSK	1	5	23.41	23.37	23.30		
1.4	QPSK	3	0	22.55	22.44	22.41	23.5	1
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.55	22.47	22.32		
1.4	QPSK	6	0	22.34	22.31	22.34		
1.4	16QAM	1	0	22.05	21.93	22.07	23.5	1
1.4	16QAM	1	3	22.33	22.17	22.33		
1.4	16QAM	1	5	22.25	22.18	22.12		
1.4	16QAM	3	0	21.24	21.08	21.00	22.5	2
1.4	16QAM	3	1	21.22	21.09	21.16		
1.4	16QAM	3	3	21.32	21.36	21.28		
1.4	16QAM	6	0	21.06	20.97	20.92		
1.4	64QAM	1	0	21.11	20.95	21.15	22.5	2
1.4	64QAM	1	3	21.25	21.28	21.06		
1.4	64QAM	1	5	21.44	21.23	21.23		
1.4	64QAM	3	0	20.28	20.11	20.30	21.5	3
1.4	64QAM	3	1	20.28	20.25	20.19		
1.4	64QAM	3	3	20.24	19.97	20.06		
1.4	64QAM	6	0	20.36	20.28	20.28		
1.4	256QAM	1	0	18.17	18.00	17.92	19.5	5
1.4	256QAM	1	3	18.18	18.06	17.93		
1.4	256QAM	1	5	18.38	18.27	18.35		
1.4	256QAM	3	0	18.19	18.04	18.24	19.5	5
1.4	256QAM	3	1	18.09	18.03	18.03		
1.4	256QAM	3	3	18.33	18.24	18.20		
1.4	256QAM	6	0	18.03	17.81	17.96		

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.63		24	0
10	QPSK	1	25		22.60			
10	QPSK	1	49		22.27			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.62			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.75			
10	16QAM	1	0		21.25		23	1
10	16QAM	1	25		21.71			
10	16QAM	1	49		21.47			
10	16QAM	25	0		20.60		22	2
10	16QAM	25	12		20.42			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.37			
10	64QAM	1	0		20.30		22	2
10	64QAM	1	25		20.50			
10	64QAM	1	49		20.75			
10	64QAM	25	0		19.63		21	3
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.50			
10	64QAM	50	0		19.56			
10	256QAM	1	0		17.50		19	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.42		19	5
10	256QAM	25	12		17.40			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.34			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.55	22.50	22.49	24	0
5	QPSK	1	12	22.44	22.48	22.30		
5	QPSK	1	24	22.52	22.16	22.49		
5	QPSK	12	0	21.70	21.88	21.56	23	1
5	QPSK	12	7	21.50	21.59	21.59		
5	QPSK	12	13	21.72	21.39	21.53		
5	QPSK	25	0	21.46	21.65	21.63		
5	16QAM	1	0	21.38	21.21	21.40	23	1
5	16QAM	1	12	21.39	21.66	21.38		
5	16QAM	1	24	21.24	21.35	21.56		
5	16QAM	12	0	20.66	20.48	20.49	22	2
5	16QAM	12	7	20.59	20.33	20.42		
5	16QAM	12	13	20.54	20.58	20.61		
5	16QAM	25	0	20.45	20.32	20.51		
5	64QAM	1	0	20.47	20.23	20.59	22	2
5	64QAM	1	12	20.30	20.46	20.32		
5	64QAM	1	24	20.42	20.64	20.54		
5	64QAM	12	0	19.55	19.54	19.66	21	3
5	64QAM	12	7	19.54	19.49	19.65		
5	64QAM	12	13	19.49	19.44	19.47		
5	64QAM	25	0	19.65	19.46	19.51		
5	256QAM	1	0	17.41	17.39	17.48	19	5
5	256QAM	1	12	17.34	17.28	17.35		
5	256QAM	1	24	17.23	17.47	17.61		
5	256QAM	12	0	17.11	17.38	17.46	19	5
5	256QAM	12	7	17.17	17.28	17.35		
5	256QAM	12	13	17.49	17.60	17.39		
5	256QAM	25	0	17.43	17.22	17.57		

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BW [MHz]	Modulation	RB Size	17	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	21.57	21.67	21.59	22	0
20	QPSK	1	49	21.29	21.37	21.37		
20	QPSK	1	99	21.51	21.46	21.29		
20	QPSK	50	0	21.54	21.64	21.61	22	0
20	QPSK	50	24	21.28	21.41	21.29		
20	QPSK	50	50	21.48	21.42	21.16		
20	QPSK	100	0	21.52	21.62	21.59		
20	16QAM	1	0	21.53	21.60	21.60	22	0
20	16QAM	1	49	21.24	21.33	21.29		
20	16QAM	1	99	21.52	21.48	21.20		
20	16QAM	50	0	21.43	21.11	21.40	22	0
20	16QAM	50	24	21.40	21.23	21.22		
20	16QAM	50	50	21.45	21.21	21.52		
20	16QAM	100	0	21.41	21.09	21.34		
20	64QAM	1	0	21.35	21.24	21.20	22	0
20	64QAM	1	49	21.12	21.31	21.16		
20	64QAM	1	99	21.29	21.33	21.32		
20	64QAM	50	0	20.41	20.24	20.37	21	1
20	64QAM	50	24	20.32	20.21	20.42		
20	64QAM	50	50	20.37	20.18	20.16		
20	64QAM	100	0	20.42	20.23	20.26		
20	256QAM	1	0	18.09	18.21	18.23	19	3
20	256QAM	1	49	18.15	18.09	18.00		
20	256QAM	1	99	17.93	18.37	18.22		
20	256QAM	50	0	18.17	18.18	18.13	19	3
20	256QAM	50	24	18.14	18.02	18.11		
20	256QAM	50	50	18.45	18.44	18.16		
20	256QAM	100	0	18.04	18.13	18.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.54	21.62	21.57	22	0
15	QPSK	1	37	21.28	21.33	21.34		
15	QPSK	1	74	21.49	21.43	21.25		
15	QPSK	36	0	21.48	21.61	21.57	22	0
15	QPSK	36	20	21.23	21.36	21.28		
15	QPSK	36	39	21.44	21.39	21.14		
15	QPSK	75	0	21.49	21.57	21.57		
15	16QAM	1	0	21.49	21.60	21.60	22	0
15	16QAM	1	37	21.22	21.30	21.23		
15	16QAM	1	74	21.52	21.44	21.16		
15	16QAM	36	0	21.38	21.03	21.29	22	0
15	16QAM	36	20	21.29	21.13	21.17		
15	16QAM	36	39	21.35	21.13	21.40		
15	16QAM	75	0	21.32	20.98	21.22		
15	64QAM	1	0	21.31	21.11	21.07	22	0
15	64QAM	1	37	21.03	21.19	21.08		
15	64QAM	1	74	21.23	21.23	21.25		
15	64QAM	36	0	20.34	20.21	20.27	21	1
15	64QAM	36	20	20.26	20.10	20.30		
15	64QAM	36	39	20.34	20.12	20.06		
15	64QAM	75	0	20.30	20.17	20.23		
15	256QAM	1	0	18.02	18.09	18.15	19	3
15	256QAM	1	37	18.11	18.05	17.92		
15	256QAM	1	74	17.86	18.27	18.19		
15	256QAM	36	0	18.07	18.10	18.05	19	3
15	256QAM	36	20	18.10	17.97	18.00		
15	256QAM	36	39	18.32	18.37	18.07		
15	256QAM	75	0	17.97	18.10	18.37		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.55	21.64	21.59	22	0
10	QPSK	1	25	21.24	21.35	21.32		
10	QPSK	1	49	21.46	21.43	21.26		
10	QPSK	25	0	21.53	21.61	21.61	22	0
10	QPSK	25	12	21.25	21.36	21.29		
10	QPSK	25	25	21.46	21.38	21.12		
10	QPSK	50	0	21.51	21.57	21.54		
10	16QAM	1	0	21.49	21.59	21.55	22	0
10	16QAM	1	25	21.24	21.28	21.26		
10	16QAM	1	49	21.50	21.43	21.16		
10	16QAM	25	0	21.33	21.05	21.36	22	0
10	16QAM	25	12	21.32	21.11	21.16		
10	16QAM	25	25	21.39	21.11	21.41		
10	16QAM	50	0	21.38	20.99	21.25		
10	64QAM	1	0	21.32	21.13	21.11	22	0
10	64QAM	1	25	21.00	21.26	21.04		
10	64QAM	1	49	21.19	21.28	21.23		
10	64QAM	25	0	20.37	20.16	20.26	21	1
10	64QAM	25	12	20.20	20.13	20.29		
10	64QAM	25	25	20.25	20.07	20.06		
10	64QAM	50	0	20.38	20.11	20.18		
10	256QAM	1	0	18.01	18.17	18.18	19	3
10	256QAM	1	25	18.05	18.02	17.94		
10	256QAM	1	49	17.86	18.32	18.09		
10	256QAM	25	0	18.08	18.13	18.10	19	3
10	256QAM	25	12	18.08	17.93	18.01		
10	256QAM	25	25	18.40	18.38	18.09		
10	256QAM	50	0	17.91	18.09	18.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.55	21.63	21.54	22	0
5	QPSK	1	12	21.29	21.31	21.33		
5	QPSK	1	24	21.46	21.41	21.25		
5	QPSK	12	0	21.52	21.62	21.58	22	0
5	QPSK	12	7	21.25	21.39	21.23		
5	QPSK	12	13	21.43	21.37	21.13		
5	QPSK	25	0	21.51	21.59	21.58		
5	16QAM	1	0	21.50	21.59	21.58	22	0
5	16QAM	1	12	21.24	21.29	21.28		
5	16QAM	1	24	21.51	21.43	21.19		
5	16QAM	12	0	21.38	21.04	21.33	22	0
5	16QAM	12	7	21.32	21.16	21.17		
5	16QAM	12	13	21.40	21.13	21.44		
5	16QAM	25	0	21.38	20.98	21.24		
5	64QAM	1	0	21.28	21.18	21.09	22	0
5	64QAM	1	12	21.02	21.23	21.04		
5	64QAM	1	24	21.21	21.24	21.27		
5	64QAM	12	0	20.36	20.19	20.26	21	1
5	64QAM	12	7	20.26	20.14	20.37		
5	64QAM	12	13	20.31	20.13	20.09		
5	64QAM	25	0	20.38	20.15	20.22		
5	256QAM	1	0	18.00	18.18	18.16	19	3
5	256QAM	1	12	18.05	17.96	17.97		
5	256QAM	1	24	17.89	18.31	18.09		
5	256QAM	12	0	18.09	18.12	18.03	19	3
5	256QAM	12	7	18.09	17.91	18.02		
5	256QAM	12	13	18.35	18.33	18.08		
5	256QAM	25	0	17.97	18.01	18.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.54	21.62	21.57	22	0
3	QPSK	1	8	21.25	21.33	21.35		
3	QPSK	1	14	21.49	21.46	21.23		
3	QPSK	8	0	21.53	21.60	21.58	22	0
3	QPSK	8	4	21.22	21.36	21.24		
3	QPSK	8	7	21.47	21.40	21.12		
3	QPSK	15	0	21.50	21.57	21.55		
3	16QAM	1	0	21.50	21.65	21.58	22	0
3	16QAM	1	8	21.20	21.31	21.28		
3	16QAM	1	14	21.48	21.44	21.20		
3	16QAM	8	0	21.34	21.01	21.29	22	0
3	16QAM	8	4	21.36	21.12	21.10		
3	16QAM	8	7	21.34	21.15	21.49		
3	16QAM	15	0	21.30	21.01	21.28		
3	64QAM	1	0	21.30	21.16	21.13	22	0
3	64QAM	1	8	21.09	21.19	21.13		
3	64QAM	1	14	21.19	21.21	21.21		
3	64QAM	8	0	20.30	20.12	20.26	21	1
3	64QAM	8	4	20.28	20.16	20.37		
3	64QAM	8	7	20.31	20.15	20.10		
3	64QAM	15	0	20.32	20.11	20.16		
3	256QAM	1	0	17.99	18.15	18.14	19	3
3	256QAM	1	8	18.03	18.04	17.90		
3	256QAM	1	14	17.87	18.33	18.17		
3	256QAM	8	0	18.10	18.13	18.03	19	3
3	256QAM	8	4	18.03	17.94	18.00		
3	256QAM	8	7	18.41	18.34	18.10		
3	256QAM	15	0	17.92	18.06	18.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.56	21.65	21.57	22	0
1.4	QPSK	1	3	21.28	21.36	21.33		
1.4	QPSK	1	5	21.48	21.42	21.29		
1.4	QPSK	3	0	21.53	21.61	21.59	22	0
1.4	QPSK	3	1	21.24	21.36	21.24		
1.4	QPSK	3	3	21.43	21.38	21.14		
1.4	QPSK	6	0	21.47	21.60	21.59		
1.4	16QAM	1	0	21.50	21.59	21.54	22	0
1.4	16QAM	1	3	21.21	21.30	21.24		
1.4	16QAM	1	5	21.49	21.44	21.16		
1.4	16QAM	3	0	21.35	21.06	21.28	22	0
1.4	16QAM	3	1	21.31	21.18	21.18		
1.4	16QAM	3	3	21.34	21.11	21.45		
1.4	16QAM	6	0	21.33	21.00	21.30		
1.4	64QAM	1	0	21.31	21.16	21.10	22	0
1.4	64QAM	1	3	21.05	21.19	21.10		
1.4	64QAM	1	5	21.23	21.24	21.25		
1.4	64QAM	3	0	20.33	20.21	20.26	21	1
1.4	64QAM	3	1	20.23	20.16	20.37		
1.4	64QAM	3	3	20.33	20.11	20.08		
1.4	64QAM	6	0	20.34	20.14	20.16		
1.4	256QAM	1	0	18.02	18.14	18.14	19	3
1.4	256QAM	1	3	18.02	18.00	17.97		
1.4	256QAM	1	5	17.85	18.33	18.15		
1.4	256QAM	3	0	18.05	18.12	18.09	19	3
1.4	256QAM	3	1	18.04	17.93	18.05		
1.4	256QAM	3	3	18.39	18.38	18.04		
1.4	256QAM	6	0	17.96	18.00	18.36		

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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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	23.35	23.58	23.38	24.5	0
20	QPSK	1	49	23.09	23.25	23.22		
20	QPSK	1	99	23.39	23.36	23.42		
20	QPSK	50	0	22.40	22.46	22.32	23.5	1
20	QPSK	50	24	22.19	22.22	22.43		
20	QPSK	50	50	22.24	22.14	22.31		
20	QPSK	100	0	21.99	22.30	22.28		
20	16QAM	1	0	22.08	21.85	22.00	23.5	1
20	16QAM	1	49	22.01	22.26	22.33		
20	16QAM	1	99	22.15	22.18	22.23		
20	16QAM	50	0	21.41	21.22	21.20	22.5	2
20	16QAM	50	24	21.26	21.15	21.05		
20	16QAM	50	50	21.25	21.03	21.53		
20	16QAM	100	0	21.27	20.91	21.14		
20	64QAM	1	0	21.36	21.10	21.04	22.5	2
20	64QAM	1	49	21.04	21.27	21.18		
20	64QAM	1	99	21.24	21.23	21.11		
20	64QAM	50	0	20.26	20.19	20.24	21.5	3
20	64QAM	50	24	20.17	20.05	20.27		
20	64QAM	50	50	20.16	20.02	20.04		
20	64QAM	100	0	20.35	20.02	20.23		
20	256QAM	1	0	18.08	18.01	18.10	19.5	5
20	256QAM	1	49	18.03	17.96	17.80		
20	256QAM	1	99	17.71	18.18	18.09		
20	256QAM	50	0	18.04	18.17	18.00	19.5	5
20	256QAM	50	24	18.13	17.93	17.91		
20	256QAM	50	50	18.40	18.24	18.00		
20	256QAM	100	0	17.87	18.14	18.26		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.31	23.51	23.34	24.5	0
15	QPSK	1	37	23.04	23.16	23.15		
15	QPSK	1	74	23.31	23.30	23.37		
15	QPSK	36	0	22.28	22.43	22.28	23.5	1
15	QPSK	36	20	22.14	22.17	22.36		
15	QPSK	36	39	22.16	22.06	22.28		
15	QPSK	75	0	21.95	22.26	22.21		
15	16QAM	1	0	21.97	21.79	21.94	23.5	1
15	16QAM	1	37	21.89	22.14	22.21		
15	16QAM	1	74	22.06	22.10	22.15		
15	16QAM	36	0	21.30	21.10	21.15	22.5	2
15	16QAM	36	20	21.16	21.02	20.96		
15	16QAM	36	39	21.16	20.96	21.40		
15	16QAM	75	0	21.24	20.84	21.08		
15	64QAM	1	0	21.27	21.06	20.92	22.5	2
15	64QAM	1	37	20.94	21.21	21.13		
15	64QAM	1	74	21.14	21.20	21.00		
15	64QAM	36	0	20.22	20.09	20.13	21.5	3
15	64QAM	36	20	20.14	19.98	20.23		
15	64QAM	36	39	20.09	19.90	19.93		
15	64QAM	75	0	20.23	19.96	20.15		
15	256QAM	1	0	18.03	17.94	17.97	19.5	5
15	256QAM	1	37	17.95	17.89	17.71		
15	256QAM	1	74	17.65	18.07	17.99		
15	256QAM	36	0	17.93	18.05	17.92	19.5	5
15	256QAM	36	20	18.02	17.86	17.85		
15	256QAM	36	39	18.33	18.16	17.95		
15	256QAM	75	0	17.81	18.07	18.20		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.28	23.54	23.32	24.5	0
10	QPSK	1	25	23.05	23.15	23.14		
10	QPSK	1	49	23.36	23.29	23.33		
10	QPSK	25	0	22.35	22.40	22.24	23.5	1
10	QPSK	25	12	22.10	22.12	22.39		
10	QPSK	25	25	22.17	22.02	22.19		
10	QPSK	50	0	21.89	22.21	22.20		
10	16QAM	1	0	21.98	21.75	21.93	23.5	1
10	16QAM	1	25	21.95	22.16	22.23		
10	16QAM	1	49	22.09	22.09	22.12		
10	16QAM	25	0	21.33	21.15	21.15	22.5	2
10	16QAM	25	12	21.22	21.03	20.99		
10	16QAM	25	25	21.16	20.99	21.44		
10	16QAM	50	0	21.22	20.86	21.02		
10	64QAM	1	0	21.30	20.99	20.91	22.5	2
10	64QAM	1	25	21.01	21.16	21.08		
10	64QAM	1	49	21.18	21.14	21.03		
10	64QAM	25	0	20.22	20.08	20.14	21.5	3
10	64QAM	25	12	20.10	19.93	20.16		
10	64QAM	25	25	20.10	19.94	19.93		
10	64QAM	50	0	20.26	19.95	20.18		
10	256QAM	1	0	17.99	17.97	17.99	19.5	5
10	256QAM	1	25	17.95	17.90	17.70		
10	256QAM	1	49	17.66	18.14	18.04		
10	256QAM	25	0	17.96	18.13	17.89	19.5	5
10	256QAM	25	12	18.00	17.94	17.85		
10	256QAM	25	25	18.31	18.19	17.95		
10	256QAM	50	0	17.79	18.05	18.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	23.32	23.53	23.29	24.5	0
5	QPSK	1	12	23.06	23.15	23.15		
5	QPSK	1	24	23.33	23.24	23.35		
5	QPSK	12	0	22.31	22.36	22.28	23.5	1
5	QPSK	12	7	22.10	22.19	22.33		
5	QPSK	12	13	22.19	22.04	22.27		
5	QPSK	25	0	21.87	22.21	22.21		
5	16QAM	1	0	22.05	22.01	21.94	23.5	1
5	16QAM	1	12	21.98	22.14	22.25		
5	16QAM	1	24	22.09	22.08	22.12		
5	16QAM	12	0	21.28	21.09	21.09	22.5	2
5	16QAM	12	7	21.14	21.03	20.98		
5	16QAM	12	13	21.14	21.00	21.43		
5	16QAM	25	0	21.14	20.78	21.06		
5	64QAM	1	0	21.27	21.05	20.98	22.5	2
5	64QAM	1	12	20.98	21.21	21.14		
5	64QAM	1	24	21.19	21.14	21.03		
5	64QAM	12	0	20.17	20.13	20.17	21.5	3
5	64QAM	12	7	20.13	19.93	20.17		
5	64QAM	12	13	20.13	19.93	19.93		
5	64QAM	25	0	20.22	19.90	20.16		
5	256QAM	1	0	18.04	17.89	18.03	19.5	5
5	256QAM	1	12	17.98	17.89	17.72		
5	256QAM	1	24	17.63	18.13	18.01		
5	256QAM	12	0	17.95	18.05	17.89	19.5	5
5	256QAM	12	7	18.02	17.84	17.87		
5	256QAM	12	13	18.31	18.17	17.89		
5	256QAM	25	0	17.78	18.05	18.18		

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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	20.79	20.85	20.73	22	0
20	QPSK	1	49	20.55	20.74	20.68		
20	QPSK	1	99	20.79	20.56	20.69		
20	QPSK	50	0	20.73	20.81	20.65	22	0
20	QPSK	50	24	20.43	20.70	20.64		
20	QPSK	50	50	20.71	20.50	20.63		
20	QPSK	100	0	20.72	20.77	20.69		
20	16QAM	1	0	20.77	20.75	20.69	22	0
20	16QAM	1	49	20.47	20.78	20.60		
20	16QAM	1	99	20.75	20.52	20.60		
20	16QAM	50	0	20.77	20.75	20.68	22	0
20	16QAM	50	24	20.42	20.78	20.61		
20	16QAM	50	50	20.68	20.49	20.60		
20	16QAM	100	0	20.72	20.81	20.68		
20	64QAM	1	0	20.79	20.76	20.66	22	0
20	64QAM	1	49	20.45	20.75	20.61		
20	64QAM	1	99	20.73	20.49	20.66		
20	64QAM	50	0	20.77	20.81	20.70	22	0
20	64QAM	50	24	20.47	20.75	20.58		
20	64QAM	50	50	20.76	20.49	20.63		
20	64QAM	100	0	20.78	20.77	20.72		
20	256QAM	1	0	18.59	18.33	18.46	20	2
20	256QAM	1	49	18.57	18.52	18.33		
20	256QAM	1	99	18.33	18.56	18.56		
20	256QAM	50	0	18.50	18.41	18.59	20	2
20	256QAM	50	24	18.55	18.50	18.71		
20	256QAM	50	50	18.64	18.70	18.44		
20	256QAM	100	0	18.55	18.47	18.75		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.74	20.82	20.70	22	0
15	QPSK	1	37	20.52	20.72	20.67		
15	QPSK	1	74	20.76	20.53	20.64		
15	QPSK	36	0	20.72	20.75	20.64	22	0
15	QPSK	36	20	20.38	20.67	20.64		
15	QPSK	36	39	20.71	20.49	20.60		
15	QPSK	75	0	20.66	20.73	20.67		
15	16QAM	1	0	20.75	20.73	20.66	22	0
15	16QAM	1	37	20.42	20.75	20.56		
15	16QAM	1	74	20.72	20.47	20.54		
15	16QAM	36	0	20.73	20.74	20.67	22	0
15	16QAM	36	20	20.39	20.73	20.57		
15	16QAM	36	39	20.64	20.44	20.58		
15	16QAM	75	0	20.70	20.77	20.62		
15	64QAM	1	0	20.75	20.71	20.62	22	0
15	64QAM	1	37	20.42	20.72	20.58		
15	64QAM	1	74	20.70	20.48	20.63		
15	64QAM	36	0	20.75	20.75	20.69	22	0
15	64QAM	36	20	20.43	20.72	20.56		
15	64QAM	36	39	20.74	20.46	20.59		
15	64QAM	75	0	20.76	20.72	20.69		
15	256QAM	1	0	18.50	18.22	18.36	20	2
15	256QAM	1	37	18.52	18.47	18.21		
15	256QAM	1	74	18.25	18.52	18.43		
15	256QAM	36	0	18.41	18.35	18.54	20	2
15	256QAM	36	20	18.47	18.39	18.65		
15	256QAM	36	39	18.60	18.64	18.35		
15	256QAM	75	0	18.43	18.37	18.71		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.75	20.83	20.71	22	0
10	QPSK	1	25	20.51	20.69	20.63		
10	QPSK	1	49	20.77	20.56	20.65		
10	QPSK	25	0	20.68	20.75	20.61	22	0
10	QPSK	25	12	20.41	20.66	20.61		
10	QPSK	25	25	20.70	20.47	20.59		
10	QPSK	50	0	20.69	20.75	20.63		
10	16QAM	1	0	20.72	20.72	20.67	22	0
10	16QAM	1	25	20.43	20.76	20.59		
10	16QAM	1	49	20.70	20.47	20.57		
10	16QAM	25	0	20.72	20.74	20.63	22	0
10	16QAM	25	12	20.37	20.73	20.60		
10	16QAM	25	25	20.62	20.48	20.57		
10	16QAM	50	0	20.69	20.79	20.67		
10	64QAM	1	0	20.73	20.72	20.61	22	0
10	64QAM	1	25	20.44	20.70	20.56		
10	64QAM	1	49	20.69	20.45	20.64		
10	64QAM	25	0	20.75	20.77	20.66	22	0
10	64QAM	25	12	20.44	20.75	20.54		
10	64QAM	25	25	20.73	20.48	20.60		
10	64QAM	50	0	20.77	20.77	20.69		
10	256QAM	1	0	18.52	18.28	18.35	20	2
10	256QAM	1	25	18.49	18.47	18.22		
10	256QAM	1	49	18.26	18.44	18.51		
10	256QAM	25	0	18.44	18.32	18.46	20	2
10	256QAM	25	12	18.48	18.44	18.63		
10	256QAM	25	25	18.59	18.58	18.40		
10	256QAM	50	0	18.49	18.42	18.69		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.75	20.82	20.67	22	0
5	QPSK	1	12	20.53	20.69	20.63		
5	QPSK	1	24	20.78	20.52	20.64		
5	QPSK	12	0	20.69	20.75	20.60	22	0
5	QPSK	12	7	20.41	20.70	20.58		
5	QPSK	12	13	20.66	20.45	20.58		
5	QPSK	25	0	20.72	20.73	20.67		
5	16QAM	1	0	20.73	20.72	20.64	22	0
5	16QAM	1	12	20.44	20.74	20.57		
5	16QAM	1	24	20.72	20.47	20.59		
5	16QAM	12	0	20.72	20.74	20.67	22	0
5	16QAM	12	7	20.41	20.76	20.57		
5	16QAM	12	13	20.67	20.44	20.56		
5	16QAM	25	0	20.70	20.79	20.65		
5	64QAM	1	0	20.75	20.70	20.61	22	0
5	64QAM	1	12	20.44	20.70	20.55		
5	64QAM	1	24	20.72	20.47	20.62		
5	64QAM	12	0	20.76	20.77	20.69	22	0
5	64QAM	12	7	20.45	20.73	20.57		
5	64QAM	12	13	20.72	20.44	20.59		
5	64QAM	25	0	20.76	20.73	20.69		
5	256QAM	1	0	18.56	18.21	18.42	20	2
5	256QAM	1	12	18.45	18.41	18.30		
5	256QAM	1	24	18.24	18.49	18.48		
5	256QAM	12	0	18.47	18.30	18.49	20	2
5	256QAM	12	7	18.52	18.46	18.63		
5	256QAM	12	13	18.57	18.58	18.38		
5	256QAM	25	0	18.43	18.40	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	Power Low Middle Ch. /	Power Middle Ch. / Freq.	Power High Middle Ch. /	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	40185	40620	41055	41490		
Frequency (MHz)				2510	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.91	20.98	21.09	21.07	20.88	22	0
20	QPSK	1	49	20.77	20.81	20.92	20.87	20.78		
20	QPSK	1	99	20.82	20.98	20.81	20.86	20.89		
20	QPSK	50	0	20.91	20.98	21.08	21.02	20.82	22	0
20	QPSK	50	24	20.76	20.76	20.84	20.87	20.75		
20	QPSK	50	50	20.77	20.89	20.78	20.85	20.79		
20	QPSK	100	0	20.72	20.78	20.86	20.85	20.68		
20	16QAM	1	0	20.89	21.03	21.08	20.97	20.78	22	0
20	16QAM	1	49	20.80	20.74	20.89	20.89	20.71		
20	16QAM	1	99	20.81	20.93	20.74	20.88	20.78		
20	16QAM	50	0	20.90	20.97	21.04	21.05	20.82	22	0
20	16QAM	50	24	20.71	20.79	20.86	20.85	20.68		
20	16QAM	50	50	20.83	20.90	20.79	20.82	20.87		
20	16QAM	100	0	20.71	20.72	20.91	20.82	20.75		
20	64QAM	1	0	20.93	21.03	21.05	20.97	20.80	22	0
20	64QAM	1	49	20.74	20.80	20.91	20.82	20.76		
20	64QAM	1	99	20.77	20.93	20.70	20.79	20.82		
20	64QAM	50	0	20.71	20.85	20.94	21.08	20.87	22	0
20	64QAM	50	24	20.91	21.04	20.95	20.87	20.78		
20	64QAM	50	50	20.88	20.88	20.77	20.84	20.78		
20	64QAM	100	0	20.98	21.06	20.91	20.92	20.82		
20	256QAM	1	0	18.72	18.78	18.60	18.66	18.63	20	2
20	256QAM	1	49	18.65	18.79	18.72	18.55	18.48		
20	256QAM	1	99	18.43	18.60	18.76	18.79	18.73		
20	256QAM	50	0	18.59	18.66	18.53	18.83	18.70	20	2
20	256QAM	50	24	18.78	18.84	18.76	18.91	18.77		
20	256QAM	50	50	18.74	18.82	18.92	18.69	18.60		
20	256QAM	100	0	18.74	18.73	18.71	18.95	18.77		
Channel				39765	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.89	20.93	21.07	21.03	20.86	22.00	0
15	QPSK	1	37	20.76	20.79	20.88	20.86	20.77		
15	QPSK	1	74	20.78	20.94	20.79	20.84	20.89		
15	QPSK	36	0	20.89	20.95	21.06	20.97	20.76	22	0
15	QPSK	36	20	20.75	20.76	20.78	20.83	20.75		
15	QPSK	36	39	20.76	20.84	20.73	20.82	20.75		
15	QPSK	75	0	20.69	20.72	20.80	20.82	20.68		
15	16QAM	1	0	20.86	21.01	21.04	20.92	20.78	22	0
15	16QAM	1	37	20.78	20.74	20.88	20.85	20.67		
15	16QAM	1	74	20.77	20.90	20.68	20.87	20.76		
15	16QAM	36	0	20.89	20.91	21.02	20.99	20.78	22	0
15	16QAM	36	20	20.66	20.73	20.83	20.84	20.67		
15	16QAM	36	39	20.78	20.85	20.74	20.78	20.83		
15	16QAM	75	0	20.70	20.67	20.90	20.81	20.70		
15	64QAM	1	0	20.90	21.01	21.04	20.93	20.75	22	0
15	64QAM	1	37	20.74	20.77	20.86	20.80	20.71		
15	64QAM	1	74	20.75	20.90	20.69	20.79	20.81		
15	64QAM	36	0	20.63	20.76	20.89	20.97	20.82	22	0
15	64QAM	36	20	20.86	20.98	20.86	20.75	20.72		
15	64QAM	36	39	20.83	20.85	20.70	20.71	20.72		
15	64QAM	75	0	20.87	21.01	20.84	20.86	20.73		
15	256QAM	1	0	18.67	18.68	18.51	18.62	18.54	20	2
15	256QAM	1	37	18.55	18.76	18.62	18.51	18.41		
15	256QAM	1	74	18.38	18.54	18.73	18.74	18.65		
15	256QAM	36	0	18.54	18.61	18.46	18.78	18.62	20	2
15	256QAM	36	20	18.74	18.77	18.72	18.82	18.66		
15	256QAM	36	39	18.66	18.76	18.81	18.62	18.49		
15	256QAM	75	0	18.64	18.67	18.60	18.90	18.64		
Channel				39740	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2547	2593	2639	2685		
10	QPSK	1	0	20.90	20.96	21.07	21.05	20.83	22.00	0
10	QPSK	1	25	20.71	20.80	20.87	20.85	20.73		
10	QPSK	1	49	20.79	20.96	20.79	20.82	20.85		
10	QPSK	25	0	20.86	20.93	21.05	20.96	20.78	22	0
10	QPSK	25	12	20.75	20.70	20.83	20.84	20.75		
10	QPSK	25	25	20.72	20.85	20.75	20.84	20.75		
10	QPSK	50	0	20.66	20.76	20.82	20.81	20.66		
10	16QAM	1	0	20.84	21.00	21.07	20.92	20.76	22	0
10	16QAM	1	25	20.76	20.71	20.87	20.83	20.67		
10	16QAM	1	49	20.76	20.93	20.68	20.85	20.74		
10	16QAM	25	0	20.89	20.93	21.01	21.02	20.80	22	0
10	16QAM	25	12	20.68	20.74	20.82	20.81	20.64		
10	16QAM	25	25	20.79	20.84	20.78	20.79	20.83		
10	16QAM	50	0	20.67	20.71	20.89	20.81	20.69		
10	64QAM	1	0	20.87	21.02	21.03	20.94	20.76	22	0
10	64QAM	1	25	20.70	20.77	20.86	20.79	20.71		
10	64QAM	1	49	20.72	20.89	20.64	20.79	20.80		
10	64QAM	25	0	20.62	20.82	20.88	21.00	20.77	22	0
10	64QAM	25	12	20.88	20.96	20.91	20.81	20.68		
10	64QAM	25	25	20.84	20.82	20.70	20.72	20.66		
10	64QAM	50	0	20.86	20.96	20.87	20.82	20.74		
10	256QAM	1	0	18.63	18.72	18.57	18.58	18.54	20	2
10	256QAM	1	25	18.54	18.74	18.66	18.46	18.40		
10	256QAM	1	49	18.39	18.52	18.66	18.73	18.65		
10	256QAM	25	0	18.47	18.62	18.45	18.74	18.61	20	2
10	256QAM	25	12	18.68	18.71	18.66	18.78	18.64		
10	256QAM	25	25	18.70	18.69	18.84	18.57	18.53		
10	256QAM	50	0	18.67	18.70	18.62	18.91	18.67		
Channel				39715	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.86	20.96	21.09	21.04	20.82	22.00	0
5	QPSK	1	12	20.76	20.81	20.88	20.82	20.76		
5	QPSK	1	24	20.81	20.94	20.81	20.80	20.89		
5	QPSK	12	0	20.86	20.93	21.06	21.00	20.81	22	0
5	QPSK	12	7	20.76	20.70	20.82	20.85	20.74		
5	QPSK	12	13	20.75	20.88	20.75	20.83	20.78		
5	QPSK	25	0	20.68	20.78	20.81	20.82	20.62		
5	16QAM	1	0	20.84	20.98	21.05	20.91	20.77	22	0
5	16QAM	1	12	20.75	20.68	20.87	20.84	20.67		
5	16QAM	1	24	20.76	20.93	20.72	20.88	20.75		
5	16QAM	12	0	20.85	20.95	21.03	21.04	20.76	22	0
5	16QAM	12	7	20.68	20.75	20.81	20.83	20.62		
5	16QAM	12	13	20.81	20.86	20.75	20.81	20.83		
5	16QAM	25	0	20.70	20.68	20.85	20.79	20.70		
5	64QAM	1	0	20.91	21.02	21.04	20.94	20.78	22	0
5	64QAM	1	12	20.72	20.79	20.89	20.76	20.75		
5	64QAM	1	24	20.75	20.88	20.70	20.74	20.80		
5	64QAM	12	0	20.60	20.76	20.82	21.02	20.81	22	0
5	64QAM	12	7	20.85	20.98	20.90	20.83	20.66		
5	64QAM	12	13	20.81	20.76	20.67	20.78	20.73		
5	64QAM	25	0	20.85	21.03	20.83	20.83	20.77		
5	256QAM	1	0	18.63	18.67	18.54	18.54	18.58	20	2
5	256QAM	1	12	18.59	18.72	18.63	18.43	18.40		
5	256QAM	1	24	18.31	18.47	18.63	18.76	18.60		
5	256QAM	12	0	18.51	18.61	18.48	18.73	18.64	20	2
5	256QAM	12	7	18.65	18.75	18.64	18.81	18.72		
5	256QAM	12	13	18.67	18.76	18.88	18.65	18.57		
5	256QAM	25	0	18.63	18.64	18.62	18.86	18.73		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.76	23.86	23.79	25	0
20	QPSK	1	49	23.54	23.69	23.56		
20	QPSK	1	99	23.73	23.58	23.74		
20	QPSK	50	0	22.74	22.85	22.75	24	1
20	QPSK	50	24	22.50	22.49	22.77		
20	QPSK	50	50	22.79	22.47	22.75		
20	QPSK	100	0	22.64	22.75	22.73		
20	16QAM	1	0	22.73	22.65	22.64	24	1
20	16QAM	1	49	22.62	22.53	22.60		
20	16QAM	1	99	22.70	22.77	22.62		
20	16QAM	50	0	21.77	21.59	21.68	23	2
20	16QAM	50	24	21.81	21.51	21.67		
20	16QAM	50	50	21.71	21.67	21.79		
20	16QAM	100	0	21.72	21.53	21.58		
20	64QAM	1	0	21.76	21.70	21.73	23	2
20	64QAM	1	49	21.62	21.61	21.62		
20	64QAM	1	99	21.59	21.57	21.77		
20	64QAM	50	0	20.78	20.74	20.90	22	3
20	64QAM	50	24	20.91	20.81	20.71		
20	64QAM	50	50	20.84	20.53	20.84		
20	64QAM	100	0	20.92	20.89	20.82		
20	256QAM	1	0	18.62	18.53	18.57	20	5
20	256QAM	1	49	18.77	18.59	18.51		
20	256QAM	1	99	18.45	18.59	18.62		
20	256QAM	50	0	18.59	18.47	18.61	20	5
20	256QAM	50	24	18.71	18.68	18.75		
20	256QAM	50	50	18.62	18.64	18.57		
20	256QAM	100	0	18.59	18.64	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.62	23.78	23.64	25	0
15	QPSK	1	37	23.34	23.61	23.39		
15	QPSK	1	74	23.60	23.46	23.60		
15	QPSK	36	0	22.65	22.73	22.66	24	1
15	QPSK	36	20	22.32	22.40	22.60		
15	QPSK	36	39	22.68	22.40	22.55		
15	QPSK	75	0	22.50	22.54	22.58		
15	16QAM	1	0	22.58	22.49	22.45	24	1
15	16QAM	1	37	22.40	22.46	22.48		
15	16QAM	1	74	22.57	22.60	22.50		
15	16QAM	36	0	21.67	21.37	21.54	23	2
15	16QAM	36	20	21.56	21.36	21.48		
15	16QAM	36	39	21.61	21.50	21.59		
15	16QAM	75	0	21.54	21.28	21.43		
15	64QAM	1	0	21.52	21.47	21.61	23	2
15	64QAM	1	37	21.47	21.38	21.55		
15	64QAM	1	74	21.48	21.45	21.64		
15	64QAM	36	0	20.63	20.61	20.74	22	3
15	64QAM	36	20	20.75	20.59	20.53		
15	64QAM	36	39	20.64	20.48	20.68		
15	64QAM	75	0	20.78	20.67	20.65		
15	256QAM	1	0	18.47	18.34	18.35	20	5
15	256QAM	1	37	18.59	18.46	18.28		
15	256QAM	1	74	18.19	18.42	18.56		
15	256QAM	36	0	18.34	18.28	18.49	20	5
15	256QAM	36	20	18.49	18.54	18.57		
15	256QAM	36	39	18.56	18.47	18.33		
15	256QAM	75	0	18.49	18.45	18.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.65	23.77	23.61	25	0
10	QPSK	1	25	23.32	23.56	23.48		
10	QPSK	1	49	23.67	23.48	23.56		
10	QPSK	25	0	22.63	22.71	22.65	24	1
10	QPSK	25	12	22.32	22.36	22.57		
10	QPSK	25	25	22.62	22.42	22.53		
10	QPSK	50	0	22.58	22.53	22.59		
10	16QAM	1	0	22.59	22.51	22.43	24	1
10	16QAM	1	25	22.42	22.44	22.53		
10	16QAM	1	49	22.56	22.62	22.56		
10	16QAM	25	0	21.62	21.37	21.53	23	2
10	16QAM	25	12	21.61	21.35	21.46		
10	16QAM	25	25	21.55	21.53	21.71		
10	16QAM	50	0	21.57	21.38	21.52		
10	64QAM	1	0	21.57	21.55	21.65	23	2
10	64QAM	1	25	21.44	21.42	21.46		
10	64QAM	1	49	21.44	21.51	21.70		
10	64QAM	25	0	20.61	20.55	20.76	22	3
10	64QAM	25	12	20.82	20.68	20.56		
10	64QAM	25	25	20.66	20.38	20.68		
10	64QAM	50	0	20.72	20.72	20.61		
10	256QAM	1	0	18.51	18.41	18.42	20	5
10	256QAM	1	25	18.58	18.39	18.35		
10	256QAM	1	49	18.21	18.46	18.49		
10	256QAM	25	0	18.34	18.34	18.42	20	5
10	256QAM	25	12	18.49	18.46	18.61		
10	256QAM	25	25	18.49	18.54	18.35		
10	256QAM	50	0	18.46	18.41	18.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.67	23.71	23.64	25	0
5	QPSK	1	12	23.38	23.60	23.44		
5	QPSK	1	24	23.59	23.46	23.50		
5	QPSK	12	0	22.55	22.62	22.70	24	1
5	QPSK	12	7	22.30	22.41	22.58		
5	QPSK	12	13	22.61	22.40	22.54		
5	QPSK	25	0	22.58	22.54	22.58		
5	16QAM	1	0	22.63	22.49	22.50	24	1
5	16QAM	1	12	22.46	22.38	22.53		
5	16QAM	1	24	22.61	22.54	22.50		
5	16QAM	12	0	21.67	21.40	21.58	23	2
5	16QAM	12	7	21.60	21.36	21.51		
5	16QAM	12	13	21.60	21.47	21.67		
5	16QAM	25	0	21.60	21.33	21.43		
5	64QAM	1	0	21.60	21.50	21.68	23	2
5	64QAM	1	12	21.47	21.40	21.46		
5	64QAM	1	24	21.44	21.49	21.62		
5	64QAM	12	0	20.61	20.61	20.75	22	3
5	64QAM	12	7	20.80	20.63	20.56		
5	64QAM	12	13	20.68	20.44	20.61		
5	64QAM	25	0	20.80	20.74	20.56		
5	256QAM	1	0	18.51	18.30	18.40	20	5
5	256QAM	1	12	18.62	18.44	18.27		
5	256QAM	1	24	18.30	18.39	18.56		
5	256QAM	12	0	18.40	18.27	18.49	20	5
5	256QAM	12	7	18.56	18.51	18.56		
5	256QAM	12	13	18.50	18.49	18.31		
5	256QAM	25	0	18.51	18.39	18.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.69	23.71	23.64	25	0
3	QPSK	1	8	23.41	23.58	23.42		
3	QPSK	1	14	23.63	23.43	23.53		
3	QPSK	8	0	22.64	22.63	22.67	24	1
3	QPSK	8	4	22.42	22.36	22.60		
3	QPSK	8	7	22.67	22.33	22.51		
3	QPSK	15	0	22.58	22.53	22.60		
3	16QAM	1	0	22.54	22.52	22.52	24	1
3	16QAM	1	8	22.48	22.40	22.55		
3	16QAM	1	14	22.51	22.62	22.51		
3	16QAM	8	0	21.65	21.40	21.54	23	2
3	16QAM	8	4	21.56	21.42	21.44		
3	16QAM	8	7	21.58	21.50	21.68		
3	16QAM	15	0	21.61	21.29	21.47		
3	64QAM	1	0	21.52	21.52	21.64	23	2
3	64QAM	1	8	21.45	21.43	21.51		
3	64QAM	1	14	21.54	21.46	21.61		
3	64QAM	8	0	20.59	20.59	20.82	22	3
3	64QAM	8	4	20.82	20.65	20.58		
3	64QAM	8	7	20.71	20.41	20.70		
3	64QAM	15	0	20.82	20.68	20.58		
3	256QAM	1	0	18.51	18.40	18.41	20	5
3	256QAM	1	8	18.53	18.42	18.32		
3	256QAM	1	14	18.26	18.40	18.48		
3	256QAM	8	0	18.41	18.30	18.47	20	5
3	256QAM	8	4	18.56	18.54	18.59		
3	256QAM	8	7	18.48	18.55	18.33		
3	256QAM	15	0	18.42	18.38	18.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.70	23.77	23.64	25	0
1.4	QPSK	1	3	23.41	23.59	23.46		
1.4	QPSK	1	5	23.68	23.44	23.58		
1.4	QPSK	3	0	22.66	22.70	22.65	24	1
1.4	QPSK	3	1	22.42	22.36	22.55		
1.4	QPSK	3	3	22.69	22.37	22.52		
1.4	QPSK	6	0	22.57	22.57	22.54		
1.4	16QAM	1	0	22.58	22.51	22.45	24	1
1.4	16QAM	1	3	22.43	22.43	22.44		
1.4	16QAM	1	5	22.59	22.59	22.55		
1.4	16QAM	3	0	21.68	21.46	21.52	23	2
1.4	16QAM	3	1	21.60	21.35	21.46		
1.4	16QAM	3	3	21.55	21.52	21.69		
1.4	16QAM	6	0	21.56	21.37	21.48		
1.4	64QAM	1	0	21.58	21.52	21.66	23	2
1.4	64QAM	1	3	21.45	21.38	21.56		
1.4	64QAM	1	5	21.46	21.43	21.71		
1.4	64QAM	3	0	20.58	20.61	20.80	22	3
1.4	64QAM	3	1	20.76	20.67	20.53		
1.4	64QAM	3	3	20.70	20.43	20.64		
1.4	64QAM	6	0	20.78	20.72	20.63		
1.4	256QAM	1	0	18.52	18.32	18.43	20	5
1.4	256QAM	1	3	18.57	18.42	18.32		
1.4	256QAM	1	5	18.30	18.42	18.53		
1.4	256QAM	3	0	18.33	18.34	18.41	20	5
1.4	256QAM	3	1	18.52	18.48	18.58		
1.4	256QAM	3	3	18.51	18.54	18.32		
1.4	256QAM	6	0	18.46	18.42	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.19	24.31	24.30	25	0
20	QPSK	1	49	23.97	24.17	24.02		
20	QPSK	1	99	24.12	24.07	24.04		
20	QPSK	50	0	23.28	23.30	23.20	24	1
20	QPSK	50	24	23.04	23.05	23.18		
20	QPSK	50	50	23.19	23.06	23.16		
20	QPSK	100	0	23.16	23.22	23.12		
20	16QAM	1	0	23.22	23.08	23.12	24	1
20	16QAM	1	49	23.08	23.06	23.11		
20	16QAM	1	99	23.06	23.23	23.03		
20	16QAM	50	0	22.24	22.09	22.18	23	2
20	16QAM	50	24	22.28	22.10	22.07		
20	16QAM	50	50	22.19	22.16	22.29		
20	16QAM	100	0	22.18	21.98	22.03		
20	64QAM	1	0	22.25	22.18	22.20	23	2
20	64QAM	1	49	22.02	22.05	22.13		
20	64QAM	1	99	22.02	22.14	22.23		
20	64QAM	50	0	21.17	21.17	21.38	22	3
20	64QAM	50	24	21.35	21.24	21.23		
20	64QAM	50	50	21.25	21.01	21.18		
20	64QAM	100	0	21.38	21.26	21.26		
20	256QAM	1	0	19.21	18.86	19.02	20	5
20	256QAM	1	49	19.14	19.01	18.92		
20	256QAM	1	99	18.89	19.11	19.15		
20	256QAM	50	0	18.97	18.85	19.11	20	5
20	256QAM	50	24	19.06	19.00	19.20		
20	256QAM	50	50	19.04	19.18	18.92		
20	256QAM	100	0	19.03	18.97	19.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.14	24.29	24.19	25	0
15	QPSK	1	37	23.89	24.11	23.91		
15	QPSK	1	74	24.06	23.99	23.98		
15	QPSK	36	0	23.15	23.20	23.14	24	1
15	QPSK	36	20	22.96	22.99	23.12		
15	QPSK	36	39	23.08	23.01	23.09		
15	QPSK	75	0	23.04	23.15	23.01		
15	16QAM	1	0	23.12	23.00	23.05	24	1
15	16QAM	1	37	23.00	22.94	23.01		
15	16QAM	1	74	22.97	23.19	22.99		
15	16QAM	36	0	22.12	22.05	22.07	23	2
15	16QAM	36	20	22.24	21.97	22.04		
15	16QAM	36	39	22.15	22.10	22.24		
15	16QAM	75	0	22.12	21.94	21.92		
15	64QAM	1	0	22.20	22.05	22.15	23	2
15	64QAM	1	37	21.96	22.00	22.01		
15	64QAM	1	74	21.92	22.11	22.14		
15	64QAM	36	0	21.06	21.13	21.29	22	3
15	64QAM	36	20	21.23	21.20	21.17		
15	64QAM	36	39	21.13	20.97	21.06		
15	64QAM	75	0	21.31	21.22	21.20		
15	256QAM	1	0	19.16	18.77	18.95	20	5
15	256QAM	1	37	19.09	18.91	18.88		
15	256QAM	1	74	18.84	18.98	19.09		
15	256QAM	36	0	18.85	18.75	19.05	20	5
15	256QAM	36	20	18.95	18.92	19.16		
15	256QAM	36	39	18.96	19.07	18.85		
15	256QAM	75	0	18.97	18.85	19.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.11	24.22	24.21	25	0
10	QPSK	1	25	23.87	24.07	23.90		
10	QPSK	1	49	24.02	24.00	23.93		
10	QPSK	25	0	23.21	23.18	23.15	24	1
10	QPSK	25	12	22.99	22.93	23.09		
10	QPSK	25	25	23.13	22.97	23.10		
10	QPSK	50	0	23.08	23.11	23.06		
10	16QAM	1	0	23.14	22.99	23.06	24	1
10	16QAM	1	25	23.01	23.01	22.99		
10	16QAM	1	49	22.97	23.10	22.91		
10	16QAM	25	0	22.12	22.05	22.11	23	2
10	16QAM	25	12	22.20	22.00	21.94		
10	16QAM	25	25	22.12	22.04	22.23		
10	16QAM	50	0	22.08	21.91	21.94		
10	64QAM	1	0	22.21	22.14	22.10	23	2
10	64QAM	1	25	21.90	21.99	22.05		
10	64QAM	1	49	21.92	22.07	22.12		
10	64QAM	25	0	21.13	21.06	21.27	22	3
10	64QAM	25	12	21.23	21.14	21.17		
10	64QAM	25	25	21.16	20.88	21.14		
10	64QAM	50	0	21.26	21.15	21.20		
10	256QAM	1	0	19.16	18.82	18.89	20	5
10	256QAM	1	25	19.07	18.93	18.88		
10	256QAM	1	49	18.78	19.07	19.06		
10	256QAM	25	0	18.93	18.78	19.01	20	5
10	256QAM	25	12	19.02	18.93	19.14		
10	256QAM	25	25	18.97	19.12	18.85		
10	256QAM	50	0	18.92	18.84	19.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.10	24.30	24.24	25	0
5	QPSK	1	12	23.85	24.14	23.90		
5	QPSK	1	24	24.01	23.99	23.93		
5	QPSK	12	0	23.23	23.23	23.08	24	1
5	QPSK	12	7	22.95	22.96	23.11		
5	QPSK	12	13	23.08	22.98	23.06		
5	QPSK	25	0	23.10	23.12	23.06		
5	16QAM	1	0	23.18	23.04	23.05	24	1
5	16QAM	1	12	22.97	23.02	23.06		
5	16QAM	1	24	23.02	23.11	22.95		
5	16QAM	12	0	22.14	22.05	22.11	23	2
5	16QAM	12	7	22.15	21.97	22.00		
5	16QAM	12	13	22.07	22.09	22.18		
5	16QAM	25	0	22.08	21.87	21.95		
5	64QAM	1	0	22.15	22.11	22.09	23	2
5	64QAM	1	12	21.90	22.01	22.00		
5	64QAM	1	24	21.92	22.02	22.11		
5	64QAM	12	0	21.09	21.10	21.27	22	3
5	64QAM	12	7	21.25	21.18	21.18		
5	64QAM	12	13	21.18	20.93	21.06		
5	64QAM	25	0	21.25	21.14	21.23		
5	256QAM	1	0	19.10	18.78	18.97	20	5
5	256QAM	1	12	19.06	18.90	18.80		
5	256QAM	1	24	18.84	19.05	19.08		
5	256QAM	12	0	18.93	18.72	19.00	20	5
5	256QAM	12	7	18.97	18.96	19.07		
5	256QAM	12	13	18.93	19.08	18.79		
5	256QAM	25	0	18.94	18.93	19.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.06	24.25	24.19	25	0
3	QPSK	1	8	23.85	24.09	23.97		
3	QPSK	1	14	24.04	23.95	23.95		
3	QPSK	8	0	23.17	23.26	23.14	24	1
3	QPSK	8	4	22.94	22.95	23.13		
3	QPSK	8	7	23.12	22.96	23.08		
3	QPSK	15	0	23.05	23.15	23.02		
3	16QAM	1	0	23.18	23.03	23.05	24	1
3	16QAM	1	8	23.04	22.96	22.98		
3	16QAM	1	14	23.03	23.18	22.90		
3	16QAM	8	0	22.21	21.97	22.12	23	2
3	16QAM	8	4	22.23	22.01	21.98		
3	16QAM	8	7	22.11	22.08	22.25		
3	16QAM	15	0	22.14	21.87	21.92		
3	64QAM	1	0	22.21	22.08	22.14	23	2
3	64QAM	1	8	21.94	21.93	22.10		
3	64QAM	1	14	21.89	22.03	22.16		
3	64QAM	8	0	21.09	21.10	21.30	22	3
3	64QAM	8	4	21.26	21.11	21.20		
3	64QAM	8	7	21.16	20.89	21.13		
3	64QAM	15	0	21.34	21.16	21.13		
3	256QAM	1	0	19.16	18.81	18.95	20	5
3	256QAM	1	8	19.08	18.98	18.89		
3	256QAM	1	14	18.78	18.99	19.12		
3	256QAM	8	0	18.88	18.82	19.05	20	5
3	256QAM	8	4	18.96	18.95	19.14		
3	256QAM	8	7	18.98	19.06	18.81		
3	256QAM	15	0	18.93	18.93	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.22	24.21	25	0
1.4	QPSK	1	3	23.92	24.07	23.92		
1.4	QPSK	1	5	24.02	24.04	23.98		
1.4	QPSK	3	0	23.21	23.21	23.13	24	1
1.4	QPSK	3	1	22.99	22.95	23.12		
1.4	QPSK	3	3	23.15	22.95	23.08		
1.4	QPSK	6	0	23.04	23.15	23.01		
1.4	16QAM	1	0	23.19	23.02	23.02	24	1
1.4	16QAM	1	3	22.96	23.03	23.08		
1.4	16QAM	1	5	22.97	23.14	22.96		
1.4	16QAM	3	0	22.20	22.00	22.14	23	2
1.4	16QAM	3	1	22.18	22.04	22.01		
1.4	16QAM	3	3	22.09	22.06	22.25		
1.4	16QAM	6	0	22.13	21.95	21.97		
1.4	64QAM	1	0	22.16	22.13	22.08	23	2
1.4	64QAM	1	3	21.93	21.92	22.08		
1.4	64QAM	1	5	21.93	22.04	22.18		
1.4	64QAM	3	0	21.08	21.12	21.33	22	3
1.4	64QAM	3	1	21.29	21.18	21.13		
1.4	64QAM	3	3	21.19	20.90	21.12		
1.4	64QAM	6	0	21.27	21.20	21.22		
1.4	256QAM	1	0	19.08	18.76	18.96	20	5
1.4	256QAM	1	3	19.05	18.98	18.80		
1.4	256QAM	1	5	18.82	19.03	19.08		
1.4	256QAM	3	0	18.86	18.76	18.98	20	5
1.4	256QAM	3	1	18.94	18.87	19.15		
1.4	256QAM	3	3	18.96	19.14	18.83		
1.4	256QAM	6	0	18.98	18.87	19.18		

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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	23.67	23.80	23.78	25	0
20	QPSK	1	49	23.46	23.56	23.54		
20	QPSK	1	99	23.66	23.50	23.54		
20	QPSK	50	0	22.74	22.79	22.72	24	1
20	QPSK	50	24	22.44	22.48	22.64		
20	QPSK	50	50	22.71	22.49	22.65		
20	QPSK	100	0	22.62	22.71	22.62		
20	16QAM	1	0	22.71	22.61	22.54	24	1
20	16QAM	1	49	22.58	22.60	22.58		
20	16QAM	1	99	22.62	22.70	22.49		
20	16QAM	50	0	21.72	21.51	21.68	23	2
20	16QAM	50	24	21.72	21.51	21.57		
20	16QAM	50	50	21.57	21.59	21.67		
20	16QAM	100	0	21.58	21.44	21.52		
20	64QAM	1	0	21.63	21.59	21.59	23	2
20	64QAM	1	49	21.56	21.51	21.56		
20	64QAM	1	99	21.53	21.51	21.72		
20	64QAM	50	0	20.69	20.69	20.86	22	3
20	64QAM	50	24	20.76	20.71	20.62		
20	64QAM	50	50	20.68	20.49	20.65		
20	64QAM	100	0	20.79	20.71	20.75		
20	256QAM	1	0	18.63	18.33	18.41	20	5
20	256QAM	1	49	18.58	18.46	18.38		
20	256QAM	1	99	18.36	18.58	18.54		
20	256QAM	50	0	18.45	18.34	18.55	20	5
20	256QAM	50	24	18.58	18.48	18.65		
20	256QAM	50	50	18.57	18.61	18.41		
20	256QAM	100	0	18.55	18.46	18.70		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.62	23.75	23.73	25	0
15	QPSK	1	37	23.40	23.51	23.41		
15	QPSK	1	74	23.61	23.44	23.51		
15	QPSK	36	0	22.69	22.66	22.65	24	1
15	QPSK	36	20	22.36	22.43	22.55		
15	QPSK	36	39	22.58	22.36	22.56		
15	QPSK	75	0	22.53	22.62	22.54		
15	16QAM	1	0	22.62	22.54	22.47	24	1
15	16QAM	1	37	22.49	22.48	22.45		
15	16QAM	1	74	22.52	22.64	22.38		
15	16QAM	36	0	21.64	21.43	21.61	23	2
15	16QAM	36	20	21.62	21.47	21.48		
15	16QAM	36	39	21.48	21.53	21.57		
15	16QAM	75	0	21.53	21.37	21.43		
15	64QAM	1	0	21.52	21.53	21.47	23	2
15	64QAM	1	37	21.51	21.43	21.46		
15	64QAM	1	74	21.43	21.47	21.62		
15	64QAM	36	0	20.65	20.61	20.80	22	3
15	64QAM	36	20	20.65	20.61	20.57		
15	64QAM	36	39	20.59	20.41	20.57		
15	64QAM	75	0	20.74	20.65	20.68		
15	256QAM	1	0	18.59	18.22	18.36	20	5
15	256QAM	1	37	18.50	18.42	18.28		
15	256QAM	1	74	18.30	18.55	18.44		
15	256QAM	36	0	18.33	18.27	18.45	20	5
15	256QAM	36	20	18.52	18.37	18.57		
15	256QAM	36	39	18.53	18.55	18.34		
15	256QAM	75	0	18.44	18.38	18.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.62	23.77	23.67	25	0
10	QPSK	1	25	23.43	23.44	23.47		
10	QPSK	1	49	23.55	23.44	23.43		
10	QPSK	25	0	22.70	22.73	22.65	24	1
10	QPSK	25	12	22.40	22.43	22.54		
10	QPSK	25	25	22.63	22.42	22.56		
10	QPSK	50	0	22.55	22.65	22.51		
10	16QAM	1	0	22.62	22.52	22.50	24	1
10	16QAM	1	25	22.54	22.55	22.53		
10	16QAM	1	49	22.53	22.57	22.43		
10	16QAM	25	0	21.68	21.45	21.65	23	2
10	16QAM	25	12	21.68	21.47	21.50		
10	16QAM	25	25	21.54	21.53	21.59		
10	16QAM	50	0	21.48	21.31	21.47		
10	64QAM	1	0	21.52	21.50	21.54	23	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.41	21.43	21.66		
10	64QAM	25	0	20.64	20.66	20.79	22	3
10	64QAM	25	12	20.65	20.68	20.57		
10	64QAM	25	25	20.62	20.43	20.61		
10	64QAM	50	0	20.76	20.68	20.64		
10	256QAM	1	0	18.56	18.24	18.34	20	5
10	256QAM	1	25	18.50	18.36	18.32		
10	256QAM	1	49	18.30	18.48	18.48		
10	256QAM	25	0	18.41	18.29	18.51	20	5
10	256QAM	25	12	18.46	18.45	18.60		
10	256QAM	25	25	18.52	18.53	18.34		
10	256QAM	50	0	18.42	18.38	18.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.61	23.75	23.72	25	0
5	QPSK	1	12	23.38	23.45	23.48		
5	QPSK	1	24	23.61	23.39	23.43		
5	QPSK	12	0	22.68	22.68	22.67	24	1
5	QPSK	12	7	22.40	22.37	22.61		
5	QPSK	12	13	22.66	22.43	22.53		
5	QPSK	25	0	22.57	22.60	22.52		
5	16QAM	1	0	22.64	22.52	22.43	24	1
5	16QAM	1	12	22.48	22.49	22.53		
5	16QAM	1	24	22.56	22.63	22.39		
5	16QAM	12	0	21.63	21.39	21.59	23	2
5	16QAM	12	7	21.64	21.47	21.54		
5	16QAM	12	13	21.46	21.52	21.59		
5	16QAM	25	0	21.45	21.36	21.45		
5	64QAM	1	0	21.53	21.53	21.53	23	2
5	64QAM	1	12	21.45	21.42	21.49		
5	64QAM	1	24	21.49	21.47	21.68		
5	64QAM	12	0	20.56	20.65	20.79	22	3
5	64QAM	12	7	20.72	20.60	20.54		
5	64QAM	12	13	20.59	20.45	20.62		
5	64QAM	25	0	20.70	20.61	20.66		
5	256QAM	1	0	18.60	18.22	18.34	20	5
5	256QAM	1	12	18.54	18.36	18.28		
5	256QAM	1	24	18.32	18.46	18.42		
5	256QAM	12	0	18.40	18.21	18.52	20	5
5	256QAM	12	7	18.54	18.44	18.55		
5	256QAM	12	13	18.48	18.50	18.33		
5	256QAM	25	0	18.48	18.34	18.58		

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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	23.98	24.03	23.95	25	0
20	QPSK	1	49	23.68	23.82	23.76		
20	QPSK	1	99	23.88	23.78	23.74		
20	QPSK	50	0	22.94	23.02	22.93	24	1
20	QPSK	50	24	22.72	22.74	22.90		
20	QPSK	50	50	22.96	22.74	22.85		
20	QPSK	100	0	22.84	22.92	22.89		
20	16QAM	1	0	22.95	22.79	22.79	24	1
20	16QAM	1	49	22.82	22.86	22.90		
20	16QAM	1	99	22.86	22.90	22.79		
20	16QAM	50	0	21.95	21.75	22.00	23	2
20	16QAM	50	24	21.93	21.78	21.82		
20	16QAM	50	50	21.88	21.79	21.97		
20	16QAM	100	0	21.90	21.73	21.70		
20	64QAM	1	0	21.99	21.81	21.93	23	2
20	64QAM	1	49	21.77	21.77	21.81		
20	64QAM	1	99	21.82	21.79	21.95		
20	64QAM	50	0	20.90	20.90	21.06	22	3
20	64QAM	50	24	21.11	21.02	20.87		
20	64QAM	50	50	20.91	20.74	20.88		
20	64QAM	100	0	21.03	20.94	20.90		
20	256QAM	1	0	18.84	18.58	18.65	20	5
20	256QAM	1	49	18.81	18.75	18.60		
20	256QAM	1	99	18.53	18.84	18.87		
20	256QAM	50	0	18.69	18.62	18.84	20	5
20	256QAM	50	24	18.88	18.73	18.86		
20	256QAM	50	50	18.85	18.92	18.74		
20	256QAM	100	0	18.74	18.69	18.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.89	23.94	23.89	25	0
15	QPSK	1	37	23.64	23.78	23.64		
15	QPSK	1	74	23.77	23.70	23.63		
15	QPSK	36	0	22.88	22.90	22.86	24	1
15	QPSK	36	20	22.61	22.67	22.81		
15	QPSK	36	39	22.84	22.68	22.81		
15	QPSK	75	0	22.74	22.79	22.79		
15	16QAM	1	0	22.89	22.74	22.68	24	1
15	16QAM	1	37	22.77	22.81	22.78		
15	16QAM	1	74	22.77	22.79	22.72		
15	16QAM	36	0	21.82	21.63	21.97	23	2
15	16QAM	36	20	21.85	21.69	21.72		
15	16QAM	36	39	21.79	21.67	21.91		
15	16QAM	75	0	21.78	21.63	21.60		
15	64QAM	1	0	21.87	21.70	21.84	23	2
15	64QAM	1	37	21.73	21.74	21.70		
15	64QAM	1	74	21.77	21.68	21.85		
15	64QAM	36	0	20.83	20.86	21.01	22	3
15	64QAM	36	20	21.08	20.92	20.83		
15	64QAM	36	39	20.88	20.65	20.77		
15	64QAM	75	0	20.93	20.88	20.82		
15	256QAM	1	0	18.79	18.47	18.53	20	5
15	256QAM	1	37	18.74	18.69	18.49		
15	256QAM	1	74	18.40	18.74	18.79		
15	256QAM	36	0	18.60	18.58	18.78	20	5
15	256QAM	36	20	18.81	18.60	18.77		
15	256QAM	36	39	18.78	18.88	18.61		
15	256QAM	75	0	18.71	18.60	18.87		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.90	23.93	23.86	25	0
10	QPSK	1	25	23.56	23.78	23.64		
10	QPSK	1	49	23.81	23.70	23.69		
10	QPSK	25	0	22.90	22.96	22.82	24	1
10	QPSK	25	12	22.67	22.68	22.78		
10	QPSK	25	25	22.83	22.61	22.75		
10	QPSK	50	0	22.72	22.81	22.78		
10	16QAM	1	0	22.86	22.67	22.66	24	1
10	16QAM	1	25	22.73	22.81	22.82		
10	16QAM	1	49	22.82	22.78	22.76		
10	16QAM	25	0	21.88	21.70	21.88	23	2
10	16QAM	25	12	21.89	21.72	21.76		
10	16QAM	25	25	21.80	21.71	21.86		
10	16QAM	50	0	21.84	21.65	21.60		
10	64QAM	1	0	21.94	21.73	21.88	23	2
10	64QAM	1	25	21.65	21.65	21.69		
10	64QAM	1	49	21.74	21.76	21.88		
10	64QAM	25	0	20.78	20.86	20.97	22	3
10	64QAM	25	12	21.08	20.92	20.81		
10	64QAM	25	25	20.84	20.68	20.80		
10	64QAM	50	0	20.97	20.83	20.86		
10	256QAM	1	0	18.80	18.50	18.60	20	5
10	256QAM	1	25	18.73	18.69	18.47		
10	256QAM	1	49	18.40	18.75	18.79		
10	256QAM	25	0	18.58	18.58	18.73	20	5
10	256QAM	25	12	18.81	18.64	18.79		
10	256QAM	25	25	18.75	18.85	18.66		
10	256QAM	50	0	18.63	18.61	18.85		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.86	23.93	23.84	25	0
5	QPSK	1	12	23.65	23.78	23.66		
5	QPSK	1	24	23.75	23.72	23.68		
5	QPSK	12	0	22.85	22.91	22.84	24	1
5	QPSK	12	7	22.65	22.70	22.77		
5	QPSK	12	13	22.83	22.69	22.77		
5	QPSK	25	0	22.80	22.88	22.85		
5	16QAM	1	0	22.88	22.70	22.69	24	1
5	16QAM	1	12	22.70	22.78	22.77		
5	16QAM	1	24	22.76	22.78	22.69		
5	16QAM	12	0	21.85	21.71	21.93	23	2
5	16QAM	12	7	21.86	21.72	21.73		
5	16QAM	12	13	21.79	21.70	21.92		
5	16QAM	25	0	21.78	21.60	21.66		
5	64QAM	1	0	21.93	21.75	21.87	23	2
5	64QAM	1	12	21.73	21.69	21.68		
5	64QAM	1	24	21.77	21.73	21.87		
5	64QAM	12	0	20.78	20.86	21.01	22	3
5	64QAM	12	7	21.07	20.91	20.80		
5	64QAM	12	13	20.82	20.69	20.77		
5	64QAM	25	0	20.99	20.86	20.79		
5	256QAM	1	0	18.72	18.52	18.56	20	5
5	256QAM	1	12	18.78	18.71	18.56		
5	256QAM	1	24	18.42	18.80	18.75		
5	256QAM	12	0	18.58	18.55	18.73	20	5
5	256QAM	12	7	18.78	18.61	18.74		
5	256QAM	12	13	18.78	18.88	18.61		
5	256QAM	25	0	18.71	18.60	18.86		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.86	23.93	23.85	25	0
3	QPSK	1	8	23.63	23.73	23.65		
3	QPSK	1	14	23.81	23.66	23.67		
3	QPSK	8	0	22.85	22.99	22.87	24	1
3	QPSK	8	4	22.59	22.62	22.80		
3	QPSK	8	7	22.89	22.68	22.76		
3	QPSK	15	0	22.73	22.86	22.85		
3	16QAM	1	0	22.82	22.73	22.67	24	1
3	16QAM	1	8	22.71	22.79	22.80		
3	16QAM	1	14	22.81	22.84	22.72		
3	16QAM	8	0	21.85	21.65	21.91	23	2
3	16QAM	8	4	21.81	21.70	21.71		
3	16QAM	8	7	21.80	21.74	21.92		
3	16QAM	15	0	21.87	21.64	21.58		
3	64QAM	1	0	21.92	21.71	21.82	23	2
3	64QAM	1	8	21.69	21.72	21.77		
3	64QAM	1	14	21.77	21.76	21.90		
3	64QAM	8	0	20.79	20.84	20.98	22	3
3	64QAM	8	4	21.04	20.99	20.78		
3	64QAM	8	7	20.80	20.65	20.79		
3	64QAM	15	0	20.98	20.88	20.84		
3	256QAM	1	0	18.71	18.46	18.54	20	5
3	256QAM	1	8	18.69	18.63	18.51		
3	256QAM	1	14	18.48	18.73	18.76		
3	256QAM	8	0	18.57	18.51	18.76	20	5
3	256QAM	8	4	18.79	18.65	18.78		
3	256QAM	8	7	18.79	18.80	18.61		
3	256QAM	15	0	18.65	18.60	18.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.93	23.90	23.88	25	0
1.4	QPSK	1	3	23.64	23.78	23.73		
1.4	QPSK	1	5	23.82	23.66	23.65		
1.4	QPSK	3	0	22.86	22.96	22.89	24	1
1.4	QPSK	3	1	22.64	22.70	22.82		
1.4	QPSK	3	3	22.88	22.63	22.79		
1.4	QPSK	6	0	22.75	22.85	22.82		
1.4	16QAM	1	0	22.92	22.69	22.67	24	1
1.4	16QAM	1	3	22.76	22.81	22.84		
1.4	16QAM	1	5	22.75	22.84	22.69		
1.4	16QAM	3	0	21.91	21.68	21.96	23	2
1.4	16QAM	3	1	21.84	21.71	21.70		
1.4	16QAM	3	3	21.81	21.75	21.93		
1.4	16QAM	6	0	21.84	21.69	21.60		
1.4	64QAM	1	0	21.86	21.70	21.84	23	2
1.4	64QAM	1	3	21.64	21.70	21.72		
1.4	64QAM	1	5	21.77	21.73	21.89		
1.4	64QAM	3	0	20.81	20.84	21.01	22	3
1.4	64QAM	3	1	21.00	20.94	20.83		
1.4	64QAM	3	3	20.78	20.65	20.75		
1.4	64QAM	6	0	20.93	20.82	20.86		
1.4	256QAM	1	0	18.73	18.50	18.53	20	5
1.4	256QAM	1	3	18.77	18.68	18.53		
1.4	256QAM	1	5	18.41	18.74	18.80		
1.4	256QAM	3	0	18.61	18.55	18.78	20	5
1.4	256QAM	3	1	18.80	18.64	18.73		
1.4	256QAM	3	3	18.77	18.86	18.62		
1.4	256QAM	6	0	18.68	18.58	18.89		

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.17		23	1
10	QPSK	25	12		22.06			
10	QPSK	25	25		22.11			
10	QPSK	50	0		22.15			
10	16QAM	1	0		22.30		23	1
10	16QAM	1	25		22.03			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.17		22	2
10	16QAM	25	12		21.03			
10	16QAM	25	25		20.98			
10	16QAM	50	0		21.09			
10	64QAM	1	0		21.26		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.16			
10	64QAM	25	0		20.15		21	3
10	64QAM	25	12		20.04			
10	64QAM	25	25		19.98			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.30		19	5
10	256QAM	1	25		18.15			
10	256QAM	1	49		18.25			
10	256QAM	25	0		18.16		19	5
10	256QAM	25	12		18.13			
10	256QAM	25	25		18.32			
10	256QAM	50	0		18.14			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.06	23.06	23.10	24	0
5	QPSK	1	12	22.89	22.90	22.94		
5	QPSK	1	24	23.02	22.98	23.04		
5	QPSK	12	0	22.11	22.04	22.09	23	1
5	QPSK	12	7	21.98	22.02	21.99		
5	QPSK	12	13	22.02	21.98	21.98		
5	QPSK	25	0	22.11	22.10	22.03		
5	16QAM	1	0	22.26	22.21	22.25	23	1
5	16QAM	1	12	21.94	21.94	21.96		
5	16QAM	1	24	22.02	22.05	21.97		
5	16QAM	12	0	21.06	21.04	21.11	22	2
5	16QAM	12	7	20.91	20.94	20.95		
5	16QAM	12	13	20.90	20.88	20.87		
5	16QAM	25	0	20.99	21.05	21.00		
5	64QAM	1	0	21.14	21.20	21.14	22	2
5	64QAM	1	12	21.18	21.17	21.12		
5	64QAM	1	24	21.07	21.12	21.06		
5	64QAM	12	0	20.06	20.10	20.07	21	3
5	64QAM	12	7	19.97	20.01	19.98		
5	64QAM	12	13	19.85	19.93	19.90		
5	64QAM	25	0	20.02	19.98	19.98		
5	256QAM	1	0	18.21	18.17	18.25	19	5
5	256QAM	1	12	18.05	18.03	18.10		
5	256QAM	1	24	18.12	18.20	18.14		
5	256QAM	12	0	18.12	18.04	18.09	19	5
5	256QAM	12	7	18.01	18.01	18.03		
5	256QAM	12	13	18.23	18.22	18.21		
5	256QAM	25	0	18.11	18.09	18.05		

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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	24.23	24.33	24.31	25	0
20	QPSK	1	49	24.01	24.22	24.12		
20	QPSK	1	99	24.22	24.00	24.14		
20	QPSK	50	0	23.22	23.28	23.26	24	1
20	QPSK	50	24	23.01	23.02	23.19		
20	QPSK	50	50	23.25	23.06	23.17		
20	QPSK	100	0	23.20	23.26	23.18		
20	16QAM	1	0	23.26	23.18	23.12	24	1
20	16QAM	1	49	23.09	23.07	23.19		
20	16QAM	1	99	23.13	23.26	23.11		
20	16QAM	50	0	22.28	22.10	22.25	23	2
20	16QAM	50	24	22.27	22.04	22.08		
20	16QAM	50	50	22.16	22.20	22.21		
20	16QAM	100	0	22.19	22.02	22.13		
20	64QAM	1	0	22.29	22.19	22.27	23	2
20	64QAM	1	49	22.07	22.07	22.22		
20	64QAM	1	99	22.10	22.09	22.26		
20	64QAM	50	0	21.29	21.29	21.32	22	3
20	64QAM	50	24	21.40	21.25	21.19		
20	64QAM	50	50	21.34	21.04	21.23		
20	64QAM	100	0	21.36	21.29	21.24		
20	256QAM	1	0	19.15	18.94	19.07	20	5
20	256QAM	1	49	19.12	19.04	18.87		
20	256QAM	1	99	18.86	19.06	19.11		
20	256QAM	50	0	18.96	18.99	19.13	20	5
20	256QAM	50	24	19.11	19.06	19.28		
20	256QAM	50	50	19.09	19.27	19.03		
20	256QAM	100	0	19.12	19.09	19.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.30	24.20	25	0
15	QPSK	1	37	23.89	24.17	24.01		
15	QPSK	1	74	24.14	23.95	24.09		
15	QPSK	36	0	23.16	23.16	23.14	24	1
15	QPSK	36	20	22.93	22.92	23.09		
15	QPSK	36	39	23.22	22.95	23.09		
15	QPSK	75	0	23.11	23.14	23.11		
15	16QAM	1	0	23.17	23.13	23.01	24	1
15	16QAM	1	37	22.99	22.94	23.08		
15	16QAM	1	74	23.08	23.20	23.06		
15	16QAM	36	0	22.16	22.05	22.21	23	2
15	16QAM	36	20	22.15	22.00	21.97		
15	16QAM	36	39	22.10	22.07	22.10		
15	16QAM	75	0	22.16	21.98	22.10		
15	64QAM	1	0	22.18	22.11	22.15	23	2
15	64QAM	1	37	22.01	21.99	22.15		
15	64QAM	1	74	21.97	22.01	22.18		
15	64QAM	36	0	21.26	21.16	21.25	22	3
15	64QAM	36	20	21.28	21.17	21.11		
15	64QAM	36	39	21.30	20.94	21.11		
15	64QAM	75	0	21.30	21.20	21.16		
15	256QAM	1	0	19.07	18.89	19.00	20	5
15	256QAM	1	37	19.03	18.92	18.79		
15	256QAM	1	74	18.79	18.94	19.01		
15	256QAM	36	0	18.84	18.92	19.04	20	5
15	256QAM	36	20	19.05	18.95	19.16		
15	256QAM	36	39	19.02	19.18	18.90		
15	256QAM	75	0	19.04	19.00	19.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.17	24.23	24.27	25	0
10	QPSK	1	25	23.90	24.15	24.04		
10	QPSK	1	49	24.16	23.88	24.06		
10	QPSK	25	0	23.12	23.21	23.14	24	1
10	QPSK	25	12	22.94	22.97	23.14		
10	QPSK	25	25	23.19	22.97	23.08		
10	QPSK	50	0	23.16	23.17	23.14		
10	16QAM	1	0	23.22	23.12	23.08	24	1
10	16QAM	1	25	23.06	22.97	23.11		
10	16QAM	1	49	23.10	23.16	23.01		
10	16QAM	25	0	22.17	22.00	22.20	23	2
10	16QAM	25	12	22.14	21.97	21.95		
10	16QAM	25	25	22.07	22.14	22.09		
10	16QAM	50	0	22.07	21.89	22.09		
10	64QAM	1	0	22.24	22.08	22.18	23	2
10	64QAM	1	25	21.98	21.99	22.15		
10	64QAM	1	49	22.05	22.03	22.15		
10	64QAM	25	0	21.25	21.23	21.20	22	3
10	64QAM	25	12	21.35	21.21	21.13		
10	64QAM	25	25	21.24	21.00	21.14		
10	64QAM	50	0	21.24	21.26	21.17		
10	256QAM	1	0	19.09	18.86	19.04	20	5
10	256QAM	1	25	19.03	18.98	18.78		
10	256QAM	1	49	18.81	18.96	19.06		
10	256QAM	25	0	18.91	18.94	19.09	20	5
10	256QAM	25	12	19.00	18.97	19.17		
10	256QAM	25	25	18.99	19.16	18.96		
10	256QAM	50	0	19.04	19.02	19.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.16	24.23	24.27	25	0
5	QPSK	1	12	23.92	24.16	24.00		
5	QPSK	1	24	24.14	23.91	24.07		
5	QPSK	12	0	23.17	23.20	23.22	24	1
5	QPSK	12	7	22.97	22.92	23.06		
5	QPSK	12	13	23.16	22.96	23.13		
5	QPSK	25	0	23.13	23.22	23.14		
5	16QAM	1	0	23.14	23.10	23.07	24	1
5	16QAM	1	12	23.01	23.00	23.11		
5	16QAM	1	24	23.04	23.16	23.02		
5	16QAM	12	0	22.20	22.01	22.20	23	2
5	16QAM	12	7	22.15	21.99	22.00		
5	16QAM	12	13	22.09	22.12	22.08		
5	16QAM	25	0	22.10	21.95	22.09		
5	64QAM	1	0	22.24	22.09	22.22	23	2
5	64QAM	1	12	21.94	21.98	22.15		
5	64QAM	1	24	22.02	22.04	22.13		
5	64QAM	12	0	21.19	21.18	21.22	22	3
5	64QAM	12	7	21.36	21.20	21.15		
5	64QAM	12	13	21.27	20.97	21.19		
5	64QAM	25	0	21.25	21.24	21.19		
5	256QAM	1	0	19.03	18.87	18.97	20	5
5	256QAM	1	12	19.08	18.97	18.75		
5	256QAM	1	24	18.76	18.95	19.00		
5	256QAM	12	0	18.92	18.93	19.02	20	5
5	256QAM	12	7	18.99	18.95	19.19		
5	256QAM	12	13	19.01	19.15	18.95		
5	256QAM	25	0	19.06	19.00	19.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.12	24.25	24.21	25	0
3	QPSK	1	8	23.89	24.15	24.04		
3	QPSK	1	14	24.14	23.88	24.09		
3	QPSK	8	0	23.10	23.18	23.15	24	1
3	QPSK	8	4	22.90	22.99	23.09		
3	QPSK	8	7	23.17	22.94	23.12		
3	QPSK	15	0	23.17	23.14	23.07		
3	16QAM	1	0	23.20	23.08	23.07	24	1
3	16QAM	1	8	23.06	22.95	23.12		
3	16QAM	1	14	23.06	23.19	23.01		
3	16QAM	8	0	22.20	22.04	22.19	23	2
3	16QAM	8	4	22.23	21.94	22.05		
3	16QAM	8	7	22.09	22.08	22.13		
3	16QAM	15	0	22.07	21.97	22.00		
3	64QAM	1	0	22.20	22.12	22.17	23	2
3	64QAM	1	8	22.04	21.99	22.17		
3	64QAM	1	14	22.05	21.98	22.22		
3	64QAM	8	0	21.19	21.20	21.26	22	3
3	64QAM	8	4	21.35	21.16	21.11		
3	64QAM	8	7	21.30	20.96	21.11		
3	64QAM	15	0	21.30	21.18	21.16		
3	256QAM	1	0	19.04	18.84	18.98	20	5
3	256QAM	1	8	19.05	19.00	18.81		
3	256QAM	1	14	18.76	19.01	19.05		
3	256QAM	8	0	18.90	18.86	19.09	20	5
3	256QAM	8	4	19.00	19.02	19.18		
3	256QAM	8	7	18.99	19.21	18.91		
3	256QAM	15	0	19.08	19.05	19.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.26	24.20	25	0
1.4	QPSK	1	3	23.95	24.09	23.99		
1.4	QPSK	1	5	24.13	23.90	24.09		
1.4	QPSK	3	0	23.17	23.17	23.14	24	1
1.4	QPSK	3	1	22.97	22.96	23.12		
1.4	QPSK	3	3	23.16	22.93	23.06		
1.4	QPSK	6	0	23.16	23.22	23.14		
1.4	16QAM	1	0	23.22	23.06	23.02	24	1
1.4	16QAM	1	3	23.05	22.94	23.09		
1.4	16QAM	1	5	23.05	23.13	23.05		
1.4	16QAM	3	0	22.20	22.01	22.13	23	2
1.4	16QAM	3	1	22.17	21.96	21.98		
1.4	16QAM	3	3	22.12	22.14	22.09		
1.4	16QAM	6	0	22.15	21.90	22.06		
1.4	64QAM	1	0	22.16	22.09	22.15	23	2
1.4	64QAM	1	3	22.03	21.98	22.11		
1.4	64QAM	1	5	22.00	22.00	22.14		
1.4	64QAM	3	0	21.16	21.25	21.27	22	3
1.4	64QAM	3	1	21.29	21.17	21.14		
1.4	64QAM	3	3	21.29	20.96	21.10		
1.4	64QAM	6	0	21.29	21.23	21.20		
1.4	256QAM	1	0	19.12	18.87	18.96	20	5
1.4	256QAM	1	3	19.07	18.94	18.82		
1.4	256QAM	1	5	18.75	19.03	19.01		
1.4	256QAM	3	0	18.90	18.91	19.01	20	5
1.4	256QAM	3	1	18.99	18.99	19.18		
1.4	256QAM	3	3	19.00	19.19	18.94		
1.4	256QAM	6	0	19.08	19.00	19.21		

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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	23.86	23.95	23.87	25	0
20	QPSK	1	49	23.63	23.78	23.62		
20	QPSK	1	99	23.77	23.63	23.69		
20	QPSK	50	0	22.87	22.93	22.90	24	1
20	QPSK	50	24	22.59	22.62	22.78		
20	QPSK	50	50	22.85	22.58	22.78		
20	QPSK	100	0	22.75	22.85	22.84		
20	16QAM	1	0	22.79	22.72	22.72	24	1
20	16QAM	1	49	22.66	22.70	22.79		
20	16QAM	1	99	22.77	22.81	22.68		
20	16QAM	50	0	21.85	21.68	21.90	23	2
20	16QAM	50	24	21.83	21.67	21.72		
20	16QAM	50	50	21.80	21.70	21.81		
20	16QAM	100	0	21.71	21.56	21.63		
20	64QAM	1	0	21.86	21.72	21.86	23	2
20	64QAM	1	49	21.68	21.65	21.82		
20	64QAM	1	99	21.72	21.74	21.87		
20	64QAM	50	0	20.83	20.87	20.97	22	3
20	64QAM	50	24	20.93	20.86	20.77		
20	64QAM	50	50	20.88	20.61	20.75		
20	64QAM	100	0	20.96	20.89	20.87		
20	256QAM	1	0	18.75	18.46	18.61	20	5
20	256QAM	1	49	18.68	18.64	18.43		
20	256QAM	1	99	18.52	18.70	18.77		
20	256QAM	50	0	18.62	18.49	18.75	20	5
20	256QAM	50	24	18.72	18.66	18.84		
20	256QAM	50	50	18.70	18.78	18.65		
20	256QAM	100	0	18.72	18.56	18.83		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.82	23.85	23.75	25	0
15	QPSK	1	37	23.51	23.73	23.57		
15	QPSK	1	74	23.70	23.54	23.59		
15	QPSK	36	0	22.84	22.86	22.78	24	1
15	QPSK	36	20	22.49	22.57	22.69		
15	QPSK	36	39	22.81	22.52	22.71		
15	QPSK	75	0	22.71	22.76	22.80		
15	16QAM	1	0	22.67	22.66	22.65	24	1
15	16QAM	1	37	22.62	22.59	22.68		
15	16QAM	1	74	22.64	22.74	22.63		
15	16QAM	36	0	21.72	21.64	21.82	23	2
15	16QAM	36	20	21.78	21.61	21.67		
15	16QAM	36	39	21.74	21.67	21.70		
15	16QAM	75	0	21.67	21.53	21.51		
15	64QAM	1	0	21.83	21.63	21.80	23	2
15	64QAM	1	37	21.57	21.61	21.79		
15	64QAM	1	74	21.59	21.71	21.76		
15	64QAM	36	0	20.75	20.78	20.92	22	3
15	64QAM	36	20	20.88	20.73	20.70		
15	64QAM	36	39	20.82	20.51	20.66		
15	64QAM	75	0	20.84	20.77	20.77		
15	256QAM	1	0	18.72	18.43	18.56	20	5
15	256QAM	1	37	18.56	18.53	18.40		
15	256QAM	1	74	18.45	18.57	18.71		
15	256QAM	36	0	18.54	18.45	18.64	20	5
15	256QAM	36	20	18.66	18.61	18.73		
15	256QAM	36	39	18.60	18.69	18.61		
15	256QAM	75	0	18.63	18.48	18.77		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.76	23.85	23.83	25	0
10	QPSK	1	25	23.59	23.72	23.56		
10	QPSK	1	49	23.64	23.52	23.63		
10	QPSK	25	0	22.83	22.85	22.78	24	1
10	QPSK	25	12	22.55	22.53	22.69		
10	QPSK	25	25	22.74	22.45	22.70		
10	QPSK	50	0	22.68	22.78	22.78		
10	16QAM	1	0	22.71	22.64	22.64	24	1
10	16QAM	1	25	22.61	22.67	22.67		
10	16QAM	1	49	22.70	22.74	22.61		
10	16QAM	25	0	21.75	21.61	21.84	23	2
10	16QAM	25	12	21.78	21.59	21.66		
10	16QAM	25	25	21.67	21.66	21.74		
10	16QAM	50	0	21.62	21.53	21.53		
10	64QAM	1	0	21.79	21.61	21.82	23	2
10	64QAM	1	25	21.56	21.57	21.70		
10	64QAM	1	49	21.65	21.62	21.78		
10	64QAM	25	0	20.79	20.78	20.86	22	3
10	64QAM	25	12	20.87	20.77	20.64		
10	64QAM	25	25	20.83	20.50	20.72		
10	64QAM	50	0	20.92	20.82	20.82		
10	256QAM	1	0	18.68	18.34	18.54	20	5
10	256QAM	1	25	18.62	18.53	18.40		
10	256QAM	1	49	18.47	18.63	18.67		
10	256QAM	25	0	18.53	18.42	18.72	20	5
10	256QAM	25	12	18.62	18.59	18.78		
10	256QAM	25	25	18.59	18.70	18.61		
10	256QAM	50	0	18.61	18.49	18.77		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.83	23.89	23.75	25	0
5	QPSK	1	12	23.54	23.73	23.50		
5	QPSK	1	24	23.66	23.58	23.57		
5	QPSK	12	0	22.83	22.81	22.81	24	1
5	QPSK	12	7	22.50	22.55	22.74		
5	QPSK	12	13	22.76	22.53	22.71		
5	QPSK	25	0	22.70	22.81	22.76		
5	16QAM	1	0	22.69	22.65	22.66	24	1
5	16QAM	1	12	22.57	22.67	22.74		
5	16QAM	1	24	22.74	22.70	22.59		
5	16QAM	12	0	21.77	21.64	21.85	23	2
5	16QAM	12	7	21.73	21.61	21.59		
5	16QAM	12	13	21.68	21.58	21.71		
5	16QAM	25	0	21.61	21.53	21.54		
5	64QAM	1	0	21.77	21.61	21.82	23	2
5	64QAM	1	12	21.60	21.55	21.77		
5	64QAM	1	24	21.68	21.66	21.74		
5	64QAM	12	0	20.78	20.83	20.87	22	3
5	64QAM	12	7	20.86	20.80	20.71		
5	64QAM	12	13	20.79	20.50	20.71		
5	64QAM	25	0	20.85	20.77	20.78		
5	256QAM	1	0	18.63	18.43	18.54	20	5
5	256QAM	1	12	18.56	18.56	18.39		
5	256QAM	1	24	18.45	18.64	18.69		
5	256QAM	12	0	18.58	18.42	18.68	20	5
5	256QAM	12	7	18.65	18.58	18.72		
5	256QAM	12	13	18.60	18.66	18.56		
5	256QAM	25	0	18.60	18.46	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC 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				39790	40185	40620	41055	41490		
Frequency (MHz)				2510	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.85	23.97	23.85	23.94	25	0
20	QPSK	1	49	23.69	23.59	23.75	23.85	23.57		
20	QPSK	1	99	23.87	23.80	23.79	23.51	23.62		
20	QPSK	50	0	22.85	23.00	23.01	22.85	22.88	24	1
20	QPSK	50	24	22.53	22.76	22.56	22.65	22.85		
20	QPSK	50	50	22.84	22.69	22.96	22.50	22.71		
20	QPSK	100	0	22.70	22.77	22.95	22.86	22.91		
20	16QAM	1	0	22.68	22.72	22.86	22.68	22.74	24	1
20	16QAM	1	49	22.61	22.84	22.71	22.59	22.69		
20	16QAM	1	99	22.70	22.76	22.81	22.87	22.72		
20	16QAM	50	0	21.76	21.82	21.83	21.70	21.98	23	2
20	16QAM	50	24	21.85	21.71	21.87	21.77	21.66		
20	16QAM	50	50	21.79	21.84	21.72	21.60	21.90		
20	16QAM	100	0	21.62	21.55	21.76	21.58	21.58		
20	64QAM	1	0	21.89	21.78	21.96	21.71	21.76	23	2
20	64QAM	1	49	21.70	21.73	21.72	21.67	21.73		
20	64QAM	1	99	21.80	21.87	21.74	21.65	21.82		
20	64QAM	50	0	20.86	21.02	20.93	20.76	21.01	22	3
20	64QAM	50	24	21.05	20.83	20.88	20.94	20.66		
20	64QAM	50	50	20.90	20.68	20.89	20.70	20.80		
20	64QAM	100	0	20.91	20.89	21.00	20.92	20.97		
20	256QAM	1	0	18.80	18.56	18.81	18.38	18.52	20	5
20	256QAM	1	49	18.60	18.34	18.69	18.71	18.40		
20	256QAM	1	99	18.56	18.88	18.56	18.62	18.82		
20	256QAM	50	0	18.55	18.77	18.55	18.55	18.81	20	5
20	256QAM	50	24	18.60	18.82	18.68	18.72	18.90		
20	256QAM	50	50	18.59	18.68	18.58	18.82	18.56		
20	256QAM	100	0	18.67	18.82	18.80	18.52	18.74		
Channel				39765	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.86	23.65	23.88	23.78	23.91	25	0
15	QPSK	1	37	23.58	23.44	23.58	23.72	23.50		
15	QPSK	1	74	23.70	23.76	23.74	23.34	23.58		
15	QPSK	36	0	22.73	22.99	22.99	22.82	22.69	24	1
15	QPSK	36	20	22.31	22.75	22.43	22.60	22.67		
15	QPSK	36	39	22.73	22.57	22.97	22.29	22.51		
15	QPSK	75	0	22.54	22.62	22.78	22.81	22.72		
15	16QAM	1	0	22.56	22.65	22.82	22.61	22.65	24	1
15	16QAM	1	37	22.59	22.84	22.61	22.44	22.67		
15	16QAM	1	74	22.52	22.77	22.66	22.88	22.53		
15	16QAM	36	0	21.72	21.66	21.79	21.59	21.80	23	2
15	16QAM	36	20	21.78	21.52	21.72	21.56	21.56		
15	16QAM	36	39	21.80	21.78	21.71	21.42	21.70		
15	16QAM	75	0	21.46	21.35	21.74	21.58	21.56		
15	64QAM	1	0	21.71	21.64	21.79	21.49	21.56	23	2
15	64QAM	1	37	21.62	21.56	21.64	21.66	21.61		
15	64QAM	1	74	21.76	21.88	21.74	21.52	21.80		
15	64QAM	36	0	20.75	20.87	20.88	20.67	20.85	22	3
15	64QAM	36	20	21.00	20.77	20.89	20.94	20.49		
15	64QAM	36	39	20.80	20.51	20.80	20.68	20.61		
15	64QAM	75	0	20.82	20.72	20.85	20.82	20.85		
15	256QAM	1	0	18.63	18.50	18.81	18.36	18.40	20	5
15	256QAM	1	37	18.45	18.22	18.61	18.60	18.40		
15	256QAM	1	74	18.43	18.78	18.44	18.45	18.61		
15	256QAM	36	0	18.44	18.71	18.49	18.43	18.67	20	5
15	256QAM	36	20	18.42	18.68	18.67	18.65	18.69		
15	256QAM	36	39	18.40	18.66	18.57	18.63	18.34		
15	256QAM	75	0	18.56	18.82	18.59	18.37	18.65		
Channel				39740	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2547	2593	2639	2685		
10	QPSK	1	0	23.66	23.74	23.89	23.83	23.87	25	0
10	QPSK	1	25	23.71	23.51	23.59	23.86	23.42		
10	QPSK	1	49	23.86	23.70	23.65	23.51	23.53		
10	QPSK	25	0	22.66	22.86	22.84	22.74	22.81	24	1
10	QPSK	25	12	22.52	22.70	22.46	22.60	22.72		
10	QPSK	25	25	22.62	22.53	22.89	22.47	22.65		
10	QPSK	50	0	22.72	22.56	22.80	22.76	22.83		
10	16QAM	1	0	22.54	22.54	22.77	22.48	22.67	24	1
10	16QAM	1	25	22.60	22.67	22.66	22.53	22.58		
10	16QAM	1	49	22.61	22.58	22.75	22.87	22.71		
10	16QAM	25	0	21.61	21.80	21.65	21.68	21.97	23	2
10	16QAM	25	12	21.73	21.50	21.68	21.69	21.55		
10	16QAM	25	25	21.78	21.70	21.65	21.56	21.87		
10	16QAM	50	0	21.57	21.49	21.73	21.60	21.38		
10	64QAM	1	0	21.69	21.63	21.97	21.66	21.66	23	2
10	64QAM	1	25	21.49	21.73	21.51	21.64	21.64		
10	64QAM	1	49	21.59	21.86	21.63	21.60	21.71		
10	64QAM	25	0	20.66	20.88	20.90	20.71	20.95	22	3
10	64QAM	25	12	20.86	20.73	20.87	20.93	20.58		
10	64QAM	25	25	20.71	20.49	20.86	20.57	20.63		
10	64QAM	50	0	20.89	20.76	20.86	20.90	20.79		
10	256QAM	1	0	18.64	18.40	18.76	18.31	18.33	20	5
10	256QAM	1	25	18.61	18.28	18.68	18.52	18.40		
10	256QAM	1	49	18.56	18.74	18.34	18.49	18.63		
10	256QAM	25	0	18.52	18.69	18.45	18.56	18.61	20	5
10	256QAM	25	12	18.40	18.64	18.65	18.60	18.69		
10	256QAM	25	25	18.49	18.66	18.39	18.65	18.50		
10	256QAM	50	0	18.66	18.77	18.59	18.45	18.65		
Channel				39715	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.81	23.72	23.88	23.70	23.94	25	0
5	QPSK	1	12	23.50	23.39	23.74	23.71	23.57		
5	QPSK	1	24	23.78	23.73	23.61	23.37	23.59		
5	QPSK	12	0	22.65	22.85	23.02	22.65	22.78	24	1
5	QPSK	12	7	22.46	22.62	22.36	22.53	22.63		
5	QPSK	12	13	22.76	22.59	22.96	22.35	22.58		
5	QPSK	25	0	22.70	22.55	22.84	22.69	22.81		
5	16QAM	1	0	22.70	22.55	22.84	22.66	22.55	24	1
5	16QAM	1	12	22.51	22.81	22.63	22.38	22.70		
5	16QAM	1	24	22.50	22.59	22.81	22.71	22.57		
5	16QAM	12	0	21.71	21.71	21.80	21.65	21.94	23	2
5	16QAM	12	7	21.71	21.73	21.70	21.65	21.55		
5	16QAM	12	13	21.73	21.78	21.64	21.48	21.71		
5	16QAM	25	0	21.42	21.33	21.61	21.49	21.58		
5	64QAM	1	0	21.79	21.78	21.74	21.72	21.55	23	2
5	64QAM	1	12	21.52	21.68	21.57	21.68	21.63		
5	64QAM	1	24	21.62	21.66	21.71	21.65	21.65		
5	64QAM	12	0	20.76	20.81	20.73	20.65	20.86	22	3
5	64QAM	12	7	20.88	20.79	20.76	20.72	20.65		
5	64QAM	12	13	20.71	20.57	20.68	20.51	20.81		
5	64QAM	25	0	20.80	20.88	20.99	20.81	20.80		
5	256QAM	1	0	18.60	18.56	18.63	18.30	18.51	20	5
5	256QAM	1	12	18.60	18.23	18.60	18.66	18.27		
5	256QAM	1	24	18.48	18.76	18.45	18.43	18.66		
5	256QAM	12	0	18.38	18.79	18.34	18.42	18.63	20	5
5	256QAM	12	7	18.44	18.64	18.62	18.70	18.87		
5	256QAM	12	13	18.60	18.63	18.50	18.77	18.57		
5	256QAM	25	0	18.53	18.69	18.79	18.42	18.63		

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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				42190	42680	43000	43490		
Frequency (MHz)				3460	3509	3541	3590		
20	QPSK	1	0	24.69	24.85	24.61	24.53	26	0
20	QPSK	1	49	24.63	24.40	24.53	24.54		
20	QPSK	1	99	24.64	24.50	24.63	24.45		
20	QPSK	50	0	23.79	23.82	23.65	23.55	25	1
20	QPSK	50	24	23.71	23.69	23.55	23.57		
20	QPSK	50	50	23.65	23.61	23.63	23.35		
20	QPSK	100	0	23.70	23.80	23.73	23.42		
20	16QAM	1	0	23.57	23.84	23.74	23.61	25	1
20	16QAM	1	49	23.60	23.58	23.49	23.58		
20	16QAM	1	99	23.76	23.51	23.46	23.49		
20	16QAM	50	0	22.76	22.67	22.59	22.44	24	2
20	16QAM	50	24	22.68	22.46	22.46	22.54		
20	16QAM	50	50	22.55	22.60	22.45	22.42		
20	16QAM	100	0	22.72	22.77	22.93	22.48		
20	64QAM	1	0	22.64	22.67	22.75	22.64	24	2
20	64QAM	1	49	22.55	22.51	22.40	22.60		
20	64QAM	1	99	22.70	22.38	22.51	22.52		
20	64QAM	50	0	21.58	21.59	21.63	21.61	23	3
20	64QAM	50	24	21.56	21.75	21.86	21.64		
20	64QAM	50	50	21.73	21.45	21.45	21.49		
20	64QAM	100	0	21.53	21.53	21.52	21.43		
20	256QAM	1	0	19.58	19.43	19.62	19.59	21	5
20	256QAM	1	49	19.78	19.41	19.47	19.48		
20	256QAM	1	99	19.60	19.54	19.55	19.57		
20	256QAM	50	0	19.44	19.58	19.51	19.42	21	5
20	256QAM	50	24	19.41	19.60	19.74	19.64		
20	256QAM	50	50	19.69	19.55	19.61	19.56		
20	256QAM	100	0	19.69	19.56	19.45	19.44		
Channel				42165	42670	43010	43515	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3508	3542	3592.5		
15	QPSK	1	0	24.53	24.68	24.71	24.47	26	0
15	QPSK	1	37	24.62	24.50	24.60	24.34		
15	QPSK	1	74	24.51	24.43	24.65	24.40		
15	QPSK	36	0	23.60	23.66	23.75	23.35	25	1
15	QPSK	36	20	23.66	23.65	23.57	23.43		
15	QPSK	36	39	23.63	23.57	23.73	23.30		
15	QPSK	75	0	23.68	23.84	23.75	23.33		
15	16QAM	1	0	23.43	23.88	23.82	23.63	25	1
15	16QAM	1	37	23.42	23.52	23.62	23.42		
15	16QAM	1	74	23.77	23.54	23.47	23.43		
15	16QAM	36	0	22.72	22.74	22.56	22.38	24	2
15	16QAM	36	20	22.50	22.52	22.44	22.53		
15	16QAM	36	39	22.50	22.47	22.57	22.34		
15	16QAM	75	0	22.52	22.77	22.81	22.34		
15	64QAM	1	0	22.58	22.70	22.88	22.51	24	2
15	64QAM	1	37	22.37	22.48	22.56	22.53		
15	64QAM	1	74	22.68	22.49	22.43	22.31		
15	64QAM	36	0	21.42	21.76	21.62	21.45	23	3
15	64QAM	36	20	21.39	21.69	21.80	21.54		
15	64QAM	36	39	21.74	21.52	21.54	21.37		
15	64QAM	75	0	21.45	21.56	21.46	21.37		
15	256QAM	1	0	19.56	19.58	19.52	19.53	21	5
15	256QAM	1	37	19.73	19.56	19.45	19.48		
15	256QAM	1	74	19.43	19.54	19.71	19.43		
15	256QAM	36	0	19.24	19.65	19.50	19.27	21	5
15	256QAM	36	20	19.40	19.76	19.66	19.64		
15	256QAM	36	39	19.54	19.74	19.66	19.49		
15	256QAM	75	0	19.61	19.61	19.50	19.34		
Channel				42140	42665	43015	43540	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3507.5	3542.5	3595		
10	QPSK	1	0	24.70	24.66	24.66	24.53	26	0
10	QPSK	1	25	24.59	24.53	24.61	24.36		
10	QPSK	1	49	24.64	24.60	24.64	24.37		
10	QPSK	25	0	23.75	23.64	23.64	23.47	25	1
10	QPSK	25	12	23.65	23.72	23.58	23.47		
10	QPSK	25	25	23.45	23.60	23.62	23.30		
10	QPSK	50	0	23.59	23.84	23.72	23.31		
10	16QAM	1	0	23.49	23.96	23.83	23.57	25	1
10	16QAM	1	25	23.58	23.66	23.50	23.54		
10	16QAM	1	49	23.56	23.56	23.52	23.37		
10	16QAM	25	0	22.71	22.65	22.65	22.32	24	2
10	16QAM	25	12	22.53	22.44	22.44	22.33		
10	16QAM	25	25	22.38	22.53	22.60	22.22		
10	16QAM	50	0	22.51	22.81	22.81	22.26		
10	64QAM	1	0	22.44	22.74	22.78	22.55	24	2
10	64QAM	1	25	22.41	22.53	22.50	22.55		
10	64QAM	1	49	22.72	22.38	22.30	22.32		
10	64QAM	25	0	21.52	21.57	21.64	21.59	23	3
10	64QAM	25	12	21.43	21.87	21.86	21.64		
10	64QAM	25	25	21.59	21.55	21.53	21.41		
10	64QAM	50	0	21.43	21.45	21.57	21.29		
10	256QAM	1	0	19.47	19.63	19.67	19.45	21	5
10	256QAM	1	25	19.64	19.41	19.42	19.37		
10	256QAM	1	49	19.59	19.61	19.66	19.40		
10	256QAM	25	0	19.41	19.43	19.45	19.44	21	5
10	256QAM	25	12	19.40	19.75	19.71	19.55		
10	256QAM	25	25	19.69	19.60	19.75	19.37		
10	256QAM	50	0	19.50	19.45	19.50	19.27		
Channel				42115	42660	43020	43565	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3507	3543	3597.5		
5	QPSK	1	0	24.51	24.80	24.68	24.32	26	0
5	QPSK	1	12	24.60	24.61	24.44	24.37		
5	QPSK	1	24	24.46	24.45	24.42	24.44		
5	QPSK	12	0	23.70	23.75	23.82	23.38	25	1
5	QPSK	12	7	23.56	23.65	23.59	23.52		
5	QPSK	12	13	23.56	23.70	23.53	23.35		
5	QPSK	25	0	23.56	23.68	23.78	23.23		
5	16QAM	1	0	23.51	23.88	23.80	23.61	25	1
5	16QAM	1	12	23.57	23.47	23.59	23.60		
5	16QAM	1	24	23.62	23.60	23.55	23.46		
5	16QAM	12	0	22.57	22.75	22.75	22.28	24	2
5	16QAM	12	7	22.67	22.43	22.39	22.41		
5	16QAM	12	13	22.50	22.60	22.42	22.33		
5	16QAM	25	0	22.64	22.90	22.81	22.29		
5	64QAM	1	0	22.62	22.75	22.74	22.59	24	2
5	64QAM	1	12	22.36	22.41	22.46	22.54		
5	64QAM	1	24	22.51	22.45	22.48	22.31		
5	64QAM	12	0	21.55	21.66	21.58	21.60	23	3
5	64QAM	12	7	21.50	21.71	21.77	21.62		
5	64QAM	12	13	21.51	21.52	21.49	21.43		
5	64QAM	25	0	21.31	21.62	21.49	21.41		
5	256QAM	1	0	19.58	19.54	19.59	19.59	21	5
5	256QAM	1	12	19.74	19.52	19.45	19.32		
5	256QAM	1	24	19.45	19.52	19.51	19.57		
5	256QAM	12	0	19.27	19.44	19.53	19.33	21	5
5	256QAM	12	7	19.25	19.60	19.71	19.61		
5	256QAM	12	13	19.50	19.62	19.59	19.47		
5	256QAM	25	0	19.50	19.50	19.57	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				43690	44590	45490		
Frequency (MHz)				3610	3700	3790		
20	QPSK	1	0	24.67	24.82	24.35	26	0
20	QPSK	1	49	24.52	24.51	24.39		
20	QPSK	1	99	24.51	24.53	24.37		
20	QPSK	50	0	23.75	23.77	23.55	25	1
20	QPSK	50	24	23.54	23.48	23.56		
20	QPSK	50	50	23.60	23.62	23.36		
20	QPSK	100	0	23.59	23.65	23.30		
20	16QAM	1	0	23.37	23.71	23.60	25	1
20	16QAM	1	49	23.51	23.48	23.42		
20	16QAM	1	99	23.69	23.50	23.34		
20	16QAM	50	0	22.66	22.58	22.37	24	2
20	16QAM	50	24	22.54	22.58	22.42		
20	16QAM	50	50	22.40	22.42	22.40		
20	16QAM	100	0	22.70	22.53	22.36		
20	64QAM	1	0	22.55	22.62	22.53	24	2
20	64QAM	1	49	22.55	22.66	22.60		
20	64QAM	1	99	22.55	22.68	22.52		
20	64QAM	50	0	21.60	21.62	21.41	23	3
20	64QAM	50	24	21.38	21.64	21.62		
20	64QAM	50	50	21.69	21.34	21.38		
20	64QAM	100	0	21.35	21.62	21.25		
20	256QAM	1	0	19.54	19.70	19.51	21	5
20	256QAM	1	49	19.75	19.58	19.28		
20	256QAM	1	99	19.62	19.68	19.35		
20	256QAM	50	0	19.32	19.49	19.21	21	5
20	256QAM	50	24	19.23	19.64	19.65		
20	256QAM	50	50	19.48	19.61	19.40		
20	256QAM	100	0	19.64	19.55	19.30		
Channel				43665	44590	45515	Tune-up limit	MPR (dB)
Frequency (MHz)				3607.5	3700	3792.5		
15	QPSK	1	0	24.69	24.60	24.64	26	0
15	QPSK	1	37	24.35	24.44	24.52		
15	QPSK	1	74	24.47	24.56	24.53		
15	QPSK	36	0	23.55	23.68	23.65	25	1
15	QPSK	36	20	23.33	23.33	23.56		
15	QPSK	36	39	23.54	23.59	23.56		
15	QPSK	75	0	23.45	23.59	23.60		
15	16QAM	1	0	23.32	23.58	23.52	25	1
15	16QAM	1	37	23.31	23.49	23.55		
15	16QAM	1	74	23.57	23.59	23.53		
15	16QAM	36	0	22.44	22.61	22.70	24	2
15	16QAM	36	20	22.37	22.62	22.43		
15	16QAM	36	39	22.23	22.52	22.63		
15	16QAM	75	0	22.63	22.60	22.49		
15	64QAM	1	0	22.39	22.59	22.64	24	2
15	64QAM	1	37	22.42	22.50	22.60		
15	64QAM	1	74	22.42	22.45	22.66		
15	64QAM	36	0	21.55	21.57	21.78	23	3
15	64QAM	36	20	21.40	21.85	21.65		
15	64QAM	36	39	21.51	21.65	21.59		
15	64QAM	75	0	21.35	21.84	21.62		
15	256QAM	1	0	19.39	19.56	19.40	21	5
15	256QAM	1	37	19.58	19.59	19.24		
15	256QAM	1	74	19.54	19.30	19.47		
15	256QAM	36	0	19.25	19.41	19.46	21	5
15	256QAM	36	20	19.12	19.52	19.69		
15	256QAM	36	39	19.40	19.47	19.39		
15	256QAM	75	0	19.56	19.42	19.69		
Channel				43640	44590	45540	Tune-up limit	MPR (dB)
Frequency (MHz)				3605	3700	3795		
10	QPSK	1	0	24.67	24.53	24.66	26	0
10	QPSK	1	25	24.48	24.45	24.47		
10	QPSK	1	49	24.44	24.56	24.53		
10	QPSK	25	0	23.65	23.72	23.65	25	1
10	QPSK	25	12	23.47	23.39	23.60		
10	QPSK	25	25	23.53	23.65	23.64		
10	QPSK	50	0	23.46	23.61	23.60		
10	16QAM	1	0	23.26	23.57	23.55	25	1
10	16QAM	1	25	23.34	23.54	23.61		
10	16QAM	1	49	23.68	23.60	23.46		
10	16QAM	25	0	22.66	22.60	22.65	24	2
10	16QAM	25	12	22.32	22.67	22.45		
10	16QAM	25	25	22.19	22.58	22.63		
10	16QAM	50	0	22.60	22.62	22.53		
10	64QAM	1	0	22.39	22.58	22.65	24	2
10	64QAM	1	25	22.41	22.48	22.54		
10	64QAM	1	49	22.57	22.43	22.68		
10	64QAM	25	0	21.46	21.55	21.75	23	3
10	64QAM	25	12	21.31	21.85	21.64		
10	64QAM	25	25	21.55	21.60	21.56		
10	64QAM	50	0	21.26	21.81	21.60		
10	256QAM	1	0	19.40	19.61	19.41	21	5
10	256QAM	1	25	19.64	19.57	19.28		
10	256QAM	1	49	19.53	19.29	19.54		
10	256QAM	25	0	19.17	19.44	19.50	21	5
10	256QAM	25	12	19.22	19.58	19.61		
10	256QAM	25	25	19.28	19.55	19.35		
10	256QAM	50	0	19.55	19.48	19.71		
Channel				43615	44590	45565	Tune-up limit	MPR (dB)
Frequency (MHz)				3602.5	3700	3797.5		
5	QPSK	1	0	24.67	24.58	24.67	26	0
5	QPSK	1	12	24.50	24.40	24.51		
5	QPSK	1	24	24.45	24.64	24.55		
5	QPSK	12	0	23.72	23.71	23.61	25	1
5	QPSK	12	7	23.55	23.36	23.60		
5	QPSK	12	13	23.52	23.61	23.56		
5	QPSK	25	0	23.41	23.62	23.64		
5	16QAM	1	0	23.35	23.58	23.47	25	1
5	16QAM	1	12	23.42	23.51	23.59		
5	16QAM	1	24	23.64	23.58	23.47		
5	16QAM	12	0	22.46	22.60	22.71	24	2
5	16QAM	12	7	22.50	22.63	22.46		
5	16QAM	12	13	22.33	22.55	22.68		
5	16QAM	25	0	22.52	22.63	22.54		
5	64QAM	1	0	22.41	22.60	22.61	24	2
5	64QAM	1	12	22.34	22.53	22.51		
5	64QAM	1	24	22.38	22.44	22.67		
5	64QAM	12	0	21.57	21.58	21.75	23	3
5	64QAM	12	7	21.16	21.81	21.65		
5	64QAM	12	13	21.52	21.63	21.57		
5	64QAM	25	0	21.35	21.82	21.60		
5	256QAM	1	0	19.42	19.58	19.42	21	5
5	256QAM	1	12	19.60	19.59	19.27		
5	256QAM	1	24	19.59	19.34	19.49		
5	256QAM	12	0	19.11	19.40	19.55	21	5
5	256QAM	12	7	19.20	19.50	19.61		
5	256QAM	12	13	19.27	19.50	19.44		
5	256QAM	25	0	19.63	19.40	19.70		

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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				42190	42680	43000	43490		
Frequency (MHz)				3460	3509	3541	3590		
20	QPSK	1	0	21.78	21.82	21.78	21.53	22	0
20	QPSK	1	49	21.77	21.56	21.64	21.47		
20	QPSK	1	99	21.81	21.80	21.74	21.32		
20	QPSK	50	0	20.55	20.87	20.40	20.41	21	1
20	QPSK	50	24	20.86	20.84	20.86	20.59		
20	QPSK	50	50	20.66	20.55	20.60	20.50		
20	QPSK	100	0	20.63	20.67	20.43	20.44		
20	16QAM	1	0	20.86	20.74	20.67	20.45	21	1
20	16QAM	1	49	20.68	20.51	20.48	20.54		
20	16QAM	1	99	20.72	20.55	20.72	20.32		
20	16QAM	50	0	19.68	19.61	19.59	19.57	20	2
20	16QAM	50	24	19.71	19.71	19.51	19.49		
20	16QAM	50	50	19.69	19.61	19.60	19.41		
20	16QAM	100	0	19.71	19.57	19.57	19.55		
20	64QAM	1	0	19.68	19.60	19.58	19.37	20	2
20	64QAM	1	49	19.66	19.54	19.62	19.30		
20	64QAM	1	99	19.74	19.53	19.74	19.21		
20	64QAM	50	0	18.81	18.62	18.76	18.47	19	3
20	64QAM	50	24	18.66	18.45	18.54	18.59		
20	64QAM	50	50	18.77	18.61	18.76	18.31		
20	64QAM	100	0	18.87	18.78	18.68	18.54		
20	256QAM	1	0	16.71	16.67	16.72	16.45	17	5
20	256QAM	1	49	16.55	16.35	16.44	16.45		
20	256QAM	1	99	16.91	16.71	16.76	16.40		
20	256QAM	50	0	16.86	16.69	16.69	16.50	17	5
20	256QAM	50	24	16.54	16.48	16.42	16.39		
20	256QAM	50	50	16.74	16.53	16.53	16.28		
20	256QAM	100	0	16.55	16.45	16.45	16.25		
Channel				42165	42670	43010	43515	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3508	3542	3592.5		
15	QPSK	1	0	21.67	21.69	21.79	21.49	22	0
15	QPSK	1	37	21.70	21.60	21.78	21.48		
15	QPSK	1	74	21.68	21.74	21.61	21.15		
15	QPSK	36	0	20.37	20.44	20.42	20.25	21	1
15	QPSK	36	20	20.77	20.85	20.78	20.43		
15	QPSK	36	39	20.50	20.56	20.63	20.32		
15	QPSK	75	0	20.65	20.63	20.51	20.23		
15	16QAM	1	0	20.86	20.75	20.81	20.40	21	1
15	16QAM	1	37	20.52	20.58	20.64	20.54		
15	16QAM	1	74	20.70	20.51	20.67	20.13		
15	16QAM	36	0	19.60	19.67	19.56	19.46	20	2
15	16QAM	36	20	19.61	19.54	19.54	19.31		
15	16QAM	36	39	19.47	19.48	19.52	19.39		
15	16QAM	75	0	19.62	19.64	19.66	19.43		
15	64QAM	1	0	19.54	19.47	19.49	19.15	20	2
15	64QAM	1	37	19.51	19.54	19.51	19.26		
15	64QAM	1	74	19.58	19.61	19.60	19.12		
15	64QAM	36	0	18.76	18.65	18.63	18.32	19	3
15	64QAM	36	20	18.67	18.49	18.60	18.58		
15	64QAM	36	39	18.72	18.57	18.55	18.19		
15	64QAM	75	0	18.68	18.67	18.75	18.51		
15	256QAM	1	0	16.63	16.55	16.64	16.40	17	5
15	256QAM	1	37	16.54	16.57	16.55	16.36		
15	256QAM	1	74	16.70	16.78	16.75	16.38		
15	256QAM	36	0	16.66	16.86	16.66	16.52	17	5
15	256QAM	36	20	16.55	16.39	16.49	16.29		
15	256QAM	36	39	16.57	16.66	16.53	16.08		
15	256QAM	75	0	16.46	16.35	16.44	16.24		
Channel				42140	42665	43015	43540	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3507.5	3542.5	3595		
10	QPSK	1	0	21.74	21.76	21.69	21.51	22	0
10	QPSK	1	25	21.60	21.75	21.73	21.28		
10	QPSK	1	49	21.67	21.79	21.71	21.33		
10	QPSK	25	0	20.45	20.36	20.56	20.34	21	1
10	QPSK	25	12	20.87	20.72	20.75	20.42		
10	QPSK	25	25	20.58	20.52	20.58	20.38		
10	QPSK	50	0	20.47	20.61	20.55	20.32		
10	16QAM	1	0	20.75	20.86	20.88	20.29	21	1
10	16QAM	1	25	20.68	20.66	20.67	20.40		
10	16QAM	1	49	20.62	20.71	20.61	20.25		
10	16QAM	25	0	19.49	19.47	19.52	19.41	20	2
10	16QAM	25	12	19.50	19.70	19.68	19.46		
10	16QAM	25	25	19.69	19.51	19.52	19.26		
10	16QAM	50	0	19.58	19.59	19.58	19.37		
10	64QAM	1	0	19.59	19.50	19.47	19.34	20	2
10	64QAM	1	25	19.68	19.54	19.59	19.25		
10	64QAM	1	49	19.69	19.55	19.76	19.09		
10	64QAM	25	0	18.74	18.79	18.65	18.49	19	3
10	64QAM	25	12	18.67	18.57	18.56	18.59		
10	64QAM	25	25	18.60	18.73	18.78	18.13		
10	64QAM	50	0	18.69	18.82	18.72	18.46		
10	256QAM	1	0	16.58	16.54	16.54	16.36	17	5
10	256QAM	1	25	16.49	16.34	16.53	16.29		
10	256QAM	1	49	16.78	16.76	16.88	16.36		
10	256QAM	25	0	16.72	16.79	16.74	16.46	17	5
10	256QAM	25	12	16.48	16.51	16.48	16.28		
10	256QAM	25	25	16.59	16.76	16.65	16.19		
10	256QAM	50	0	16.54	16.56	16.35	16.07		
Channel				42115	42660	43020	43565	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3507	3543	3597.5		
5	QPSK	1	0	21.66	21.60	21.58	21.44	22	0
5	QPSK	1	12	21.75	21.68	21.64	21.30		
5	QPSK	1	24	21.59	21.74	21.79	21.23		
5	QPSK	12	0	20.51	20.35	20.37	20.27	21	1
5	QPSK	12	7	20.86	20.85	20.81	20.46		
5	QPSK	12	13	20.67	20.61	20.49	20.43		
5	QPSK	25	0	20.56	20.42	20.58	20.35		
5	16QAM	1	0	20.65	20.73	20.70	20.32	21	1
5	16QAM	1	12	20.59	20.62	20.61	20.43		
5	16QAM	1	24	20.69	20.55	20.51	20.12		
5	16QAM	12	0	19.56	19.69	19.65	19.52	20	2
5	16QAM	12	7	19.55	19.71	19.60	19.29		
5	16QAM	12	13	19.58	19.70	19.52	19.42		
5	16QAM	25	0	19.52	19.61	19.65	19.34		
5	64QAM	1	0	19.54	19.62	19.62	19.22	20	2
5	64QAM	1	12	19.61	19.59	19.63	19.21		
5	64QAM	1	24	19.76	19.74	19.54	19.07		
5	64QAM	12	0	18.81	18.77	18.71	18.45	19	3
5	64QAM	12	7	18.47	18.60	18.58	18.49		
5	64QAM	12	13	18.71	18.64	18.74	18.17		
5	64QAM	25	0	18.67	18.81	18.67	18.43		
5	256QAM	1	0	16.53	16.56	16.71	16.24	17	5
5	256QAM	1	12	16.38	16.36	16.49	16.45		
5	256QAM	1	24	16.71	16.83	16.76	16.20		
5	256QAM	12	0	16.68	16.79	16.86	16.37	17	5
5	256QAM	12	7	16.43	16.43	16.47	16.39		
5	256QAM	12	13	16.74	16.71	16.63	16.27		
5	256QAM	25	0	16.48	16.43	16.43	16.11		

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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				43690	44590	45490		
Frequency (MHz)				3610	3700	3790		
20	QPSK	1	0	21.23	20.43	20.16	22	0
20	QPSK	1	49	21.04	20.28	20.04		
20	QPSK	1	99	21.10	20.25	20.17		
20	QPSK	50	0	20.25	19.42	19.27	21	1
20	QPSK	50	24	20.23	19.48	19.25		
20	QPSK	50	50	20.17	19.55	19.25		
20	QPSK	100	0	20.29	19.37	19.20		
20	16QAM	1	0	20.11	19.43	19.16	21	1
20	16QAM	1	49	20.16	19.48	19.10		
20	16QAM	1	99	20.13	19.38	19.07		
20	16QAM	50	0	19.35	18.52	18.14	20	2
20	16QAM	50	24	19.17	18.38	18.23		
20	16QAM	50	50	19.24	18.50	18.19		
20	16QAM	100	0	19.25	18.44	18.06		
20	64QAM	1	0	19.12	18.51	18.27	20	2
20	64QAM	1	49	19.33	18.36	18.20		
20	64QAM	1	99	19.15	18.53	18.06		
20	64QAM	50	0	18.35	17.52	17.22	19	3
20	64QAM	50	24	18.27	17.33	17.10		
20	64QAM	50	50	18.21	17.50	17.22		
20	64QAM	100	0	18.34	17.37	17.22		
20	256QAM	1	0	16.34	15.49	15.22	17	5
20	256QAM	1	49	16.14	15.46	15.14		
20	256QAM	1	99	16.26	15.44	15.10		
20	256QAM	50	0	16.26	15.42	15.12	17	5
20	256QAM	50	24	16.21	15.51	15.28		
20	256QAM	50	50	16.34	15.55	15.23		
20	256QAM	100	0	16.15	15.54	15.06		
Channel				43665	44590	45515	Tune-up limit	MPR (dB)
Frequency (MHz)				3607.5	3700	3792.5		
15	QPSK	1	0	21.07	20.25	20.17	22	0
15	QPSK	1	37	20.95	20.16	19.97		
15	QPSK	1	74	21.10	20.11	19.97		
15	QPSK	36	0	20.19	19.36	19.26	21	1
15	QPSK	36	20	20.22	19.33	19.12		
15	QPSK	36	39	19.96	19.49	19.27		
15	QPSK	75	0	20.25	19.16	19.22		
15	16QAM	1	0	19.94	19.36	18.97	21	1
15	16QAM	1	37	20.01	19.47	19.08		
15	16QAM	1	74	19.93	19.35	18.91		
15	16QAM	36	0	19.32	18.36	18.07	20	2
15	16QAM	36	20	19.04	18.23	18.21		
15	16QAM	36	39	19.11	18.46	17.99		
15	16QAM	75	0	19.06	18.45	17.88		
15	64QAM	1	0	18.93	18.49	18.19	20	2
15	64QAM	1	37	19.25	18.28	17.98		
15	64QAM	1	74	19.10	18.47	17.89		
15	64QAM	36	0	18.35	17.38	17.07	19	3
15	64QAM	36	20	18.09	17.27	17.02		
15	64QAM	36	39	18.21	17.43	17.06		
15	64QAM	75	0	18.34	17.31	17.13		
15	256QAM	1	0	16.18	15.28	15.12	17	5
15	256QAM	1	37	16.11	15.48	15.02		
15	256QAM	1	74	16.06	15.25	14.98		
15	256QAM	36	0	16.09	15.38	15.08	17	5
15	256QAM	36	20	16.18	15.40	15.16		
15	256QAM	36	39	16.27	15.38	15.05		
15	256QAM	75	0	16.00	15.32	14.85		
Channel				43640	44590	45540	Tune-up limit	MPR (dB)
Frequency (MHz)				3605	3700	3795		
10	QPSK	1	0	21.16	20.35	20.04	22	0
10	QPSK	1	25	20.87	20.15	20.06		
10	QPSK	1	49	20.92	20.03	20.04		
10	QPSK	25	0	20.14	19.25	19.25	21	1
10	QPSK	25	12	20.15	19.47	19.17		
10	QPSK	25	25	19.96	19.56	19.15		
10	QPSK	50	0	20.13	19.38	19.11		
10	16QAM	1	0	20.11	19.25	19.01	21	1
10	16QAM	1	25	20.12	19.44	18.95		
10	16QAM	1	49	20.06	19.21	19.04		
10	16QAM	25	0	19.33	18.48	18.06	20	2
10	16QAM	25	12	18.97	18.38	18.07		
10	16QAM	25	25	19.13	18.33	18.00		
10	16QAM	50	0	19.22	18.40	18.06		
10	64QAM	1	0	19.13	18.39	18.23	20	2
10	64QAM	1	25	19.29	18.22	18.06		
10	64QAM	1	49	19.12	18.38	18.06		
10	64QAM	25	0	18.14	17.40	17.03	19	3
10	64QAM	25	12	18.16	17.12	17.03		
10	64QAM	25	25	18.14	17.36	17.13		
10	64QAM	50	0	18.28	17.38	17.18		
10	256QAM	1	0	16.24	15.50	15.08	17	5
10	256QAM	1	25	15.94	15.40	14.98		
10	256QAM	1	49	16.19	15.34	15.03		
10	256QAM	25	0	16.26	15.33	15.09	17	5
10	256QAM	25	12	16.07	15.38	15.09		
10	256QAM	25	25	16.12	15.45	15.14		
10	256QAM	50	0	15.99	15.34	15.00		
Channel				43615	44590	45565	Tune-up limit	MPR (dB)
Frequency (MHz)				3602.5	3700	3797.5		
5	QPSK	1	0	21.22	20.26	20.00	22	0
5	QPSK	1	12	20.87	20.25	19.96		
5	QPSK	1	24	20.97	20.07	19.95		
5	QPSK	12	0	20.17	19.31	19.10	21	1
5	QPSK	12	7	20.19	19.45	19.14		
5	QPSK	12	13	20.00	19.42	19.10		
5	QPSK	25	0	20.08	19.32	19.14		
5	16QAM	1	0	20.00	19.36	18.94	21	1
5	16QAM	1	12	19.96	19.30	18.99		
5	16QAM	1	24	19.96	19.20	18.92		
5	16QAM	12	0	19.36	18.47	18.02	20	2
5	16QAM	12	7	19.05	18.25	18.01		
5	16QAM	12	13	19.04	18.42	18.20		
5	16QAM	25	0	19.07	18.44	17.96		
5	64QAM	1	0	19.07	18.37	18.08	20	2
5	64QAM	1	12	19.15	18.34	18.17		
5	64QAM	1	24	18.97	18.52	18.07		
5	64QAM	12	0	18.17	17.46	17.04	19	3
5	64QAM	12	7	18.26	17.22	16.90		
5	64QAM	12	13	18.05	17.42	17.03		
5	64QAM	25	0	18.30	17.34	17.16		
5	256QAM	1	0	16.35	15.43	15.05	17	5
5	256QAM	1	12	15.96	15.35	15.03		
5	256QAM	1	24	16.23	15.34	14.97		
5	256QAM	12	0	16.21	15.43	15.06	17	5
5	256QAM	12	7	16.06	15.47	15.15		
5	256QAM	12	13	16.32	15.49	15.06		
5	256QAM	25	0	16.03	15.53	15.00		

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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				42190	42680	43000	43490		
Frequency (MHz)				3460	3509	3541	3590		
20	QPSK	1	0	23.01	23.09	22.30	22.55	24	0
20	QPSK	1	49	22.98	22.98	22.26	22.60		
20	QPSK	1	99	23.07	23.01	22.37	22.60		
20	QPSK	50	0	21.88	21.99	21.14	21.46	23	1
20	QPSK	50	24	21.98	21.79	21.47	21.63		
20	QPSK	50	50	21.97	21.82	21.35	21.53		
20	QPSK	100	0	21.92	21.95	21.30	21.59		
20	16QAM	1	0	22.14	22.03	21.24	21.60	23	1
20	16QAM	1	49	22.16	22.11	21.46	21.62		
20	16QAM	1	99	21.95	21.87	21.42	21.59		
20	16QAM	50	0	21.05	20.95	20.32	20.64	22	2
20	16QAM	50	24	20.86	20.67	20.42	20.62		
20	16QAM	50	50	20.93	20.95	20.51	20.66		
20	16QAM	100	0	20.87	20.86	20.53	20.64		
20	64QAM	1	0	21.08	21.02	20.40	20.61	22	2
20	64QAM	1	49	20.77	20.62	20.35	20.67		
20	64QAM	1	99	20.86	20.71	20.51	20.66		
20	64QAM	50	0	19.97	19.81	19.46	19.63	21	3
20	64QAM	50	24	19.96	19.96	19.48	19.69		
20	64QAM	50	50	20.03	19.96	19.41	19.53		
20	64QAM	100	0	20.04	20.00	19.13	19.51		
20	256QAM	1	0	17.99	17.86	17.34	17.49	19	5
20	256QAM	1	49	18.02	17.80	17.36	17.55		
20	256QAM	1	99	17.95	17.93	17.42	17.68		
20	256QAM	50	0	17.90	17.68	17.29	17.52	19	5
20	256QAM	50	24	18.02	17.99	17.39	17.53		
20	256QAM	50	50	18.08	17.92	17.58	17.70		
20	256QAM	100	0	18.08	17.94	17.31	17.55		
Channel				42165	42670	43010	43515	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3508	3542	3592.5		
15	QPSK	1	0	22.91	22.88	22.25	22.52	24	0
15	QPSK	1	37	22.82	22.94	22.26	22.60		
15	QPSK	1	74	22.86	22.89	22.17	22.40		
15	QPSK	36	0	21.82	21.58	21.15	21.26	23	1
15	QPSK	36	20	21.90	21.90	21.47	21.45		
15	QPSK	36	39	21.88	21.78	21.28	21.32		
15	QPSK	75	0	21.86	21.78	21.15	21.37		
15	16QAM	1	0	22.14	21.82	21.18	21.59	23	1
15	16QAM	1	37	22.13	22.05	21.42	21.50		
15	16QAM	1	74	21.95	21.70	21.31	21.54		
15	16QAM	36	0	20.93	20.86	20.23	20.57	22	2
15	16QAM	36	20	20.82	20.57	20.21	20.45		
15	16QAM	36	39	20.73	20.92	20.51	20.58		
15	16QAM	75	0	20.72	20.81	20.35	20.51		
15	64QAM	1	0	20.94	21.01	20.33	20.48	22	2
15	64QAM	1	37	20.74	20.51	20.26	20.62		
15	64QAM	1	74	20.78	20.55	20.42	20.50		
15	64QAM	36	0	19.97	19.61	19.41	19.51	21	3
15	64QAM	36	20	19.81	19.79	19.36	19.52		
15	64QAM	36	39	19.96	19.85	19.35	19.47		
15	64QAM	75	0	19.90	19.90	19.15	19.46		
15	256QAM	1	0	17.95	17.85	17.24	17.45	19	5
15	256QAM	1	37	17.85	17.77	17.33	17.41		
15	256QAM	1	74	17.89	17.86	17.37	17.64		
15	256QAM	36	0	17.82	17.51	17.09	17.50	19	5
15	256QAM	36	20	17.99	17.83	17.19	17.47		
15	256QAM	36	39	18.02	17.89	17.38	17.53		
15	256QAM	75	0	18.07	17.84	17.17	17.52		
Channel				42140	42665	43015	43540	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3507.5	3542.5	3595		
10	QPSK	1	0	22.86	22.91	22.29	22.38	24	0
10	QPSK	1	25	22.78	22.85	22.24	22.39		
10	QPSK	1	49	22.89	22.84	22.31	22.47		
10	QPSK	25	0	21.88	21.69	21.14	21.39	23	1
10	QPSK	25	12	21.77	21.90	21.30	21.53		
10	QPSK	25	25	21.78	21.64	21.34	21.36		
10	QPSK	50	0	21.91	21.75	21.12	21.55		
10	16QAM	1	0	22.01	21.87	21.13	21.54	23	1
10	16QAM	1	25	22.11	22.06	21.25	21.62		
10	16QAM	1	49	21.96	21.73	21.44	21.49		
10	16QAM	25	0	21.05	20.91	20.21	20.52	22	2
10	16QAM	25	12	20.82	20.57	20.21	20.50		
10	16QAM	25	25	20.76	20.85	20.34	20.65		
10	16QAM	50	0	20.77	20.75	20.40	20.49		
10	64QAM	1	0	20.98	21.00	20.39	20.48	22	2
10	64QAM	1	25	20.69	20.57	20.29	20.56		
10	64QAM	1	49	20.79	20.58	20.48	20.65		
10	64QAM	25	0	19.83	19.75	19.47	19.53	21	3
10	64QAM	25	12	19.83	19.82	19.34	19.56		
10	64QAM	25	25	19.89	19.95	19.29	19.37		
10	64QAM	50	0	19.90	19.79	19.10	19.30		
10	256QAM	1	0	17.82	17.76	17.14	17.35	19	5
10	256QAM	1	25	17.94	17.78	17.27	17.43		
10	256QAM	1	49	17.92	17.92	17.32	17.69		
10	256QAM	25	0	17.85	17.68	17.14	17.33	19	5
10	256QAM	25	12	17.99	17.95	17.33	17.53		
10	256QAM	25	25	18.04	17.92	17.54	17.57		
10	256QAM	50	0	18.00	17.80	17.11	17.46		
Channel				42115	42660	43020	43565	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3507	3543	3597.5		
5	QPSK	1	0	22.82	22.97	22.09	22.34	24	0
5	QPSK	1	12	22.98	22.76	22.11	22.46		
5	QPSK	1	24	22.91	22.89	22.20	22.41		
5	QPSK	12	0	21.88	21.73	20.97	21.25	23	1
5	QPSK	12	7	21.96	21.87	21.27	21.51		
5	QPSK	12	13	21.90	21.80	21.14	21.49		
5	QPSK	25	0	21.85	21.93	21.20	21.58		
5	16QAM	1	0	22.15	21.83	21.12	21.57	23	1
5	16QAM	1	12	22.11	22.04	21.36	21.57		
5	16QAM	1	24	21.89	21.85	21.21	21.59		
5	16QAM	12	0	20.90	20.96	20.32	20.64	22	2
5	16QAM	12	7	20.64	20.48	20.27	20.55		
5	16QAM	12	13	20.90	20.79	20.50	20.65		
5	16QAM	25	0	20.75	20.82	20.54	20.50		
5	64QAM	1	0	20.99	21.01	20.21	20.55	22	2
5	64QAM	1	12	20.63	20.41	20.26	20.63		
5	64QAM	1	24	20.69	20.68	20.52	20.57		
5	64QAM	12	0	19.82	19.71	19.35	19.51	21	3
5	64QAM	12	7	19.75	19.88	19.30	19.50		
5	64QAM	12	13	19.91	19.95	19.19	19.43		
5	64QAM	25	0	19.86	19.91	19.01	19.37		
5	256QAM	1	0	17.87	17.86	17.32	17.32	19	5
5	256QAM	1	12	18.00	17.76	17.28	17.49		
5	256QAM	1	24	17.92	17.81	17.40	17.55		
5	256QAM	12	0	17.91	17.52	17.30	17.40	19	5
5	256QAM	12	7	18.00	17.89	17.34	17.47		
5	256QAM	12	13	18.03	17.87	17.43	17.50		
5	256QAM	25	0	18.08	17.94	17.10	17.38		

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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				43690	44590	45490		
Frequency (MHz)				3610	3700	3790		
20	QPSK	1	0	22.39	21.72	21.11	23	0
20	QPSK	1	49	22.18	21.51	21.01		
20	QPSK	1	99	22.34	21.52	21.00		
20	QPSK	50	0	21.38	20.83	20.11	22	1
20	QPSK	50	24	21.30	20.49	20.09		
20	QPSK	50	50	21.27	20.60	20.11		
20	QPSK	100	0	21.27	20.61	20.21		
20	16QAM	1	0	21.50	20.77	20.00	22	1
20	16QAM	1	49	21.21	20.60	20.08		
20	16QAM	1	99	21.34	20.47	20.12		
20	16QAM	50	0	20.44	19.60	19.15	21	2
20	16QAM	50	24	20.17	19.50	19.07		
20	16QAM	50	50	20.37	19.63	19.05		
20	16QAM	100	0	20.28	19.73	19.15		
20	64QAM	1	0	20.32	19.73	19.01	21	2
20	64QAM	1	49	20.17	19.55	19.08		
20	64QAM	1	99	20.37	19.53	19.03		
20	64QAM	50	0	19.31	18.62	18.14	20	3
20	64QAM	50	24	19.07	18.43	18.08		
20	64QAM	50	50	19.41	18.49	18.05		
20	64QAM	100	0	19.31	18.75	18.01		
20	256QAM	1	0	17.37	16.75	16.05	18	5
20	256QAM	1	49	17.12	16.51	16.01		
20	256QAM	1	99	17.40	16.56	16.09		
20	256QAM	50	0	17.47	16.80	16.05	18	5
20	256QAM	50	24	17.45	16.75	16.14		
20	256QAM	50	50	17.11	16.44	16.07		
20	256QAM	100	0	17.38	16.49	16.09		
Channel				43665	44590	45515	Tune-up limit	MPR (dB)
Frequency (MHz)				3607.5	3700	3792.5		
15	QPSK	1	0	22.19	21.53	21.09	23	0
15	QPSK	1	37	22.17	21.47	21.01		
15	QPSK	1	74	22.30	21.44	21.02		
15	QPSK	36	0	21.24	20.61	20.09	22	1
15	QPSK	36	20	21.25	20.50	20.01		
15	QPSK	36	39	21.15	20.62	20.12		
15	QPSK	75	0	21.14	20.58	20.04		
15	16QAM	1	0	21.44	20.61	20.09	22	1
15	16QAM	1	37	21.18	20.55	20.07		
15	16QAM	1	74	21.13	20.27	20.08		
15	16QAM	36	0	20.28	19.48	19.14	21	2
15	16QAM	36	20	20.14	19.36	19.08		
15	16QAM	36	39	20.25	19.49	19.06		
15	16QAM	75	0	20.21	19.53	19.05		
15	64QAM	1	0	20.27	19.66	18.06	21	2
15	64QAM	1	37	20.11	19.55	19.04		
15	64QAM	1	74	20.28	19.38	19.04		
15	64QAM	36	0	19.12	18.48	18.08	20	3
15	64QAM	36	20	18.99	18.28	18.09		
15	64QAM	36	39	19.29	18.50	18.04		
15	64QAM	75	0	19.19	18.75	18.12		
15	256QAM	1	0	17.26	16.66	16.13	18	5
15	256QAM	1	37	17.11	16.38	16.02		
15	256QAM	1	74	17.28	16.39	16.07		
15	256QAM	36	0	17.47	16.76	16.12	18	5
15	256QAM	36	20	17.31	16.75	16.08		
15	256QAM	36	39	16.95	16.32	16.01		
15	256QAM	75	0	17.20	16.47	16.07		
Channel				43640	44590	45540	Tune-up limit	MPR (dB)
Frequency (MHz)				3605	3700	3795		
10	QPSK	1	0	22.31	21.53	21.08	23	0
10	QPSK	1	25	22.20	21.38	21.08		
10	QPSK	1	49	22.23	21.31	21.08		
10	QPSK	25	0	21.37	20.75	20.09	22	1
10	QPSK	25	12	21.10	20.31	20.08		
10	QPSK	25	25	21.26	20.50	20.10		
10	QPSK	50	0	21.09	20.44	20.00		
10	16QAM	1	0	21.45	20.59	20.01	22	1
10	16QAM	1	25	21.13	20.42	20.06		
10	16QAM	1	49	21.35	20.25	20.14		
10	16QAM	25	0	20.28	19.55	19.04	21	2
10	16QAM	25	12	20.08	19.42	19.04		
10	16QAM	25	25	20.34	19.45	19.09		
10	16QAM	50	0	20.20	19.52	19.08		
10	64QAM	1	0	20.14	19.53	19.03	21	2
10	64QAM	1	25	20.00	19.50	19.00		
10	64QAM	1	49	20.16	19.52	19.01		
10	64QAM	25	0	19.13	18.56	18.04	20	3
10	64QAM	25	12	18.91	18.24	18.01		
10	64QAM	25	25	19.33	18.29	18.00		
10	64QAM	50	0	19.17	18.61	18.07		
10	256QAM	1	0	17.16	16.62	16.04	18	5
10	256QAM	1	25	17.11	16.33	16.07		
10	256QAM	1	49	17.21	16.47	16.06		
10	256QAM	25	0	17.45	16.74	16.09	18	5
10	256QAM	25	12	17.43	16.59	16.06		
10	256QAM	25	25	16.98	16.45	16.06		
10	256QAM	50	0	17.35	16.32	16.07		
Channel				43615	44590	45565	Tune-up limit	MPR (dB)
Frequency (MHz)				3602.5	3700	3797.5		
5	QPSK	1	0	22.24	21.52	21.06	23	0
5	QPSK	1	12	22.08	21.46	21.03		
5	QPSK	1	24	22.26	21.44	21.03		
5	QPSK	12	0	21.21	20.71	20.00	22	1
5	QPSK	12	7	21.19	20.29	20.09		
5	QPSK	12	13	21.17	20.40	20.04		
5	QPSK	25	0	21.23	20.60	20.01		
5	16QAM	1	0	21.39	20.72	20.03	22	1
5	16QAM	1	12	20.99	20.58	20.07		
5	16QAM	1	24	21.21	20.31	20.04		
5	16QAM	12	0	20.32	19.51	19.05	21	2
5	16QAM	12	7	20.18	19.44	19.07		
5	16QAM	12	13	20.18	19.55	19.04		
5	16QAM	25	0	20.24	19.57	19.00		
5	64QAM	1	0	20.22	19.68	19.03	21	2
5	64QAM	1	12	20.16	19.51	19.07		
5	64QAM	1	24	20.26	19.42	19.04		
5	64QAM	12	0	19.18	18.59	18.11	20	3
5	64QAM	12	7	18.96	18.30	18.08		
5	64QAM	12	13	19.34	18.39	18.05		
5	64QAM	25	0	19.30	18.62	18.01		
5	256QAM	1	0	17.22	16.65	16.00	18	5
5	256QAM	1	12	17.01	16.39	16.02		
5	256QAM	1	24	17.25	16.57	16.03		
5	256QAM	12	0	17.36	16.77	16.06	18	5
5	256QAM	12	7	17.36	16.73	16.00		
5	256QAM	12	13	17.05	16.30	16.04		
5	256QAM	25	0	17.22	16.38	16.08		

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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				42190	42680	43000	43490		
Frequency (MHz)				3460	3509	3541	3590		
20	QPSK	1	0	25.40	25.58	25.51	25.51	26	0
20	QPSK	1	49	25.31	25.41	25.36	25.41		
20	QPSK	1	99	25.33	25.27	25.37	25.34		
20	QPSK	50	0	24.43	24.74	24.61	24.67	25	1
20	QPSK	50	24	24.33	24.67	24.39	24.68		
20	QPSK	50	50	24.45	24.50	24.61	24.59		
20	QPSK	100	0	24.40	24.59	24.30	24.57		
20	16QAM	1	0	24.25	24.45	24.57	24.40	25	1
20	16QAM	1	49	24.28	24.23	24.12	24.44		
20	16QAM	1	99	24.20	23.99	24.12	24.37		
20	16QAM	50	0	23.58	23.32	23.39	23.52	24	2
20	16QAM	50	24	23.24	23.35	23.42	23.64		
20	16QAM	50	50	23.22	23.16	23.07	23.41		
20	16QAM	100	0	23.37	23.27	23.42	23.43		
20	64QAM	1	0	23.29	23.43	23.37	23.65	24	2
20	64QAM	1	49	23.42	23.21	23.25	23.70		
20	64QAM	1	99	23.32	23.38	23.29	23.74		
20	64QAM	50	0	22.34	22.46	22.37	22.56	23	3
20	64QAM	50	24	22.25	22.41	22.20	22.52		
20	64QAM	50	50	22.40	22.42	22.39	22.34		
20	64QAM	100	0	22.24	22.52	22.31	22.49		
20	256QAM	1	0	20.21	20.31	20.24	20.38	21	5
20	256QAM	1	49	20.22	20.20	20.25	20.49		
20	256QAM	1	99	20.01	20.07	20.15	20.32		
20	256QAM	50	0	20.31	20.37	20.34	20.47	21	5
20	256QAM	50	24	20.40	20.33	20.31	20.45		
20	256QAM	50	50	20.21	20.24	20.22	20.46		
20	256QAM	100	0	20.18	20.19	20.17	20.43		
Channel				42165	42670	43010	43515	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3508	3542	3592.5		
15	QPSK	1	0	25.44	25.44	25.43	25.47	26	0
15	QPSK	1	37	25.16	25.34	25.24	25.39		
15	QPSK	1	74	25.47	25.22	25.26	25.21		
15	QPSK	36	0	24.23	24.48	24.62	24.65	25	1
15	QPSK	36	20	24.51	24.66	24.62	24.47		
15	QPSK	36	39	24.44	24.43	24.45	24.59		
15	QPSK	75	0	24.37	24.55	24.51	24.41		
15	16QAM	1	0	24.27	24.29	24.27	24.30	25	1
15	16QAM	1	37	24.18	24.19	24.01	24.45		
15	16QAM	1	74	24.22	23.78	23.91	24.16		
15	16QAM	36	0	23.49	23.32	23.27	23.39	24	2
15	16QAM	36	20	23.17	23.17	23.34	23.45		
15	16QAM	36	39	23.21	23.05	23.07	23.39		
15	16QAM	75	0	23.32	23.17	23.18	23.44		
15	64QAM	1	0	23.35	23.44	23.27	23.49	24	2
15	64QAM	1	37	23.45	23.00	23.11	23.67		
15	64QAM	1	74	23.45	23.33	23.26	23.65		
15	64QAM	36	0	22.48	22.33	22.29	22.51	23	3
15	64QAM	36	20	22.15	22.20	22.39	22.52		
15	64QAM	36	39	22.27	22.22	22.32	22.24		
15	64QAM	75	0	22.36	22.34	22.34	22.41		
15	256QAM	1	0	20.16	20.24	20.16	20.33	21	5
15	256QAM	1	37	20.33	20.10	20.05	20.38		
15	256QAM	1	74	20.20	20.05	19.99	20.17		
15	256QAM	36	0	20.26	20.23	20.38	20.44	21	5
15	256QAM	36	20	20.36	20.25	20.26	20.46		
15	256QAM	36	39	20.36	20.15	20.21	20.43		
15	256QAM	75	0	20.27	20.16	20.02	20.31		
Channel				42140	42665	43015	43540	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3507.5	3542.5	3595		
10	QPSK	1	0	25.33	25.54	25.40	25.40	26	0
10	QPSK	1	25	25.23	25.35	25.34	25.41		
10	QPSK	1	49	25.46	25.20	25.09	25.20		
10	QPSK	25	0	24.45	24.56	24.61	24.47	25	1
10	QPSK	25	12	24.40	24.69	24.61	24.55		
10	QPSK	25	25	24.44	24.51	24.32	24.38		
10	QPSK	50	0	24.34	24.57	24.55	24.52		
10	16QAM	1	0	24.29	24.40	24.32	24.34	25	1
10	16QAM	1	25	24.15	24.24	24.10	24.25		
10	16QAM	1	49	24.18	23.93	23.95	24.17		
10	16QAM	25	0	23.43	23.33	23.13	23.51	24	2
10	16QAM	25	12	23.35	23.26	23.19	23.60		
10	16QAM	25	25	23.38	23.17	23.09	23.26		
10	16QAM	50	0	23.52	23.29	23.20	23.37		
10	64QAM	1	0	23.23	23.24	23.22	23.51	24	2
10	64QAM	1	25	23.45	23.11	23.06	23.55		
10	64QAM	1	49	23.43	23.30	23.35	23.69		
10	64QAM	25	0	22.47	22.29	22.39	22.41	23	3
10	64QAM	25	12	22.23	22.32	22.19	22.45		
10	64QAM	25	25	22.27	22.29	22.24	22.31		
10	64QAM	50	0	22.42	22.32	22.35	22.29		
10	256QAM	1	0	20.15	20.27	20.09	20.19	21	5
10	256QAM	1	25	20.21	20.01	20.11	20.30		
10	256QAM	1	49	20.08	19.98	19.97	20.34		
10	256QAM	25	0	20.44	20.18	20.22	20.33	21	5
10	256QAM	25	12	20.36	20.30	20.23	20.28		
10	256QAM	25	25	20.19	20.12	20.07	20.28		
10	256QAM	50	0	20.08	20.05	20.03	20.37		
Channel				42115	42660	43020	43565	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3507	3543	3597.5		
5	QPSK	1	0	25.43	25.51	25.37	25.31	26	0
5	QPSK	1	12	25.05	25.20	25.28	25.38		
5	QPSK	1	24	25.49	25.19	25.15	25.16		
5	QPSK	12	0	24.29	24.56	24.51	24.58	25	1
5	QPSK	12	7	24.48	24.69	24.64	24.59		
5	QPSK	12	13	24.38	24.41	24.35	24.50		
5	QPSK	25	0	24.35	24.41	24.47	24.36		
5	16QAM	1	0	24.20	24.25	24.37	24.19	25	1
5	16QAM	1	12	24.21	24.24	24.04	24.35		
5	16QAM	1	24	24.20	23.92	23.94	24.35		
5	16QAM	12	0	23.59	23.14	23.15	23.49	24	2
5	16QAM	12	7	23.27	23.34	23.16	23.56		
5	16QAM	12	13	23.29	23.00	23.17	23.23		
5	16QAM	25	0	23.38	23.17	23.17	23.25		
5	64QAM	1	0	23.38	23.43	23.24	23.48	24	2
5	64QAM	1	12	23.58	23.13	23.01	23.65		
5	64QAM	1	24	23.32	23.30	23.20	23.74		
5	64QAM	12	0	22.48	22.44	22.27	22.40	23	3
5	64QAM	12	7	22.27	22.32	22.33	22.35		
5	64QAM	12	13	22.34	22.23	22.35	22.22		
5	64QAM	25	0	22.29	22.45	22.39	22.35		
5	256QAM	1	0	20.22	20.13	20.18	20.31	21	5
5	256QAM	1	12	20.23	20.00	20.20	20.44		
5	256QAM	1	24	20.04	20.07	20.00	20.22		
5	256QAM	12	0	20.30	20.27	20.15	20.30	21	5
5	256QAM	12	7	20.32	20.12	20.32	20.26		
5	256QAM	12	13	20.20	20.19	20.18	20.33		
5	256QAM	25	0	20.19	20.05	20.00	20.25		

LTE Band 43_IC RSS-192 Ant 6 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44590	45490		
Frequency (MHz)				3610	3700	3790		
20	QPSK	1	0	25.38	25.40	25.34	26	0
20	QPSK	1	49	25.27	25.15	25.20		
20	QPSK	1	99	25.28	25.13	25.14		
20	QPSK	50	0	24.48	24.52	24.46	25	1
20	QPSK	50	24	24.49	24.39	24.40		
20	QPSK	50	50	24.25	24.15	24.08		
20	QPSK	100	0	24.32	24.35	24.22		
20	16QAM	1	0	24.35	24.24	24.20	25	1
20	16QAM	1	49	24.15	23.96	24.10		
20	16QAM	1	99	24.07	23.95	23.85		
20	16QAM	50	0	23.43	23.23	23.24	24	2
20	16QAM	50	24	23.35	23.18	23.21		
20	16QAM	50	50	23.29	23.13	23.27		
20	16QAM	100	0	23.27	23.24	23.08		
20	64QAM	1	0	23.37	23.37	23.19	24	2
20	64QAM	1	49	23.45	23.32	23.43		
20	64QAM	1	99	23.25	23.06	23.11		
20	64QAM	50	0	22.35	22.21	22.22	23	3
20	64QAM	50	24	22.23	22.02	22.21		
20	64QAM	50	50	22.10	22.05	22.11		
20	64QAM	100	0	22.36	22.37	22.33		
20	256QAM	1	0	20.15	20.04	20.12	21	5
20	256QAM	1	49	20.20	20.09	20.19		
20	256QAM	1	99	20.08	19.98	19.90		
20	256QAM	50	0	20.35	20.37	20.19	21	5
20	256QAM	50	24	20.24	20.06	20.25		
20	256QAM	50	50	20.21	20.19	20.19		
20	256QAM	100	0	20.08	19.95	20.00		
Channel				43665	44590	45515	Tune-up limit	MPR (dB)
Frequency (MHz)				3607.5	3700	3792.5		
15	QPSK	1	0	25.39	25.38	25.25	26	0
15	QPSK	1	37	25.09	25.16	25.17		
15	QPSK	1	74	25.24	25.19	25.15		
15	QPSK	36	0	24.41	24.27	24.44	25	1
15	QPSK	36	20	24.36	24.41	24.35		
15	QPSK	36	39	24.16	24.21	24.18		
15	QPSK	75	0	24.21	24.20	24.18		
15	16QAM	1	0	24.18	24.16	24.30	25	1
15	16QAM	1	37	24.07	24.00	24.06		
15	16QAM	1	74	24.03	23.94	23.86		
15	16QAM	36	0	23.25	23.44	23.36	24	2
15	16QAM	36	20	23.13	23.33	23.32		
15	16QAM	36	39	23.16	23.20	23.27		
15	16QAM	75	0	23.14	23.27	23.27		
15	64QAM	1	0	23.22	23.25	23.35	24	2
15	64QAM	1	37	23.42	23.33	23.45		
15	64QAM	1	74	23.18	23.17	23.10		
15	64QAM	36	0	22.30	22.22	22.16	23	3
15	64QAM	36	20	22.13	22.20	22.16		
15	64QAM	36	39	22.05	21.89	21.89		
15	64QAM	75	0	22.22	22.15	22.22		
15	256QAM	1	0	20.15	19.97	20.00	21	5
15	256QAM	1	37	20.18	20.06	20.21		
15	256QAM	1	74	20.07	20.04	19.96		
15	256QAM	36	0	20.20	20.19	20.23	21	5
15	256QAM	36	20	20.23	20.14	20.06		
15	256QAM	36	39	20.21	20.01	20.04		
15	256QAM	75	0	20.06	19.94	20.04		
Channel				43640	44590	45540	Tune-up limit	MPR (dB)
Frequency (MHz)				3605	3700	3795		
10	QPSK	1	0	25.24	25.37	25.34	26	0
10	QPSK	1	25	25.28	25.20	25.13		
10	QPSK	1	49	25.28	25.23	25.16		
10	QPSK	25	0	24.34	24.30	24.30	25	1
10	QPSK	25	12	24.35	24.47	24.45		
10	QPSK	25	25	24.17	24.09	24.05		
10	QPSK	50	0	24.15	24.27	24.32		
10	16QAM	1	0	24.33	24.21	24.23	25	1
10	16QAM	1	25	24.12	24.00	24.08		
10	16QAM	1	49	24.19	24.06	23.94		
10	16QAM	25	0	23.21	23.42	23.32	24	2
10	16QAM	25	12	23.23	23.13	23.23		
10	16QAM	25	25	23.29	23.29	23.21		
10	16QAM	50	0	23.22	23.25	23.17		
10	64QAM	1	0	23.23	23.18	23.33	24	2
10	64QAM	1	25	23.23	23.24	23.29		
10	64QAM	1	49	23.26	23.14	23.09		
10	64QAM	25	0	22.26	22.23	22.30	23	3
10	64QAM	25	12	22.10	22.10	22.14		
10	64QAM	25	25	22.11	21.98	22.04		
10	64QAM	50	0	22.15	22.21	22.26		
10	256QAM	1	0	20.16	20.15	20.04	21	5
10	256QAM	1	25	20.04	20.12	19.99		
10	256QAM	1	49	19.94	19.90	20.05		
10	256QAM	25	0	20.32	20.29	20.17	21	5
10	256QAM	25	12	20.23	20.05	20.15		
10	256QAM	25	25	20.09	20.11	20.01		
10	256QAM	50	0	19.93	19.93	19.95		
Channel				43615	44590	45565	Tune-up limit	MPR (dB)
Frequency (MHz)				3602.5	3700	3797.5		
5	QPSK	1	0	25.23	25.17	25.27	26	0
5	QPSK	1	12	25.18	25.17	25.10		
5	QPSK	1	24	25.24	25.07	25.26		
5	QPSK	12	0	24.35	24.48	24.35	25	1
5	QPSK	12	7	24.32	24.48	24.45		
5	QPSK	12	13	24.20	24.26	24.10		
5	QPSK	25	0	24.22	24.24	24.15		
5	16QAM	1	0	24.31	24.13	24.29	25	1
5	16QAM	1	12	24.18	23.96	23.98		
5	16QAM	1	24	24.02	24.00	23.96		
5	16QAM	12	0	23.38	23.26	23.40	24	2
5	16QAM	12	7	23.32	23.27	23.19		
5	16QAM	12	13	23.27	23.07	23.20		
5	16QAM	25	0	23.25	23.20	23.14		
5	64QAM	1	0	23.23	23.35	23.33	24	2
5	64QAM	1	12	23.37	23.26	23.44		
5	64QAM	1	24	23.13	23.10	23.10		
5	64QAM	12	0	22.16	22.22	22.21	23	3
5	64QAM	12	7	22.08	22.10	22.16		
5	64QAM	12	13	22.03	22.03	22.06		
5	64QAM	25	0	22.36	22.35	22.32		
5	256QAM	1	0	19.97	20.16	19.96	21	5
5	256QAM	1	12	20.17	20.00	20.11		
5	256QAM	1	24	19.93	20.06	20.04		
5	256QAM	12	0	20.25	20.18	20.22	21	5
5	256QAM	12	7	20.06	20.17	20.07		
5	256QAM	12	13	20.10	20.17	20.03		
5	256QAM	25	0	20.09	20.04	19.90		

Reduced Power Mode for DSI2 Simultaneous

Band		WCDMA II Ant 1 DSI2 Simultaneous			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI2			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI2 Simultaneous			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.95	22.81	24.00	23.45	23.54	23.51	24.50	23.00	22.98	22.95	23.50
3GPP Rel 99	RMC 12.2Kbps	22.95	23.05	22.80	24.00	23.49	23.56	23.53	24.50	23.00	23.01	22.92	23.50
3GPP Rel 6	HSDPA Subtest-1	22.04	22.07	21.81	23.00	22.47	22.56	22.42	23.50	21.98	21.99	22.04	22.50
3GPP Rel 6	HSDPA Subtest-2	21.96	21.95	21.77	23.00	22.38	22.52	22.56	23.50	22.06	21.91	22.06	22.50
3GPP Rel 6	HSDPA Subtest-3	21.34	21.55	21.35	22.50	21.96	22.06	21.96	23.00	21.38	21.72	21.37	22.00
3GPP Rel 6	HSDPA Subtest-4	21.52	21.34	21.42	22.50	21.91	22.08	22.04	23.00	21.42	21.54	21.43	22.00
3GPP Rel 6	HSUPA Subtest-1	21.95	22.01	21.90	23.00	22.50	22.65	22.47	23.50	22.14	22.15	21.91	22.50
3GPP Rel 6	HSUPA Subtest-2	19.96	19.97	19.80	21.00	20.39	20.40	20.26	21.50	20.13	19.93	19.85	20.50
3GPP Rel 6	HSUPA Subtest-3	20.95	21.04	20.70	22.00	21.54	21.47	21.50	22.50	20.60	20.63	20.54	21.50
3GPP Rel 6	HSUPA Subtest-4	19.85	19.88	19.87	21.00	20.33	20.44	20.33	21.50	20.08	20.01	19.84	20.50
3GPP Rel 6	HSUPA Subtest-5	22.01	22.05	21.76	23.00	22.58	22.54	22.58	23.50	22.02	21.96	21.97	22.50

Band 2 Ant 1 DSI2 Simultaneous

BW [MHz]	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	18.87	18.93	18.89	19.5	0
20	QPSK	1	49	18.75	18.88	18.73		
20	QPSK	1	99	18.82	18.74	18.61		
20	QPSK	50	0	18.86	18.89	18.86	19.5	0
20	QPSK	50	24	18.61	18.76	18.71		
20	QPSK	50	50	18.82	18.67	18.65		
20	QPSK	100	0	18.68	18.77	18.66		
20	16QAM	1	0	18.92	18.92	18.88	19.5	0
20	16QAM	1	49	18.58	18.78	18.74		
20	16QAM	1	99	18.88	18.68	18.63		
20	16QAM	50	0	18.88	18.82	18.88	19.5	0
20	16QAM	50	24	18.71	18.76	18.64		
20	16QAM	50	50	18.88	18.75	18.59		
20	16QAM	100	0	18.66	18.81	18.64		
20	64QAM	1	0	18.87	18.84	18.79	19.5	0
20	64QAM	1	49	18.60	18.74	18.70		
20	64QAM	1	99	18.82	18.64	18.65		
20	64QAM	50	0	18.90	18.89	18.83	19.5	0
20	64QAM	50	24	18.67	18.83	18.61		
20	64QAM	50	50	18.86	18.68	18.58		
20	64QAM	100	0	18.69	18.86	18.63		
20	256QAM	1	0	18.34	18.16	18.22	19	0.5
20	256QAM	1	49	18.30	17.94	18.11		
20	256QAM	1	99	18.06	18.12	18.18		
20	256QAM	50	0	18.26	18.18	18.28	19	0.5
20	256QAM	50	24	18.22	18.07	18.08		
20	256QAM	50	50	18.19	18.12	18.14		
20	256QAM	100	0	18.26	18.21	18.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.83	18.88	18.88	19.5	0
15	QPSK	1	37	18.69	18.85	18.71		
15	QPSK	1	74	18.83	18.73	18.62		
15	QPSK	36	0	18.85	18.89	18.82	19.5	0
15	QPSK	36	20	18.56	18.78	18.72		
15	QPSK	36	39	18.87	18.66	18.65		
15	QPSK	75	0	18.66	18.75	18.67		
15	16QAM	1	0	18.89	18.87	18.81	19.5	0
15	16QAM	1	37	18.61	18.76	18.66		
15	16QAM	1	74	18.82	18.67	18.60		
15	16QAM	36	0	18.85	18.83	18.87	19.5	0
15	16QAM	36	20	18.67	18.73	18.64		
15	16QAM	36	39	18.84	18.67	18.61		
15	16QAM	75	0	18.61	18.79	18.62		
15	64QAM	1	0	18.87	18.81	18.77	19.5	0
15	64QAM	1	37	18.61	18.71	18.68		
15	64QAM	1	74	18.81	18.67	18.61		
15	64QAM	36	0	18.89	18.89	18.80	19.5	0
15	64QAM	36	20	18.59	18.80	18.57		
15	64QAM	36	39	18.80	18.69	18.52		
15	64QAM	75	0	18.65	18.79	18.61		
15	256QAM	1	0	18.24	18.07	18.10	19	0.5
15	256QAM	1	37	18.21	17.81	18.01		
15	256QAM	1	74	17.99	18.05	18.09		
15	256QAM	36	0	18.17	18.13	18.17	19	0.5
15	256QAM	36	20	18.09	17.98	18.04		
15	256QAM	36	39	18.12	18.00	18.04		
15	256QAM	75	0	18.16	18.15	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.83	18.88	18.84	19.5	0
10	QPSK	1	25	18.69	18.84	18.69		
10	QPSK	1	49	18.82	18.75	18.62		
10	QPSK	25	0	18.83	18.88	18.84	19.5	0
10	QPSK	25	12	18.56	18.76	18.69		
10	QPSK	25	25	18.90	18.65	18.64		
10	QPSK	50	0	18.65	18.78	18.68		
10	16QAM	1	0	18.90	18.86	18.83	19.5	0
10	16QAM	1	25	18.58	18.73	18.71		
10	16QAM	1	49	18.86	18.66	18.57		
10	16QAM	25	0	18.86	18.79	18.85	19.5	0
10	16QAM	25	12	18.65	18.73	18.61		
10	16QAM	25	25	18.88	18.71	18.61		
10	16QAM	50	0	18.60	18.79	18.60		
10	64QAM	1	0	18.83	18.80	18.81	19.5	0
10	64QAM	1	25	18.60	18.73	18.65		
10	64QAM	1	49	18.81	18.63	18.62		
10	64QAM	25	0	18.89	18.89	18.75	19.5	0
10	64QAM	25	12	18.58	18.79	18.61		
10	64QAM	25	25	18.82	18.67	18.52		
10	64QAM	50	0	18.66	18.82	18.58		
10	256QAM	1	0	18.22	18.11	18.13	19	0.5
10	256QAM	1	25	18.21	17.88	18.04		
10	256QAM	1	49	17.97	18.08	18.13		
10	256QAM	25	0	18.17	18.14	18.17	19	0.5
10	256QAM	25	12	18.13	17.96	18.03		
10	256QAM	25	25	18.13	18.08	18.09		
10	256QAM	50	0	18.23	18.18	18.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.85	18.92	18.87	19.5	0
5	QPSK	1	12	18.71	18.83	18.68		
5	QPSK	1	24	18.81	18.70	18.60		
5	QPSK	12	0	18.83	18.91	18.85	19.5	0
5	QPSK	12	7	18.59	18.73	18.67		
5	QPSK	12	13	18.88	18.66	18.63		
5	QPSK	25	0	18.63	18.74	18.63		
5	16QAM	1	0	18.86	18.89	18.87	19.5	0
5	16QAM	1	12	18.60	18.73	18.71		
5	16QAM	1	24	18.83	18.62	18.55		
5	16QAM	12	0	18.87	18.81	18.84	19.5	0
5	16QAM	12	7	18.66	18.71	18.59		
5	16QAM	12	13	18.85	18.68	18.56		
5	16QAM	25	0	18.63	18.83	18.61		
5	64QAM	1	0	18.86	18.82	18.79	19.5	0
5	64QAM	1	12	18.56	18.70	18.69		
5	64QAM	1	24	18.81	18.65	18.61		
5	64QAM	12	0	18.90	18.85	18.79	19.5	0
5	64QAM	12	7	18.63	18.77	18.59		
5	64QAM	12	13	18.82	18.69	18.53		
5	64QAM	25	0	18.63	18.79	18.59		
5	256QAM	1	0	18.27	18.08	18.17	19	0.5
5	256QAM	1	12	18.19	17.84	18.07		
5	256QAM	1	24	18.00	18.07	18.10		
5	256QAM	12	0	18.20	18.13	18.21	19	0.5
5	256QAM	12	7	18.09	18.02	17.99		
5	256QAM	12	13	18.08	18.07	18.02		
5	256QAM	25	0	18.20	18.11	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.85	18.90	18.87	19.5	0
3	QPSK	1	8	18.67	18.83	18.67		
3	QPSK	1	14	18.83	18.71	18.59		
3	QPSK	8	0	18.83	18.86	18.81	19.5	0
3	QPSK	8	4	18.60	18.75	18.73		
3	QPSK	8	7	18.86	18.62	18.62		
3	QPSK	15	0	18.66	18.72	18.64		
3	16QAM	1	0	18.91	18.85	18.85	19.5	0
3	16QAM	1	8	18.55	18.75	18.72		
3	16QAM	1	14	18.86	18.65	18.59		
3	16QAM	8	0	18.83	18.83	18.87	19.5	0
3	16QAM	8	4	18.64	18.72	18.59		
3	16QAM	8	7	18.88	18.71	18.58		
3	16QAM	15	0	18.62	18.80	18.63		
3	64QAM	1	0	18.81	18.82	18.78	19.5	0
3	64QAM	1	8	18.59	18.69	18.69		
3	64QAM	1	14	18.81	18.63	18.62		
3	64QAM	8	0	18.90	18.86	18.78	19.5	0
3	64QAM	8	4	18.61	18.78	18.57		
3	64QAM	8	7	18.82	18.66	18.53		
3	64QAM	15	0	18.63	18.82	18.64		
3	256QAM	1	0	18.29	18.13	18.14	19	0.5
3	256QAM	1	8	18.18	17.87	18.06		
3	256QAM	1	14	17.94	18.06	18.06		
3	256QAM	8	0	18.18	18.13	18.17	19	0.5
3	256QAM	8	4	18.16	18.04	18.04		
3	256QAM	8	7	18.14	18.04	18.06		
3	256QAM	15	0	18.22	18.16	18.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.88	18.91	18.88	19.5	0
1.4	QPSK	1	3	18.68	18.82	18.65		
1.4	QPSK	1	5	18.78	18.75	18.58		
1.4	QPSK	3	0	18.83	18.89	18.85	19.5	0
1.4	QPSK	3	1	18.56	18.78	18.69		
1.4	QPSK	3	3	18.88	18.63	18.60		
1.4	QPSK	6	0	18.62	18.78	18.62		
1.4	16QAM	1	0	18.90	18.87	18.86	19.5	0
1.4	16QAM	1	3	18.60	18.71	18.71		
1.4	16QAM	1	5	18.83	18.66	18.58		
1.4	16QAM	3	0	18.84	18.79	18.86	19.5	0
1.4	16QAM	3	1	18.66	18.70	18.62		
1.4	16QAM	3	3	18.88	18.69	18.57		
1.4	16QAM	6	0	18.66	18.81	18.60		
1.4	64QAM	1	0	18.81	18.83	18.75	19.5	0
1.4	64QAM	1	3	18.61	18.71	18.66		
1.4	64QAM	1	5	18.83	18.64	18.61		
1.4	64QAM	3	0	18.88	18.90	18.78	19.5	0
1.4	64QAM	3	1	18.63	18.81	18.59		
1.4	64QAM	3	3	18.80	18.68	18.53		
1.4	64QAM	6	0	18.66	18.79	18.64		
1.4	256QAM	1	0	18.28	18.08	18.10	19	0.5
1.4	256QAM	1	3	18.20	17.82	18.06		
1.4	256QAM	1	5	18.01	18.02	18.15		
1.4	256QAM	3	0	18.16	18.10	18.22	19	0.5
1.4	256QAM	3	1	18.16	17.95	17.98		
1.4	256QAM	3	3	18.15	18.02	18.10		
1.4	256QAM	6	0	18.17	18.16	18.16		

Band 4 Ant 1 DSI2 Simultaneous

BW [MHz]	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	19.68	19.70	19.69	20	0
20	QPSK	1	49	19.38	19.43	19.43		
20	QPSK	1	99	19.52	19.50	19.36		
20	QPSK	50	0	19.56	19.64	19.59	20	0
20	QPSK	50	24	19.25	19.41	19.39		
20	QPSK	50	50	19.54	19.45	19.29		
20	QPSK	100	0	19.53	19.63	19.52		
20	16QAM	1	0	19.54	19.67	19.66	20	0
20	16QAM	1	49	19.24	19.34	19.35		
20	16QAM	1	99	19.50	19.47	19.30		
20	16QAM	50	0	19.50	19.64	19.52	20	0
20	16QAM	50	24	19.28	19.36	19.41		
20	16QAM	50	50	19.56	19.53	19.24		
20	16QAM	100	0	19.49	19.57	19.53		
20	64QAM	1	0	19.58	19.68	19.51	20	0
20	64QAM	1	49	19.32	19.38	19.32		
20	64QAM	1	99	19.51	19.44	19.35		
20	64QAM	50	0	19.58	19.61	19.61	20	0
20	64QAM	50	24	19.30	19.42	19.41		
20	64QAM	50	50	19.60	19.41	19.30		
20	64QAM	100	0	19.49	19.67	19.51		
20	256QAM	1	0	18.46	18.21	18.30	19	1
20	256QAM	1	49	18.44	18.33	18.19		
20	256QAM	1	99	18.18	18.38	18.42		
20	256QAM	50	0	18.29	18.21	18.43	19	1
20	256QAM	50	24	18.42	18.36	18.51		
20	256QAM	50	50	18.41	18.49	18.29		
20	256QAM	100	0	18.39	18.31	18.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.58	19.65	19.58	20	0
15	QPSK	1	37	19.24	19.40	19.36		
15	QPSK	1	74	19.54	19.42	19.28		
15	QPSK	36	0	19.52	19.67	19.50	20	0
15	QPSK	36	20	19.18	19.34	19.29		
15	QPSK	36	39	19.43	19.38	19.24		
15	QPSK	75	0	19.52	19.58	19.49		
15	16QAM	1	0	19.48	19.60	19.62	20	0
15	16QAM	1	37	19.16	19.33	19.31		
15	16QAM	1	74	19.37	19.40	19.24		
15	16QAM	36	0	19.46	19.59	19.51	20	0
15	16QAM	36	20	19.19	19.34	19.28		
15	16QAM	36	39	19.51	19.41	19.17		
15	16QAM	75	0	19.47	19.55	19.49		
15	64QAM	1	0	19.52	19.65	19.52	20	0
15	64QAM	1	37	19.29	19.37	19.35		
15	64QAM	1	74	19.39	19.37	19.29		
15	64QAM	36	0	19.55	19.62	19.51	20	0
15	64QAM	36	20	19.25	19.33	19.32		
15	64QAM	36	39	19.54	19.38	19.29		
15	64QAM	75	0	19.48	19.63	19.49		
15	256QAM	1	0	18.41	18.13	18.19	19	1
15	256QAM	1	37	18.33	18.25	18.07		
15	256QAM	1	74	18.06	18.33	18.33		
15	256QAM	36	0	18.23	18.13	18.39	19	1
15	256QAM	36	20	18.37	18.28	18.42		
15	256QAM	36	39	18.29	18.41	18.23		
15	256QAM	75	0	18.34	18.25	18.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.58	19.68	19.62	20	0
10	QPSK	1	25	19.29	19.38	19.43		
10	QPSK	1	49	19.53	19.42	19.27		
10	QPSK	25	0	19.48	19.62	19.57	20	0
10	QPSK	25	12	19.25	19.33	19.29		
10	QPSK	25	25	19.49	19.43	19.29		
10	QPSK	50	0	19.52	19.65	19.45		
10	16QAM	1	0	19.51	19.60	19.58	20	0
10	16QAM	1	25	19.23	19.35	19.27		
10	16QAM	1	49	19.36	19.40	19.23		
10	16QAM	25	0	19.46	19.67	19.54	20	0
10	16QAM	25	12	19.20	19.37	19.30		
10	16QAM	25	25	19.53	19.48	19.16		
10	16QAM	50	0	19.47	19.57	19.44		
10	64QAM	1	0	19.48	19.61	19.46	20	0
10	64QAM	1	25	19.27	19.32	19.32		
10	64QAM	1	49	19.42	19.39	19.28		
10	64QAM	25	0	19.60	19.66	19.52	20	0
10	64QAM	25	12	19.17	19.38	19.36		
10	64QAM	25	25	19.53	19.40	19.25		
10	64QAM	50	0	19.49	19.60	19.45		
10	256QAM	1	0	18.36	18.13	18.21	19	1
10	256QAM	1	25	18.33	18.24	18.13		
10	256QAM	1	49	18.12	18.34	18.34		
10	256QAM	25	0	18.16	18.17	18.33	19	1
10	256QAM	25	12	18.34	18.32	18.44		
10	256QAM	25	25	18.32	18.46	18.25		
10	256QAM	50	0	18.31	18.22	18.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.58	19.69	19.61	20	0
5	QPSK	1	12	19.32	19.40	19.43		
5	QPSK	1	24	19.53	19.44	19.35		
5	QPSK	12	0	19.48	19.66	19.48	20	0
5	QPSK	12	7	19.27	19.38	19.31		
5	QPSK	12	13	19.49	19.46	19.30		
5	QPSK	25	0	19.51	19.56	19.48		
5	16QAM	1	0	19.55	19.63	19.59	20	0
5	16QAM	1	12	19.23	19.30	19.28		
5	16QAM	1	24	19.36	19.40	19.24		
5	16QAM	12	0	19.45	19.63	19.49	20	0
5	16QAM	12	7	19.23	19.28	19.27		
5	16QAM	12	13	19.50	19.41	19.26		
5	16QAM	25	0	19.40	19.52	19.47		
5	64QAM	1	0	19.51	19.68	19.48	20	0
5	64QAM	1	12	19.28	19.34	19.35		
5	64QAM	1	24	19.43	19.42	19.24		
5	64QAM	12	0	19.57	19.63	19.57	20	0
5	64QAM	12	7	19.24	19.30	19.37		
5	64QAM	12	13	19.48	19.34	19.25		
5	64QAM	25	0	19.48	19.58	19.41		
5	256QAM	1	0	18.43	18.18	18.20	19	1
5	256QAM	1	12	18.32	18.21	18.08		
5	256QAM	1	24	18.09	18.35	18.37		
5	256QAM	12	0	18.25	18.09	18.37	19	1
5	256QAM	12	7	18.35	18.33	18.43		
5	256QAM	12	13	18.35	18.39	18.17		
5	256QAM	25	0	18.32	18.25	18.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.65	19.65	19.58	20	0
3	QPSK	1	8	19.28	19.31	19.46		
3	QPSK	1	14	19.45	19.41	19.28		
3	QPSK	8	0	19.52	19.62	19.57	20	0
3	QPSK	8	4	19.23	19.30	19.33		
3	QPSK	8	7	19.49	19.46	19.26		
3	QPSK	15	0	19.50	19.59	19.44		
3	16QAM	1	0	19.51	19.63	19.55	20	0
3	16QAM	1	8	19.21	19.35	19.30		
3	16QAM	1	14	19.46	19.44	19.27		
3	16QAM	8	0	19.53	19.62	19.50	20	0
3	16QAM	8	4	19.21	19.32	19.32		
3	16QAM	8	7	19.50	19.47	19.18		
3	16QAM	15	0	19.47	19.56	19.49		
3	64QAM	1	0	19.50	19.69	19.54	20	0
3	64QAM	1	8	19.30	19.35	19.33		
3	64QAM	1	14	19.39	19.35	19.32		
3	64QAM	8	0	19.59	19.69	19.49	20	0
3	64QAM	8	4	19.20	19.33	19.32		
3	64QAM	8	7	19.49	19.39	19.31		
3	64QAM	15	0	19.51	19.62	19.47		
3	256QAM	1	0	18.41	18.12	18.18	19	1
3	256QAM	1	8	18.34	18.29	18.12		
3	256QAM	1	14	18.07	18.35	18.30		
3	256QAM	8	0	18.23	18.18	18.32	19	1
3	256QAM	8	4	18.34	18.30	18.38		
3	256QAM	8	7	18.33	18.44	18.19		
3	256QAM	15	0	18.26	18.28	18.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.66	19.62	19.62	20	0
1.4	QPSK	1	3	19.31	19.32	19.45		
1.4	QPSK	1	5	19.47	19.46	19.27		
1.4	QPSK	3	0	19.46	19.61	19.52	20	0
1.4	QPSK	3	1	19.20	19.32	19.29		
1.4	QPSK	3	3	19.49	19.44	19.28		
1.4	QPSK	6	0	19.47	19.61	19.46		
1.4	16QAM	1	0	19.46	19.56	19.58	20	0
1.4	16QAM	1	3	19.16	19.29	19.33		
1.4	16QAM	1	5	19.38	19.43	19.31		
1.4	16QAM	3	0	19.49	19.67	19.52	20	0
1.4	16QAM	3	1	19.16	19.37	19.27		
1.4	16QAM	3	3	19.46	19.44	19.23		
1.4	16QAM	6	0	19.48	19.52	19.49		
1.4	64QAM	1	0	19.50	19.63	19.53	20	0
1.4	64QAM	1	3	19.30	19.31	19.27		
1.4	64QAM	1	5	19.43	19.38	19.31		
1.4	64QAM	3	0	19.51	19.67	19.50	20	0
1.4	64QAM	3	1	19.20	19.31	19.30		
1.4	64QAM	3	3	19.46	19.39	19.34		
1.4	64QAM	6	0	19.49	19.63	19.47		
1.4	256QAM	1	0	18.35	18.13	18.23	19	1
1.4	256QAM	1	3	18.34	18.30	18.07		
1.4	256QAM	1	5	18.07	18.29	18.30		
1.4	256QAM	3	0	18.18	18.15	18.35	19	1
1.4	256QAM	3	1	18.34	18.28	18.45		
1.4	256QAM	3	3	18.33	18.41	18.23		
1.4	256QAM	6	0	18.32	18.28	18.46		

Band 5 Ant 1 DSI2 Simultaneous

BW [MHz]	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	22.55	22.61	22.57	23.5	0
10	QPSK	1	25	22.29	22.51	22.46		
10	QPSK	1	49	22.48	22.38	22.43		
10	QPSK	25	0	22.56	22.60	22.47	23.5	0
10	QPSK	25	12	22.35	22.34	22.52		
10	QPSK	25	25	22.51	22.32	22.53		
10	QPSK	50	0	22.42	22.52	22.44		
10	16QAM	1	0	22.42	22.42	22.29	23.5	0
10	16QAM	1	25	22.36	22.27	22.47		
10	16QAM	1	49	22.38	22.45	22.39		
10	16QAM	25	0	21.56	21.36	21.53	22.5	1
10	16QAM	25	12	21.56	21.39	21.34		
10	16QAM	25	25	21.50	21.41	21.52		
10	16QAM	50	0	21.46	21.27	21.33		
10	64QAM	1	0	21.49	21.40	21.44	22.5	1
10	64QAM	1	25	21.35	21.31	21.37		
10	64QAM	1	49	21.29	21.37	21.53		
10	64QAM	25	0	20.57	20.43	20.61	21.5	2
10	64QAM	25	12	20.64	20.57	20.47		
10	64QAM	25	25	20.52	20.29	20.52		
10	64QAM	50	0	20.67	20.51	20.50		
10	256QAM	1	0	18.46	18.14	18.21	19.5	4
10	256QAM	1	25	18.41	18.31	18.11		
10	256QAM	1	49	18.12	18.32	18.33		
10	256QAM	25	0	18.16	18.21	18.45	19.5	4
10	256QAM	25	12	18.36	18.32	18.55		
10	256QAM	25	25	18.37	18.44	18.26		
10	256QAM	50	0	18.26	18.29	18.54		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.60	22.56	23.5	0
5	QPSK	1	12	22.28	22.53	22.44		
5	QPSK	1	24	22.44	22.38	22.47		
5	QPSK	12	0	22.40	22.47	22.33	23.5	0
5	QPSK	12	7	22.19	22.27	22.32		
5	QPSK	12	13	22.35	22.23	22.41		
5	QPSK	25	0	22.31	22.43	22.33		
5	16QAM	1	0	22.38	22.30	22.21	23.5	0
5	16QAM	1	12	22.18	22.22	22.35		
5	16QAM	1	24	22.18	22.36	22.17		
5	16QAM	12	0	21.36	21.28	21.40	22.5	1
5	16QAM	12	7	21.45	21.23	21.28		
5	16QAM	12	13	21.34	21.30	21.32		
5	16QAM	25	0	21.32	21.16	21.14		
5	64QAM	1	0	21.32	21.26	21.30	22.5	1
5	64QAM	1	12	21.21	21.18	21.22		
5	64QAM	1	24	21.17	21.23	21.45		
5	64QAM	12	0	20.45	20.36	20.52	21.5	2
5	64QAM	12	7	20.47	20.40	20.27		
5	64QAM	12	13	20.41	20.14	20.38		
5	64QAM	25	0	20.50	20.44	20.38		
5	256QAM	1	0	18.36	18.06	18.15	19.5	4
5	256QAM	1	12	18.23	18.12	18.01		
5	256QAM	1	24	18.02	18.18	18.26		
5	256QAM	12	0	18.10	18.09	18.27	19.5	4
5	256QAM	12	7	18.17	18.18	18.43		
5	256QAM	12	13	18.27	18.27	18.12		
5	256QAM	25	0	18.22	18.14	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.60	22.58	23.5	0
3	QPSK	1	8	22.24	22.57	22.43		
3	QPSK	1	14	22.48	22.38	22.46		
3	QPSK	8	0	22.39	22.40	22.26	23.5	0
3	QPSK	8	4	22.27	22.23	22.39		
3	QPSK	8	7	22.41	22.14	22.39		
3	QPSK	15	0	22.38	22.33	22.33		
3	16QAM	1	0	22.31	22.32	22.20	23.5	0
3	16QAM	1	8	22.11	22.21	22.34		
3	16QAM	1	14	22.23	22.33	22.27		
3	16QAM	8	0	21.52	21.10	21.41	22.5	1
3	16QAM	8	4	21.43	21.22	21.19		
3	16QAM	8	7	21.39	21.27	21.43		
3	16QAM	15	0	21.31	21.07	21.25		
3	64QAM	1	0	21.27	21.18	21.40	22.5	1
3	64QAM	1	8	21.20	21.14	21.25		
3	64QAM	1	14	21.21	21.23	21.50		
3	64QAM	8	0	20.38	20.31	20.49	21.5	2
3	64QAM	8	4	20.52	20.43	20.35		
3	64QAM	8	7	20.42	20.16	20.41		
3	64QAM	15	0	20.59	20.39	20.37		
3	256QAM	1	0	18.39	18.04	18.13	19.5	4
3	256QAM	1	8	18.27	18.09	18.02		
3	256QAM	1	14	17.97	18.15	18.16		
3	256QAM	8	0	18.08	18.06	18.27	19.5	4
3	256QAM	8	4	18.29	18.25	18.34		
3	256QAM	8	7	18.19	18.29	18.16		
3	256QAM	15	0	18.14	18.09	18.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.60	22.60	22.55	23.5	0
1.4	QPSK	1	3	22.32	22.55	22.45		
1.4	QPSK	1	5	22.51	22.41	22.51		
1.4	QPSK	3	0	22.37	22.42	22.35	23.5	0
1.4	QPSK	3	1	22.17	22.26	22.29		
1.4	QPSK	3	3	22.46	22.24	22.42		
1.4	QPSK	6	0	22.26	22.31	22.35		
1.4	16QAM	1	0	22.21	22.30	22.21	23.5	0
1.4	16QAM	1	3	22.19	22.19	22.38		
1.4	16QAM	1	5	22.29	22.30	22.22		
1.4	16QAM	3	0	21.46	21.24	21.48	22.5	1
1.4	16QAM	3	1	21.40	21.33	21.26		
1.4	16QAM	3	3	21.39	21.25	21.32		
1.4	16QAM	6	0	21.37	21.07	21.30		
1.4	64QAM	1	0	21.37	21.18	21.32	22.5	1
1.4	64QAM	1	3	21.24	21.23	21.27		
1.4	64QAM	1	5	21.18	21.32	21.39		
1.4	64QAM	3	0	20.43	20.36	20.39	21.5	2
1.4	64QAM	3	1	20.52	20.36	20.36		
1.4	64QAM	3	3	20.38	20.15	20.42		
1.4	64QAM	6	0	20.51	20.47	20.41		
1.4	256QAM	1	0	18.30	18.07	18.15	19.5	4
1.4	256QAM	1	3	18.24	18.17	17.92		
1.4	256QAM	1	5	17.95	18.29	18.24		
1.4	256QAM	3	0	18.05	18.07	18.29	19.5	4
1.4	256QAM	3	1	18.18	18.22	18.42		
1.4	256QAM	3	3	18.27	18.26	18.07		
1.4	256QAM	6	0	18.15	18.14	18.40		

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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	16.76	16.86	16.63	17	0
20	QPSK	1	49	16.44	16.67	16.62		
20	QPSK	1	99	16.84	16.55	16.70		
20	QPSK	50	0	16.71	16.83	16.55	17	0
20	QPSK	50	24	16.44	16.56	16.58		
20	QPSK	50	50	16.76	16.45	16.72		
20	QPSK	100	0	16.44	16.67	16.58		
20	16QAM	1	0	16.73	16.83	16.60	17	0
20	16QAM	1	49	16.41	16.65	16.58		
20	16QAM	1	99	16.77	16.56	16.68		
20	16QAM	50	0	16.74	16.77	16.61	17	0
20	16QAM	50	24	16.40	16.62	16.59		
20	16QAM	50	50	16.66	16.57	16.63		
20	16QAM	100	0	16.50	16.60	16.49		
20	64QAM	1	0	16.71	16.83	16.59	17	0
20	64QAM	1	49	16.42	16.64	16.64		
20	64QAM	1	99	16.80	16.53	16.68		
20	64QAM	50	0	16.77	16.85	16.62	17	0
20	64QAM	50	24	16.48	16.65	16.55		
20	64QAM	50	50	16.75	16.54	16.65		
20	64QAM	100	0	16.41	16.63	16.60		
20	256QAM	1	0	16.73	16.36	16.46	17	0
20	256QAM	1	49	16.70	16.51	16.35		
20	256QAM	1	99	16.44	16.69	16.56		
20	256QAM	50	0	16.45	16.37	16.52	17	0
20	256QAM	50	24	16.61	16.56	16.61		
20	256QAM	50	50	16.76	16.82	16.45		
20	256QAM	100	0	16.51	16.57	16.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.70	16.81	16.53	17	0
15	QPSK	1	37	16.43	16.65	16.50		
15	QPSK	1	74	16.72	16.54	16.61		
15	QPSK	36	0	16.67	16.79	16.53	17	0
15	QPSK	36	20	16.43	16.55	16.53		
15	QPSK	36	39	16.70	16.44	16.62		
15	QPSK	75	0	16.44	16.59	16.55		
15	16QAM	1	0	16.68	16.78	16.52	17	0
15	16QAM	1	37	16.44	16.59	16.56		
15	16QAM	1	74	16.71	16.53	16.63		
15	16QAM	36	0	16.74	16.74	16.50	17	0
15	16QAM	36	20	16.43	16.61	16.51		
15	16QAM	36	39	16.70	16.53	16.51		
15	16QAM	75	0	16.42	16.56	16.43		
15	64QAM	1	0	16.76	16.77	16.56	17	0
15	64QAM	1	37	16.42	16.61	16.53		
15	64QAM	1	74	16.78	16.43	16.64		
15	64QAM	36	0	16.72	16.75	16.54	17	0
15	64QAM	36	20	16.34	16.61	16.52		
15	64QAM	36	39	16.64	16.54	16.61		
15	64QAM	75	0	16.37	16.63	16.58		
15	256QAM	1	0	16.72	16.30	16.39	17	0
15	256QAM	1	37	16.64	16.44	16.31		
15	256QAM	1	74	16.43	16.67	16.54		
15	256QAM	36	0	16.39	16.40	16.47	17	0
15	256QAM	36	20	16.57	16.52	16.56		
15	256QAM	36	39	16.70	16.77	16.38		
15	256QAM	75	0	16.54	16.59	16.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.71	16.82	16.62	17	0
10	QPSK	1	25	16.39	16.63	16.54		
10	QPSK	1	49	16.76	16.44	16.61		
10	QPSK	25	0	16.67	16.76	16.58	17	0
10	QPSK	25	12	16.47	16.53	16.52		
10	QPSK	25	25	16.65	16.46	16.65		
10	QPSK	50	0	16.46	16.59	16.51		
10	16QAM	1	0	16.67	16.76	16.54	17	0
10	16QAM	1	25	16.34	16.60	16.51		
10	16QAM	1	49	16.71	16.47	16.63		
10	16QAM	25	0	16.66	16.73	16.53	17	0
10	16QAM	25	12	16.36	16.66	16.48		
10	16QAM	25	25	16.60	16.52	16.53		
10	16QAM	50	0	16.39	16.50	16.50		
10	64QAM	1	0	16.74	16.79	16.51	17	0
10	64QAM	1	25	16.37	16.63	16.51		
10	64QAM	1	49	16.70	16.43	16.58		
10	64QAM	25	0	16.76	16.76	16.54	17	0
10	64QAM	25	12	16.40	16.56	16.51		
10	64QAM	25	25	16.67	16.52	16.63		
10	64QAM	50	0	16.40	16.62	16.58		
10	256QAM	1	0	16.71	16.29	16.48	17	0
10	256QAM	1	25	16.61	16.42	16.31		
10	256QAM	1	49	16.39	16.64	16.57		
10	256QAM	25	0	16.43	16.39	16.45	17	0
10	256QAM	25	12	16.66	16.49	16.57		
10	256QAM	25	25	16.69	16.70	16.46		
10	256QAM	50	0	16.50	16.56	16.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.70	16.79	16.56	17	0
5	QPSK	1	12	16.42	16.60	16.50		
5	QPSK	1	24	16.78	16.47	16.67		
5	QPSK	12	0	16.63	16.75	16.54	17	0
5	QPSK	12	7	16.47	16.53	16.59		
5	QPSK	12	13	16.68	16.44	16.59		
5	QPSK	25	0	16.39	16.63	16.55		
5	16QAM	1	0	16.61	16.73	16.46	17	0
5	16QAM	1	12	16.35	16.57	16.48		
5	16QAM	1	24	16.79	16.44	16.63		
5	16QAM	12	0	16.65	16.78	16.55	17	0
5	16QAM	12	7	16.44	16.56	16.51		
5	16QAM	12	13	16.67	16.45	16.54		
5	16QAM	25	0	16.44	16.52	16.49		
5	64QAM	1	0	16.69	16.83	16.55	17	0
5	64QAM	1	12	16.41	16.62	16.50		
5	64QAM	1	24	16.71	16.51	16.62		
5	64QAM	12	0	16.73	16.77	16.57	17	0
5	64QAM	12	7	16.41	16.59	16.51		
5	64QAM	12	13	16.68	16.46	16.68		
5	64QAM	25	0	16.35	16.64	16.57		
5	256QAM	1	0	16.70	16.34	16.44	17	0
5	256QAM	1	12	16.66	16.43	16.29		
5	256QAM	1	24	16.41	16.66	16.54		
5	256QAM	12	0	16.45	16.39	16.51	17	0
5	256QAM	12	7	16.60	16.48	16.56		
5	256QAM	12	13	16.69	16.78	16.43		
5	256QAM	25	0	16.47	16.56	16.72		

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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	18.93	18.97	18.94	19.5	0
20	QPSK	1	49	18.77	18.90	18.76		
20	QPSK	1	99	18.89	18.81	18.69		
20	QPSK	50	0	18.93	18.96	18.92	19.5	0
20	QPSK	50	24	18.66	18.84	18.78		
20	QPSK	50	50	18.95	18.72	18.71		
20	QPSK	100	0	18.72	18.83	18.73		
20	16QAM	1	0	18.96	18.95	18.92	19.5	0
20	16QAM	1	49	18.66	18.81	18.77		
20	16QAM	1	99	18.93	18.72	18.65		
20	16QAM	50	0	18.93	18.89	18.93	19.5	0
20	16QAM	50	24	18.75	18.80	18.70		
20	16QAM	50	50	18.93	18.77	18.67		
20	16QAM	100	0	18.71	18.88	18.70		
20	64QAM	1	0	18.92	18.91	18.86	19.5	0
20	64QAM	1	49	18.67	18.80	18.75		
20	64QAM	1	99	18.90	18.72	18.71		
20	64QAM	50	0	18.96	18.96	18.86	19.5	0
20	64QAM	50	24	18.69	18.88	18.68		
20	64QAM	50	50	18.89	18.75	18.62		
20	64QAM	100	0	18.72	18.88	18.69		
20	256QAM	1	0	18.15	18.04	18.11	19	0.5
20	256QAM	1	49	18.26	18.21	18.04		
20	256QAM	1	99	18.07	18.25	18.18		
20	256QAM	50	0	18.01	18.11	18.26	19	0.5
20	256QAM	50	24	18.13	18.24	18.19		
20	256QAM	50	50	18.25	18.25	18.19		
20	256QAM	100	0	18.17	18.09	18.32		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.89	18.92	18.90	19.5	0
15	QPSK	1	37	18.72	18.85	18.72		
15	QPSK	1	74	18.92	18.76	18.67		
15	QPSK	36	0	18.85	18.92	18.88	19.5	0
15	QPSK	36	20	18.58	18.81	18.75		
15	QPSK	36	39	18.92	18.68	18.65		
15	QPSK	75	0	18.64	18.75	18.66		
15	16QAM	1	0	18.89	18.89	18.88	19.5	0
15	16QAM	1	37	18.61	18.76	18.69		
15	16QAM	1	74	18.88	18.66	18.58		
15	16QAM	36	0	18.91	18.96	18.91	19.5	0
15	16QAM	36	20	18.67	18.78	18.68		
15	16QAM	36	39	18.89	18.70	18.61		
15	16QAM	75	0	18.65	18.86	18.67		
15	64QAM	1	0	18.86	18.86	18.80	19.5	0
15	64QAM	1	37	18.63	18.74	18.68		
15	64QAM	1	74	18.84	18.64	18.66		
15	64QAM	36	0	18.92	18.88	18.78	19.5	0
15	64QAM	36	20	18.64	18.84	18.63		
15	64QAM	36	39	18.82	18.67	18.58		
15	64QAM	75	0	18.67	18.83	18.61		
15	256QAM	1	0	18.02	17.91	18.01	19	0.5
15	256QAM	1	37	18.14	18.09	17.98		
15	256QAM	1	74	18.00	18.15	18.13		
15	256QAM	36	0	17.90	18.01	18.16	19	0.5
15	256QAM	36	20	18.08	18.21	18.08		
15	256QAM	36	39	18.19	18.19	18.07		
15	256QAM	75	0	18.12	17.97	18.20		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.90	18.90	18.90	19.5	0
10	QPSK	1	25	18.73	18.85	18.71		
10	QPSK	1	49	18.92	18.75	18.62		
10	QPSK	25	0	18.89	18.94	18.86	19.5	0
10	QPSK	25	12	18.63	18.81	18.73		
10	QPSK	25	25	18.92	18.65	18.66		
10	QPSK	50	0	18.70	18.81	18.66		
10	16QAM	1	0	18.89	18.89	18.89	19.5	0
10	16QAM	1	25	18.59	18.74	18.69		
10	16QAM	1	49	18.86	18.69	18.61		
10	16QAM	25	0	18.91	18.95	18.85	19.5	0
10	16QAM	25	12	18.70	18.76	18.65		
10	16QAM	25	25	18.87	18.74	18.62		
10	16QAM	50	0	18.67	18.82	18.64		
10	64QAM	1	0	18.86	18.87	18.83	19.5	0
10	64QAM	1	25	18.62	18.76	18.70		
10	64QAM	1	49	18.87	18.66	18.65		
10	64QAM	25	0	18.90	18.90	18.79	19.5	0
10	64QAM	25	12	18.61	18.85	18.63		
10	64QAM	25	25	18.87	18.69	18.59		
10	64QAM	50	0	18.67	18.81	18.61		
10	256QAM	1	0	18.06	17.93	17.99	19	0.5
10	256QAM	1	25	18.22	18.12	17.99		
10	256QAM	1	49	17.94	18.22	18.14		
10	256QAM	25	0	17.92	18.03	18.20	19	0.5
10	256QAM	25	12	18.08	18.13	18.12		
10	256QAM	25	25	18.15	18.21	18.08		
10	256QAM	50	0	18.11	17.97	18.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.85	18.94	18.90	19.5	0
5	QPSK	1	12	18.71	18.82	18.70		
5	QPSK	1	24	18.93	18.75	18.65		
5	QPSK	12	0	18.86	18.92	18.86	19.5	0
5	QPSK	12	7	18.59	18.77	18.71		
5	QPSK	12	13	18.91	18.64	18.65		
5	QPSK	25	0	18.65	18.80	18.70		
5	16QAM	1	0	18.92	18.90	18.84	19.5	0
5	16QAM	1	12	18.60	18.73	18.70		
5	16QAM	1	24	18.89	18.68	18.57		
5	16QAM	12	0	18.90	18.93	18.90	19.5	0
5	16QAM	12	7	18.69	18.76	18.63		
5	16QAM	12	13	18.90	18.74	18.61		
5	16QAM	25	0	18.69	18.83	18.62		
5	64QAM	1	0	18.85	18.86	18.83	19.5	0
5	64QAM	1	12	18.64	18.73	18.69		
5	64QAM	1	24	18.82	18.64	18.65		
5	64QAM	12	0	18.88	18.94	18.81	19.5	0
5	64QAM	12	7	18.64	18.84	18.63		
5	64QAM	12	13	18.82	18.72	18.56		
5	64QAM	25	0	18.65	18.80	18.63		
5	256QAM	1	0	18.04	17.97	18.02	19	0.5
5	256QAM	1	12	18.16	18.11	17.97		
5	256QAM	1	24	18.01	18.20	18.06		
5	256QAM	12	0	17.94	18.04	18.13	19	0.5
5	256QAM	12	7	18.09	18.20	18.15		
5	256QAM	12	13	18.22	18.22	18.07		
5	256QAM	25	0	18.13	18.03	18.23		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.88	18.92	18.91	19.5	0
3	QPSK	1	8	18.69	18.86	18.73		
3	QPSK	1	14	18.96	18.76	18.62		
3	QPSK	8	0	18.86	18.91	18.86	19.5	0
3	QPSK	8	4	18.61	18.80	18.75		
3	QPSK	8	7	18.92	18.67	18.67		
3	QPSK	15	0	18.66	18.76	18.68		
3	16QAM	1	0	18.92	18.93	18.88	19.5	0
3	16QAM	1	8	18.62	18.77	18.74		
3	16QAM	1	14	18.89	18.68	18.61		
3	16QAM	8	0	18.94	18.93	18.86	19.5	0
3	16QAM	8	4	18.70	18.72	18.62		
3	16QAM	8	7	18.91	18.74	18.61		
3	16QAM	15	0	18.66	18.83	18.67		
3	64QAM	1	0	18.86	18.87	18.80	19.5	0
3	64QAM	1	8	18.59	18.73	18.72		
3	64QAM	1	14	18.88	18.66	18.64		
3	64QAM	8	0	18.94	18.91	18.82	19.5	0
3	64QAM	8	4	18.61	18.82	18.61		
3	64QAM	8	7	18.82	18.69	18.59		
3	64QAM	15	0	18.66	18.80	18.65		
3	256QAM	1	0	18.05	17.95	18.03	19	0.5
3	256QAM	1	8	18.22	18.13	17.97		
3	256QAM	1	14	18.02	18.12	18.09		
3	256QAM	8	0	17.96	18.07	18.19	19	0.5
3	256QAM	8	4	18.04	18.15	18.13		
3	256QAM	8	7	18.15	18.18	18.06		
3	256QAM	15	0	18.06	18.03	18.25		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.88	18.91	18.86	19.5	0
1.4	QPSK	1	3	18.73	18.83	18.71		
1.4	QPSK	1	5	18.94	18.75	18.64		
1.4	QPSK	3	0	18.89	18.93	18.90	19.5	0
1.4	QPSK	3	1	18.60	18.81	18.73		
1.4	QPSK	3	3	18.92	18.64	18.68		
1.4	QPSK	6	0	18.69	18.77	18.68		
1.4	16QAM	1	0	18.91	18.92	18.88	19.5	0
1.4	16QAM	1	3	18.62	18.79	18.75		
1.4	16QAM	1	5	18.88	18.67	18.61		
1.4	16QAM	3	0	18.93	18.91	18.85	19.5	0
1.4	16QAM	3	1	18.71	18.76	18.64		
1.4	16QAM	3	3	18.90	18.74	18.60		
1.4	16QAM	6	0	18.68	18.84	18.68		
1.4	64QAM	1	0	18.87	18.83	18.81	19.5	0
1.4	64QAM	1	3	18.63	18.72	18.72		
1.4	64QAM	1	5	18.84	18.64	18.67		
1.4	64QAM	3	0	18.90	18.94	18.83	19.5	0
1.4	64QAM	3	1	18.63	18.86	18.61		
1.4	64QAM	3	3	18.85	18.68	18.57		
1.4	64QAM	6	0	18.65	18.82	18.61		
1.4	256QAM	1	0	18.08	17.95	18.08	19	0.5
1.4	256QAM	1	3	18.18	18.11	17.93		
1.4	256QAM	1	5	18.02	18.19	18.07		
1.4	256QAM	3	0	17.97	18.00	18.20	19	0.5
1.4	256QAM	3	1	18.04	18.19	18.10		
1.4	256QAM	3	3	18.16	18.13	18.11		
1.4	256QAM	6	0	18.14	18.02	18.23		

Band 26 for FCC Ant 1 DSI2 Simultaneous

BW [MHz]	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	22.61	22.64	22.62	23.5	0
15	QPSK	1	37	22.30	22.57	22.36		
15	QPSK	1	74	22.55	22.31	22.36		
15	QPSK	36	0	22.52	22.61	22.51	23.5	0
15	QPSK	36	20	22.36	22.37	22.25		
15	QPSK	36	39	22.47	22.21	22.32		
15	QPSK	75	0	22.26	22.45	22.42		
15	16QAM	1	0	22.25	22.11	22.17	23.5	0
15	16QAM	1	37	22.21	22.42	22.29		
15	16QAM	1	74	22.25	22.36	22.37		
15	16QAM	36	0	21.62	21.29	21.40	22.5	1
15	16QAM	36	20	21.56	21.25	21.17		
15	16QAM	36	39	21.45	21.40	21.59		
15	16QAM	75	0	21.41	21.15	21.41		
15	64QAM	1	0	21.44	21.22	21.35	22.5	1
15	64QAM	1	37	21.25	21.36	21.26		
15	64QAM	1	74	21.41	21.49	21.39		
15	64QAM	36	0	20.47	20.39	20.46	21.5	2
15	64QAM	36	20	20.43	20.41	20.61		
15	64QAM	36	39	20.54	20.27	20.29		
15	64QAM	75	0	20.47	20.42	20.33		
15	256QAM	1	0	18.15	18.20	18.32	19.5	4
15	256QAM	1	37	18.30	18.24	18.10		
15	256QAM	1	74	18.12	18.42	18.38		
15	256QAM	36	0	18.02	18.27	18.27	19.5	4
15	256QAM	36	20	18.15	18.22	18.29		
15	256QAM	36	39	18.45	18.44	18.24		
15	256QAM	75	0	18.25	18.13	18.42		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.59	22.57	23.5	0
10	QPSK	1	25	22.27	22.56	22.30		
10	QPSK	1	49	22.54	22.19	22.32		
10	QPSK	25	0	22.46	22.52	22.47	23.5	0
10	QPSK	25	12	22.24	22.28	22.15		
10	QPSK	25	25	22.38	22.12	22.26		
10	QPSK	50	0	22.20	22.42	22.37		
10	16QAM	1	0	22.18	21.98	22.07	23.5	0
10	16QAM	1	25	22.11	22.30	22.17		
10	16QAM	1	49	22.21	22.30	22.29		
10	16QAM	25	0	21.58	21.17	21.33	22.5	1
10	16QAM	25	12	21.51	21.14	21.09		
10	16QAM	25	25	21.38	21.30	21.53		
10	16QAM	50	0	21.31	21.07	21.35		
10	64QAM	1	0	21.40	21.12	21.27	22.5	1
10	64QAM	1	25	21.13	21.29	21.13		
10	64QAM	1	49	21.37	21.45	21.35		
10	64QAM	25	0	20.42	20.35	20.39	21.5	2
10	64QAM	25	12	20.30	20.36	20.48		
10	64QAM	25	25	20.49	20.22	20.24		
10	64QAM	50	0	20.38	20.36	20.26		
10	256QAM	1	0	18.03	18.09	18.28	19.5	4
10	256QAM	1	25	18.23	18.12	18.02		
10	256QAM	1	49	18.09	18.35	18.28		
10	256QAM	25	0	17.98	18.16	18.17	19.5	4
10	256QAM	25	12	18.08	18.19	18.21		
10	256QAM	25	25	18.38	18.35	18.20		
10	256QAM	50	0	18.21	18.03	18.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.61	22.55	23.5	0
5	QPSK	1	12	22.31	22.55	22.25		
5	QPSK	1	24	22.56	22.19	22.34		
5	QPSK	12	0	22.40	22.58	22.47	23.5	0
5	QPSK	12	7	22.24	22.25	22.22		
5	QPSK	12	13	22.38	22.16	22.26		
5	QPSK	25	0	22.20	22.37	22.30		
5	16QAM	1	0	22.18	22.04	22.05	23.5	0
5	16QAM	1	12	22.09	22.32	22.20		
5	16QAM	1	24	22.21	22.31	22.32		
5	16QAM	12	0	21.58	21.19	21.34	22.5	1
5	16QAM	12	7	21.51	21.20	21.15		
5	16QAM	12	13	21.39	21.34	21.50		
5	16QAM	25	0	21.32	21.05	21.32		
5	64QAM	1	0	21.31	21.09	21.27	22.5	1
5	64QAM	1	12	21.20	21.30	21.22		
5	64QAM	1	24	21.34	21.44	21.30		
5	64QAM	12	0	20.36	20.31	20.43	21.5	2
5	64QAM	12	7	20.39	20.34	20.50		
5	64QAM	12	13	20.47	20.17	20.17		
5	64QAM	25	0	20.35	20.35	20.26		
5	256QAM	1	0	18.11	18.09	18.21	19.5	4
5	256QAM	1	12	18.23	18.18	18.01		
5	256QAM	1	24	18.01	18.30	18.33		
5	256QAM	12	0	17.94	18.15	18.24	19.5	4
5	256QAM	12	7	18.08	18.10	18.22		
5	256QAM	12	13	18.35	18.33	18.20		
5	256QAM	25	0	18.15	18.01	18.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.54	22.61	22.61	23.5	0
3	QPSK	1	8	22.34	22.52	22.23		
3	QPSK	1	14	22.53	22.22	22.37		
3	QPSK	8	0	22.44	22.48	22.41	23.5	0
3	QPSK	8	4	22.25	22.24	22.16		
3	QPSK	8	7	22.38	22.14	22.26		
3	QPSK	15	0	22.19	22.38	22.35		
3	16QAM	1	0	22.19	22.02	22.12	23.5	0
3	16QAM	1	8	22.16	22.34	22.21		
3	16QAM	1	14	22.20	22.27	22.29		
3	16QAM	8	0	21.55	21.23	21.32	22.5	1
3	16QAM	8	4	21.50	21.22	21.11		
3	16QAM	8	7	21.41	21.29	21.48		
3	16QAM	15	0	21.36	21.10	21.29		
3	64QAM	1	0	21.33	21.18	21.27	22.5	1
3	64QAM	1	8	21.17	21.25	21.17		
3	64QAM	1	14	21.35	21.38	21.27		
3	64QAM	8	0	20.39	20.35	20.38	21.5	2
3	64QAM	8	4	20.37	20.30	20.56		
3	64QAM	8	7	20.51	20.15	20.21		
3	64QAM	15	0	20.42	20.33	20.23		
3	256QAM	1	0	18.10	18.11	18.26	19.5	4
3	256QAM	1	8	18.24	18.20	18.05		
3	256QAM	1	14	18.02	18.35	18.27		
3	256QAM	8	0	17.93	18.15	18.20	19.5	4
3	256QAM	8	4	18.07	18.14	18.22		
3	256QAM	8	7	18.36	18.37	18.17		
3	256QAM	15	0	18.14	18.08	18.35		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.63	22.63	23.5	0
1.4	QPSK	1	3	22.28	22.57	22.26		
1.4	QPSK	1	5	22.57	22.24	22.33		
1.4	QPSK	3	0	22.51	22.54	22.57	23.5	0
1.4	QPSK	3	1	22.28	22.28	22.56		
1.4	QPSK	3	3	22.41	22.17	22.49		
1.4	QPSK	6	0	22.16	22.36	22.35		
1.4	16QAM	1	0	22.17	22.04	22.13	23.5	0
1.4	16QAM	1	3	22.14	22.30	22.18		
1.4	16QAM	1	5	22.15	22.29	22.32		
1.4	16QAM	3	0	21.56	21.26	21.32	22.5	1
1.4	16QAM	3	1	21.51	21.19	21.29		
1.4	16QAM	3	3	21.53	21.32	21.50		
1.4	16QAM	6	0	21.28	21.11	21.29		
1.4	64QAM	1	0	21.40	21.09	21.23	22.5	1
1.4	64QAM	1	3	21.15	21.33	21.17		
1.4	64QAM	1	5	21.35	21.45	21.29		
1.4	64QAM	3	0	20.40	20.30	20.36	21.5	2
1.4	64QAM	3	1	20.36	20.29	20.50		
1.4	64QAM	3	3	20.41	20.24	20.17		
1.4	64QAM	6	0	20.39	20.32	20.28		
1.4	256QAM	1	0	18.09	18.09	18.21	19.5	4
1.4	256QAM	1	3	18.21	18.15	18.05		
1.4	256QAM	1	5	18.06	18.32	18.32		
1.4	256QAM	3	0	17.94	18.21	18.17	19.5	4
1.4	256QAM	3	1	18.04	18.13	18.24		
1.4	256QAM	3	3	18.34	18.35	18.18		
1.4	256QAM	6	0	18.19	18.09	18.30		

Band 30 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.32		22.5	0
10	QPSK	1	25		21.18			
10	QPSK	1	49		20.89			
10	QPSK	25	0		21.22		22.5	0
10	QPSK	25	12		21.16			
10	QPSK	25	25		20.80			
10	QPSK	50	0		21.15			
10	16QAM	1	0		21.22		22.5	0
10	16QAM	1	25		21.16			
10	16QAM	1	49		20.83			
10	16QAM	25	0		20.60		22	0.5
10	16QAM	25	12		20.42			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.37			
10	64QAM	1	0		20.30		22	0.5
10	64QAM	1	25		20.50			
10	64QAM	1	49		20.75			
10	64QAM	25	0		19.63		21	1.5
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.50			
10	64QAM	50	0		19.56			
10	256QAM	1	0		17.50		19	3.5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.42		19	3.5
10	256QAM	25	12		17.40			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.34			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.11	21.07	21.08	22.5	0
5	QPSK	1	12	21.08	21.05	20.86		
5	QPSK	1	24	21.13	20.75	21.08		
5	QPSK	12	0	21.16	21.09	21.05	22.5	0
5	QPSK	12	7	21.04	21.06	20.93		
5	QPSK	12	13	21.15	20.76	21.11		
5	QPSK	25	0	21.05	21.03	20.89		
5	16QAM	1	0	21.18	21.07	21.08	22.5	0
5	16QAM	1	12	21.02	21.11	20.85		
5	16QAM	1	24	21.14	20.80	21.05		
5	16QAM	12	0	20.66	20.48	20.49	22	0.5
5	16QAM	12	7	20.59	20.33	20.42		
5	16QAM	12	13	20.54	20.58	20.61		
5	16QAM	25	0	20.45	20.32	20.51		
5	64QAM	1	0	20.47	20.23	20.59	22	0.5
5	64QAM	1	12	20.30	20.46	20.32		
5	64QAM	1	24	20.42	20.64	20.54		
5	64QAM	12	0	19.55	19.54	19.66	21	1.5
5	64QAM	12	7	19.54	19.49	19.65		
5	64QAM	12	13	19.49	19.44	19.47		
5	64QAM	25	0	19.65	19.46	19.51		
5	256QAM	1	0	17.41	17.39	17.48	19	3.5
5	256QAM	1	12	17.34	17.28	17.35		
5	256QAM	1	24	17.23	17.47	17.61		
5	256QAM	12	0	17.11	17.38	17.46	19	3.5
5	256QAM	12	7	17.17	17.28	17.35		
5	256QAM	12	13	17.49	17.60	17.39		
5	256QAM	25	0	17.43	17.22	17.57		

Band 66 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	17	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	19.71	19.77	19.73	20	0
20	QPSK	1	49	19.38	19.45	19.51		
20	QPSK	1	99	19.60	19.54	19.42		
20	QPSK	50	0	19.58	19.75	19.63	20	0
20	QPSK	50	24	19.32	19.44	19.43		
20	QPSK	50	50	19.57	19.51	19.37		
20	QPSK	100	0	19.61	19.70	19.58		
20	16QAM	1	0	19.60	19.70	19.68	20	0
20	16QAM	1	49	19.30	19.43	19.39		
20	16QAM	1	99	19.51	19.54	19.37		
20	16QAM	50	0	19.59	19.73	19.61	20	0
20	16QAM	50	24	19.30	19.43	19.42		
20	16QAM	50	50	19.59	19.54	19.31		
20	16QAM	100	0	19.54	19.65	19.56		
20	64QAM	1	0	19.60	19.75	19.59	20	0
20	64QAM	1	49	19.38	19.45	19.41		
20	64QAM	1	99	19.54	19.48	19.38		
20	64QAM	50	0	19.65	19.76	19.63	20	0
20	64QAM	50	24	19.31	19.43	19.42		
20	64QAM	50	50	19.60	19.48	19.39		
20	64QAM	100	0	19.58	19.71	19.55		
20	256QAM	1	0	18.09	18.21	18.23	19	1
20	256QAM	1	49	18.15	18.09	18.00		
20	256QAM	1	99	17.93	18.37	18.22		
20	256QAM	50	0	18.17	18.18	18.13	19	1
20	256QAM	50	24	18.14	18.02	18.11		
20	256QAM	50	50	18.45	18.44	18.16		
20	256QAM	100	0	18.04	18.13	18.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.70	19.73	19.72	20	0
15	QPSK	1	37	19.34	19.43	19.47		
15	QPSK	1	74	19.58	19.49	19.38		
15	QPSK	36	0	19.57	19.70	19.61	20	0
15	QPSK	36	20	19.27	19.39	19.41		
15	QPSK	36	39	19.57	19.48	19.32		
15	QPSK	75	0	19.57	19.66	19.52		
15	16QAM	1	0	19.60	19.64	19.63	20	0
15	16QAM	1	37	19.27	19.40	19.34		
15	16QAM	1	74	19.50	19.53	19.35		
15	16QAM	36	0	19.53	19.71	19.61	20	0
15	16QAM	36	20	19.27	19.41	19.40		
15	16QAM	36	39	19.53	19.53	19.26		
15	16QAM	75	0	19.50	19.62	19.51		
15	64QAM	1	0	19.57	19.74	19.56	20	0
15	64QAM	1	37	19.34	19.44	19.36		
15	64QAM	1	74	19.50	19.46	19.36		
15	64QAM	36	0	19.65	19.73	19.58	20	0
15	64QAM	36	20	19.29	19.42	19.41		
15	64QAM	36	39	19.59	19.45	19.36		
15	64QAM	75	0	19.55	19.65	19.51		
15	256QAM	1	0	18.02	18.09	18.15	19	1
15	256QAM	1	37	18.11	18.05	17.92		
15	256QAM	1	74	17.86	18.27	18.19		
15	256QAM	36	0	18.07	18.10	18.05	19	1
15	256QAM	36	20	18.10	17.97	18.00		
15	256QAM	36	39	18.32	18.37	18.07		
15	256QAM	75	0	17.97	18.10	18.37		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.69	19.74	19.68	20	0
10	QPSK	1	25	19.35	19.40	19.48		
10	QPSK	1	49	19.54	19.52	19.39		
10	QPSK	25	0	19.56	19.75	19.58	20	0
10	QPSK	25	12	19.29	19.39	19.37		
10	QPSK	25	25	19.55	19.47	19.34		
10	QPSK	50	0	19.55	19.67	19.58		
10	16QAM	1	0	19.59	19.65	19.62	20	0
10	16QAM	1	25	19.29	19.40	19.35		
10	16QAM	1	49	19.48	19.53	19.31		
10	16QAM	25	0	19.57	19.69	19.58	20	0
10	16QAM	25	12	19.27	19.38	19.37		
10	16QAM	25	25	19.58	19.51	19.31		
10	16QAM	50	0	19.51	19.63	19.54		
10	64QAM	1	0	19.58	19.75	19.58	20	0
10	64QAM	1	25	19.35	19.44	19.38		
10	64QAM	1	49	19.52	19.44	19.34		
10	64QAM	25	0	19.59	19.70	19.61	20	0
10	64QAM	25	12	19.28	19.39	19.39		
10	64QAM	25	25	19.56	19.46	19.34		
10	64QAM	50	0	19.57	19.71	19.50		
10	256QAM	1	0	18.01	18.17	18.18	19	1
10	256QAM	1	25	18.05	18.02	17.94		
10	256QAM	1	49	17.86	18.32	18.09		
10	256QAM	25	0	18.08	18.13	18.10	19	1
10	256QAM	25	12	18.08	17.93	18.01		
10	256QAM	25	25	18.40	18.38	18.09		
10	256QAM	50	0	17.91	18.09	18.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.70	19.73	19.68	20	0
5	QPSK	1	12	19.37	19.43	19.50		
5	QPSK	1	24	19.56	19.53	19.37		
5	QPSK	12	0	19.53	19.74	19.62	20	0
5	QPSK	12	7	19.30	19.40	19.37		
5	QPSK	12	13	19.54	19.50	19.36		
5	QPSK	25	0	19.57	19.69	19.58		
5	16QAM	1	0	19.58	19.68	19.65	20	0
5	16QAM	1	12	19.29	19.42	19.36		
5	16QAM	1	24	19.49	19.50	19.34		
5	16QAM	12	0	19.53	19.68	19.60	20	0
5	16QAM	12	7	19.26	19.39	19.36		
5	16QAM	12	13	19.55	19.50	19.28		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.54	19.76	19.55	20	0
5	64QAM	1	12	19.36	19.40	19.38		
5	64QAM	1	24	19.48	19.44	19.35		
5	64QAM	12	0	19.64	19.71	19.57	20	0
5	64QAM	12	7	19.27	19.42	19.36		
5	64QAM	12	13	19.59	19.48	19.38		
5	64QAM	25	0	19.58	19.70	19.51		
5	256QAM	1	0	18.00	18.18	18.16	19	1
5	256QAM	1	12	18.05	17.96	17.97		
5	256QAM	1	24	17.89	18.31	18.09		
5	256QAM	12	0	18.09	18.12	18.03	19	1
5	256QAM	12	7	18.09	17.91	18.02		
5	256QAM	12	13	18.35	18.33	18.08		
5	256QAM	25	0	17.97	18.01	18.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.68	19.72	19.71	20	0
3	QPSK	1	8	19.32	19.39	19.46		
3	QPSK	1	14	19.57	19.51	19.39		
3	QPSK	8	0	19.54	19.74	19.61	20	0
3	QPSK	8	4	19.29	19.38	19.42		
3	QPSK	8	7	19.53	19.48	19.36		
3	QPSK	15	0	19.58	19.65	19.56		
3	16QAM	1	0	19.60	19.65	19.64	20	0
3	16QAM	1	8	19.27	19.40	19.36		
3	16QAM	1	14	19.46	19.49	19.34		
3	16QAM	8	0	19.53	19.71	19.59	20	0
3	16QAM	8	4	19.25	19.42	19.38		
3	16QAM	8	7	19.58	19.49	19.26		
3	16QAM	15	0	19.48	19.65	19.52		
3	64QAM	1	0	19.54	19.72	19.54	20	0
3	64QAM	1	8	19.38	19.41	19.35		
3	64QAM	1	14	19.48	19.44	19.32		
3	64QAM	8	0	19.60	19.75	19.61	20	0
3	64QAM	8	4	19.27	19.39	19.41		
3	64QAM	8	7	19.57	19.46	19.35		
3	64QAM	15	0	19.56	19.68	19.54		
3	256QAM	1	0	17.99	18.15	18.14	19	1
3	256QAM	1	8	18.03	18.04	17.90		
3	256QAM	1	14	17.87	18.33	18.17		
3	256QAM	8	0	18.10	18.13	18.03	19	1
3	256QAM	8	4	18.03	17.94	18.00		
3	256QAM	8	7	18.41	18.34	18.10		
3	256QAM	15	0	17.92	18.06	18.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.67	19.75	19.68	20	0
1.4	QPSK	1	3	19.33	19.42	19.45		
1.4	QPSK	1	5	19.57	19.53	19.37		
1.4	QPSK	3	0	19.55	19.71	19.59	20	0
1.4	QPSK	3	1	19.28	19.40	19.42		
1.4	QPSK	3	3	19.52	19.46	19.33		
1.4	QPSK	6	0	19.57	19.64	19.54		
1.4	16QAM	1	0	19.60	19.66	19.63	20	0
1.4	16QAM	1	3	19.27	19.41	19.36		
1.4	16QAM	1	5	19.49	19.48	19.34		
1.4	16QAM	3	0	19.54	19.71	19.61	20	0
1.4	16QAM	3	1	19.25	19.39	19.42		
1.4	16QAM	3	3	19.57	19.54	19.26		
1.4	16QAM	6	0	19.53	19.60	19.52		
1.4	64QAM	1	0	19.60	19.73	19.57	20	0
1.4	64QAM	1	3	19.35	19.40	19.40		
1.4	64QAM	1	5	19.51	19.42	19.32		
1.4	64QAM	3	0	19.60	19.76	19.59	20	0
1.4	64QAM	3	1	19.25	19.41	19.39		
1.4	64QAM	3	3	19.59	19.46	19.37		
1.4	64QAM	6	0	19.55	19.65	19.50		
1.4	256QAM	1	0	18.02	18.14	18.14	19	1
1.4	256QAM	1	3	18.02	18.00	17.97		
1.4	256QAM	1	5	17.85	18.33	18.15		
1.4	256QAM	3	0	18.05	18.12	18.09	19	1
1.4	256QAM	3	1	18.04	17.93	18.05		
1.4	256QAM	3	3	18.39	18.38	18.04		
1.4	256QAM	6	0	17.96	18.00	18.36		

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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	18.91	18.93	18.83	20	0
20	QPSK	1	49	18.63	18.81	18.79		
20	QPSK	1	99	18.88	18.65	18.76		
20	QPSK	50	0	18.83	18.89	18.76	20	0
20	QPSK	50	24	18.61	18.80	18.70		
20	QPSK	50	50	18.83	18.59	18.72		
20	QPSK	100	0	18.58	18.76	18.73		
20	16QAM	1	0	18.83	18.90	18.77	20	0
20	16QAM	1	49	18.60	18.82	18.75		
20	16QAM	1	99	18.81	18.63	18.74		
20	16QAM	50	0	18.85	18.91	18.79	20	0
20	16QAM	50	24	18.58	18.76	18.70		
20	16QAM	50	50	18.84	18.60	18.77		
20	16QAM	100	0	18.58	18.77	18.72		
20	64QAM	1	0	18.83	18.92	18.80	20	0
20	64QAM	1	49	18.62	18.80	18.71		
20	64QAM	1	99	18.87	18.60	18.75		
20	64QAM	50	0	18.84	18.90	18.79	20	0
20	64QAM	50	24	18.57	18.80	18.73		
20	64QAM	50	50	18.86	18.64	18.71		
20	64QAM	100	0	18.61	18.77	18.76		
20	256QAM	1	0	18.59	18.33	18.46	20	0
20	256QAM	1	49	18.57	18.52	18.33		
20	256QAM	1	99	18.33	18.56	18.56		
20	256QAM	50	0	18.50	18.41	18.59	20	0
20	256QAM	50	24	18.55	18.50	18.71		
20	256QAM	50	50	18.64	18.70	18.44		
20	256QAM	100	0	18.55	18.47	18.75		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.87	18.89	18.79	20	0
15	QPSK	1	37	18.61	18.75	18.71		
15	QPSK	1	74	18.82	18.58	18.74		
15	QPSK	36	0	18.75	18.84	18.70	20	0
15	QPSK	36	20	18.58	18.75	18.63		
15	QPSK	36	39	18.81	18.55	18.65		
15	QPSK	75	0	18.52	18.70	18.70		
15	16QAM	1	0	18.77	18.82	18.73	20	0
15	16QAM	1	37	18.55	18.76	18.71		
15	16QAM	1	74	18.77	18.56	18.68		
15	16QAM	36	0	18.82	18.87	18.76	20	0
15	16QAM	36	20	18.55	18.71	18.63		
15	16QAM	36	39	18.77	18.56	18.71		
15	16QAM	75	0	18.53	18.70	18.66		
15	64QAM	1	0	18.76	18.89	18.77	20	0
15	64QAM	1	37	18.56	18.75	18.67		
15	64QAM	1	74	18.84	18.55	18.68		
15	64QAM	36	0	18.81	18.88	18.72	20	0
15	64QAM	36	20	18.52	18.75	18.68		
15	64QAM	36	39	18.81	18.61	18.66		
15	64QAM	75	0	18.54	18.72	18.68		
15	256QAM	1	0	18.50	18.22	18.36	20	0
15	256QAM	1	37	18.52	18.47	18.21		
15	256QAM	1	74	18.25	18.52	18.43		
15	256QAM	36	0	18.41	18.35	18.54	20	0
15	256QAM	36	20	18.47	18.39	18.65		
15	256QAM	36	39	18.60	18.64	18.35		
15	256QAM	75	0	18.43	18.37	18.71		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.87	18.89	18.75	20	0
10	QPSK	1	25	18.60	18.78	18.75		
10	QPSK	1	49	18.82	18.60	18.73		
10	QPSK	25	0	18.76	18.87	18.71	20	0
10	QPSK	25	12	18.58	18.75	18.67		
10	QPSK	25	25	18.76	18.52	18.67		
10	QPSK	50	0	18.56	18.70	18.68		
10	16QAM	1	0	18.80	18.83	18.74	20	0
10	16QAM	1	25	18.56	18.79	18.70		
10	16QAM	1	49	18.76	18.57	18.70		
10	16QAM	25	0	18.82	18.88	18.74	20	0
10	16QAM	25	12	18.53	18.71	18.63		
10	16QAM	25	25	18.80	18.53	18.74		
10	16QAM	50	0	18.55	18.72	18.70		
10	64QAM	1	0	18.80	18.85	18.73	20	0
10	64QAM	1	25	18.57	18.74	18.66		
10	64QAM	1	49	18.83	18.58	18.69		
10	64QAM	25	0	18.82	18.86	18.74	20	0
10	64QAM	25	12	18.51	18.78	18.71		
10	64QAM	25	25	18.83	18.58	18.68		
10	64QAM	50	0	18.59	18.72	18.73		
10	256QAM	1	0	18.52	18.28	18.35	20	0
10	256QAM	1	25	18.49	18.47	18.22		
10	256QAM	1	49	18.26	18.44	18.51		
10	256QAM	25	0	18.44	18.32	18.46	20	0
10	256QAM	25	12	18.48	18.44	18.63		
10	256QAM	25	25	18.59	18.58	18.40		
10	256QAM	50	0	18.49	18.42	18.69		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.87	18.91	18.75	20	0
5	QPSK	1	12	18.57	18.74	18.75		
5	QPSK	1	24	18.81	18.61	18.72		
5	QPSK	12	0	18.78	18.82	18.74	20	0
5	QPSK	12	7	18.55	18.77	18.68		
5	QPSK	12	13	18.75	18.57	18.66		
5	QPSK	25	0	18.51	18.73	18.71		
5	16QAM	1	0	18.77	18.87	18.69	20	0
5	16QAM	1	12	18.55	18.77	18.71		
5	16QAM	1	24	18.75	18.58	18.68		
5	16QAM	12	0	18.79	18.89	18.74	20	0
5	16QAM	12	7	18.56	18.72	18.66		
5	16QAM	12	13	18.78	18.55	18.73		
5	16QAM	25	0	18.53	18.73	18.67		
5	64QAM	1	0	18.78	18.84	18.78	20	0
5	64QAM	1	12	18.55	18.77	18.64		
5	64QAM	1	24	18.79	18.56	18.70		
5	64QAM	12	0	18.78	18.87	18.75	20	0
5	64QAM	12	7	18.53	18.74	18.65		
5	64QAM	12	13	18.82	18.59	18.66		
5	64QAM	25	0	18.59	18.70	18.71		
5	256QAM	1	0	18.56	18.21	18.42	20	0
5	256QAM	1	12	18.45	18.41	18.30		
5	256QAM	1	24	18.24	18.49	18.48		
5	256QAM	12	0	18.47	18.30	18.49	20	0
5	256QAM	12	7	18.52	18.46	18.63		
5	256QAM	12	13	18.57	18.58	18.38		
5	256QAM	25	0	18.43	18.40	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. /	Power Middle Ch. / Freq.	Power High Middle Ch. /	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	18.95	19.08	19.16	19.15	18.91	20	0
20	QPSK	1	49	18.64	18.83	18.96	18.95	18.82		
20	QPSK	1	99	18.83	19.04	18.86	18.94	18.93		
20	QPSK	50	0	18.93	19.01	19.10	19.09	18.85	20	0
20	QPSK	50	24	18.59	18.84	18.91	18.84	18.77		
20	QPSK	50	50	18.78	18.96	18.86	18.85	18.91		
20	QPSK	100	0	18.57	18.80	18.96	18.83	18.79		
20	16QAM	1	0	18.84	18.98	19.11	19.06	18.92	20	0
20	16QAM	1	49	18.61	18.82	18.94	18.91	18.81		
20	16QAM	1	99	18.80	18.98	18.82	18.86	18.92		
20	16QAM	50	0	18.89	19.02	19.12	19.04	18.92	20	0
20	16QAM	50	24	18.57	18.84	18.95	18.90	18.78		
20	16QAM	50	50	18.83	18.93	18.80	18.86	18.93		
20	16QAM	100	0	18.63	18.77	18.89	18.83	18.80		
20	64QAM	1	0	18.93	19.01	19.04	19.06	18.87	20	0
20	64QAM	1	49	18.59	18.83	18.96	18.84	18.81		
20	64QAM	1	99	18.82	18.97	18.83	18.90	18.87		
20	64QAM	50	0	18.90	19.02	19.07	19.08	18.86	20	0
20	64QAM	50	24	18.65	18.84	18.91	18.89	18.73		
20	64QAM	50	50	18.75	18.95	18.84	18.85	18.91		
20	64QAM	100	0	18.61	18.81	18.87	18.85	18.82		
20	256QAM	1	0	18.65	18.78	18.60	18.66	18.63	20	0
20	256QAM	1	49	18.73	18.79	18.72	18.55	18.48		
20	256QAM	1	99	18.50	18.60	18.76	18.79	18.73		
20	256QAM	50	0	18.51	18.66	18.53	18.83	18.70	20	0
20	256QAM	50	24	18.67	18.84	18.76	18.91	18.77		
20	256QAM	50	50	18.68	18.82	18.92	18.69	18.60		
20	256QAM	100	0	18.62	18.73	18.71	18.95	18.77		
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	18.87	19.04	19.09	19.09	18.88	20.00	0
15	QPSK	1	37	18.58	18.79	18.90	18.92	18.76		
15	QPSK	1	74	18.79	18.98	18.84	18.90	18.87		
15	QPSK	36	0	18.90	18.94	19.05	19.02	18.81	20	0
15	QPSK	36	20	18.56	18.82	18.88	18.78	18.71		
15	QPSK	36	39	18.75	18.89	18.84	18.78	18.84		
15	QPSK	75	0	18.53	18.73	18.93	18.78	18.76		
15	16QAM	1	0	18.81	18.92	19.08	19.03	18.87	20	0
15	16QAM	1	37	18.54	18.75	18.91	18.89	18.74		
15	16QAM	1	74	18.75	18.92	18.76	18.80	18.87		
15	16QAM	36	0	18.83	19.00	19.09	18.99	18.86	20	0
15	16QAM	36	20	18.55	18.79	18.92	18.87	18.75		
15	16QAM	36	39	18.79	18.86	18.77	18.82	18.88		
15	16QAM	75	0	18.58	18.74	18.86	18.80	18.77		
15	64QAM	1	0	18.86	18.94	18.99	19.00	18.82	20	0
15	64QAM	1	37	18.52	18.77	18.93	18.79	18.77		
15	64QAM	1	74	18.80	18.90	18.76	18.85	18.83		
15	64QAM	36	0	18.83	18.99	19.03	19.05	18.83	20	0
15	64QAM	36	20	18.57	18.82	18.83	18.84	18.71		
15	64QAM	36	39	18.72	18.89	18.77	18.83	18.85		
15	64QAM	75	0	18.53	18.78	18.84	18.81	18.76		
15	256QAM	1	0	18.55	18.68	18.51	18.62	18.54	20	0
15	256QAM	1	37	18.65	18.76	18.62	18.51	18.41		
15	256QAM	1	74	18.42	18.54	18.73	18.74	18.65		
15	256QAM	36	0	18.41	18.61	18.46	18.78	18.62	20	0
15	256QAM	36	20	18.54	18.77	18.72	18.82	18.66		
15	256QAM	36	39	18.64	18.76	18.81	18.62	18.49		
15	256QAM	75	0	18.59	18.67	18.60	18.90	18.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.93	19.05	19.11	19.12	18.88	20.00	0
10	QPSK	1	25	18.58	18.76	18.93	18.92	18.79		
10	QPSK	1	49	18.77	19.02	18.83	18.88	18.88		
10	QPSK	25	0	18.86	18.98	19.05	19.06	18.81	20	0
10	QPSK	25	12	18.57	18.77	18.88	18.76	18.69		
10	QPSK	25	25	18.75	18.94	18.79	18.78	18.86		
10	QPSK	50	0	18.53	18.72	18.90	18.75	18.75		
10	16QAM	1	0	18.80	18.95	19.07	19.02	18.87	20	0
10	16QAM	1	25	18.53	18.75	18.90	18.84	18.78		
10	16QAM	1	49	18.73	18.91	18.77	18.81	18.89		
10	16QAM	25	0	18.87	18.96	19.05	18.97	18.90	20	0
10	16QAM	25	12	18.51	18.81	18.93	18.86	18.76		
10	16QAM	25	25	18.76	18.87	18.75	18.82	18.87		
10	16QAM	50	0	18.57	18.72	18.82	18.77	18.77		
10	64QAM	1	0	18.86	18.98	18.97	19.04	18.80	20	0
10	64QAM	1	25	18.54	18.76	18.93	18.80	18.75		
10	64QAM	1	49	18.77	18.91	18.78	18.85	18.81		
10	64QAM	25	0	18.83	18.99	19.03	19.05	18.78	20	0
10	64QAM	25	12	18.61	18.77	18.85	18.86	18.68		
10	64QAM	25	25	18.70	18.91	18.80	18.81	18.86		
10	64QAM	50	0	18.55	18.76	18.81	18.80	18.79		
10	256QAM	1	0	18.53	18.72	18.57	18.58	18.54	20	0
10	256QAM	1	25	18.66	18.74	18.66	18.46	18.40		
10	256QAM	1	49	18.44	18.52	18.66	18.73	18.65		
10	256QAM	25	0	18.43	18.62	18.45	18.74	18.61	20	0
10	256QAM	25	12	18.63	18.71	18.66	18.78	18.64		
10	256QAM	25	25	18.56	18.69	18.84	18.57	18.53		
10	256QAM	50	0	18.57	18.70	18.62	18.91	18.67		
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	18.92	19.02	19.09	19.08	18.88	20.00	0
5	QPSK	1	12	18.57	18.78	18.92	18.90	18.75		
5	QPSK	1	24	18.76	19.01	18.82	18.88	18.87		
5	QPSK	12	0	18.89	18.95	19.06	19.01	18.82	20	0
5	QPSK	12	7	18.52	18.77	18.84	18.77	18.72		
5	QPSK	12	13	18.74	18.89	18.83	18.79	18.83		
5	QPSK	25	0	18.52	18.76	18.93	18.77	18.74		
5	16QAM	1	0	18.81	18.96	19.03	19.00	18.86	20	0
5	16QAM	1	12	18.58	18.77	18.86	18.88	18.78		
5	16QAM	1	24	18.76	18.91	18.76	18.83	18.85		
5	16QAM	12	0	18.82	18.98	19.05	18.96	18.86	20	0
5	16QAM	12	7	18.52	18.80	18.90	18.87	18.74		
5	16QAM	12	13	18.79	18.88	18.74	18.78	18.89		
5	16QAM	25	0	18.60	18.75	18.84	18.78	18.74		
5	64QAM	1	0	18.91	18.96	18.97	19.00	18.85	20	0
5	64QAM	1	12	18.53	18.78	18.91	18.81	18.78		
5	64QAM	1	24	18.78	18.91	18.79	18.83	18.85		
5	64QAM	12	0	18.84	18.96	19.01	19.03	18.83	20	0
5	64QAM	12	7	18.59	18.80	18.84	18.84	18.65		
5	64QAM	12	13	18.68	18.91	18.81	18.78	18.86		
5	64QAM	25	0	18.56	18.78	18.82	18.82	18.75		
5	256QAM	1	0	18.58	18.67	18.54	18.54	18.58	20	0
5	256QAM	1	12	18.67	18.72	18.63	18.43	18.40		
5	256QAM	1	24	18.41	18.47	18.63	18.76	18.60		
5	256QAM	12	0	18.42	18.61	18.48	18.73	18.64	20	0
5	256QAM	12	7	18.55	18.75	18.64	18.81	18.72		
5	256QAM	12	13	18.58	18.76	18.88	18.65	18.57		
5	256QAM	25	0	18.51	18.64	18.62	18.86	18.73		

Band 7 Ant 2 DSI2 Simultaneous

BW [MHz]	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	22.89	22.90	22.81	24	0
20	QPSK	1	49	22.56	22.67	22.61		
20	QPSK	1	99	22.77	22.60	22.65		
20	QPSK	50	0	22.74	22.79	22.72	24	0
20	QPSK	50	24	22.44	22.48	22.64		
20	QPSK	50	50	22.71	22.49	22.65		
20	QPSK	100	0	22.62	22.71	22.62		
20	16QAM	1	0	22.71	22.61	22.54	24	0
20	16QAM	1	49	22.58	22.60	22.58		
20	16QAM	1	99	22.62	22.70	22.49		
20	16QAM	50	0	21.72	21.51	21.68	23	1
20	16QAM	50	24	21.72	21.51	21.57		
20	16QAM	50	50	21.57	21.59	21.67		
20	16QAM	100	0	21.58	21.44	21.52		
20	64QAM	1	0	21.63	21.59	21.59	23	1
20	64QAM	1	49	21.56	21.51	21.56		
20	64QAM	1	99	21.53	21.51	21.72		
20	64QAM	50	0	20.69	20.69	20.86	22	2
20	64QAM	50	24	20.76	20.71	20.62		
20	64QAM	50	50	20.68	20.49	20.65		
20	64QAM	100	0	20.79	20.71	20.75		
20	256QAM	1	0	18.63	18.33	18.41	20	4
20	256QAM	1	49	18.58	18.46	18.38		
20	256QAM	1	99	18.36	18.58	18.54		
20	256QAM	50	0	18.45	18.34	18.55	20	4
20	256QAM	50	24	18.58	18.48	18.65		
20	256QAM	50	50	18.57	18.61	18.41		
20	256QAM	100	0	18.55	18.46	18.70		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.72	22.82	22.78	24	0
15	QPSK	1	37	22.54	22.57	22.63		
15	QPSK	1	74	22.75	22.53	22.64		
15	QPSK	36	0	22.69	22.66	22.65	24	0
15	QPSK	36	20	22.36	22.43	22.55		
15	QPSK	36	39	22.58	22.36	22.56		
15	QPSK	75	0	22.53	22.62	22.54		
15	16QAM	1	0	22.62	22.54	22.47	24	0
15	16QAM	1	37	22.49	22.48	22.45		
15	16QAM	1	74	22.52	22.64	22.38		
15	16QAM	36	0	21.64	21.43	21.61	23	1
15	16QAM	36	20	21.62	21.47	21.48		
15	16QAM	36	39	21.48	21.53	21.57		
15	16QAM	75	0	21.53	21.37	21.43		
15	64QAM	1	0	21.52	21.53	21.47	23	1
15	64QAM	1	37	21.51	21.43	21.46		
15	64QAM	1	74	21.43	21.47	21.62		
15	64QAM	36	0	20.65	20.61	20.80	22	2
15	64QAM	36	20	20.65	20.61	20.57		
15	64QAM	36	39	20.59	20.41	20.57		
15	64QAM	75	0	20.74	20.65	20.68		
15	256QAM	1	0	18.59	18.22	18.36	20	4
15	256QAM	1	37	18.50	18.42	18.28		
15	256QAM	1	74	18.30	18.55	18.44		
15	256QAM	36	0	18.33	18.27	18.45	20	4
15	256QAM	36	20	18.52	18.37	18.57		
15	256QAM	36	39	18.53	18.55	18.34		
15	256QAM	75	0	18.44	18.38	18.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.75	22.81	22.83	24	0
10	QPSK	1	25	22.48	22.61	22.57		
10	QPSK	1	49	22.76	22.54	22.59		
10	QPSK	25	0	22.70	22.73	22.65	24	0
10	QPSK	25	12	22.40	22.43	22.54		
10	QPSK	25	25	22.63	22.42	22.56		
10	QPSK	50	0	22.55	22.65	22.51		
10	16QAM	1	0	22.62	22.52	22.50	24	0
10	16QAM	1	25	22.54	22.55	22.53		
10	16QAM	1	49	22.53	22.57	22.43		
10	16QAM	25	0	21.68	21.45	21.65	23	1
10	16QAM	25	12	21.68	21.47	21.50		
10	16QAM	25	25	21.54	21.53	21.59		
10	16QAM	50	0	21.48	21.31	21.47		
10	64QAM	1	0	21.52	21.50	21.54	23	1
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.41	21.43	21.66		
10	64QAM	25	0	20.64	20.66	20.79	22	2
10	64QAM	25	12	20.65	20.68	20.57		
10	64QAM	25	25	20.62	20.43	20.61		
10	64QAM	50	0	20.76	20.68	20.64		
10	256QAM	1	0	18.56	18.24	18.34	20	4
10	256QAM	1	25	18.50	18.36	18.32		
10	256QAM	1	49	18.30	18.48	18.48		
10	256QAM	25	0	18.41	18.29	18.51	20	4
10	256QAM	25	12	18.46	18.45	18.60		
10	256QAM	25	25	18.52	18.53	18.34		
10	256QAM	50	0	18.42	18.38	18.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.67	22.82	22.82	24	0
5	QPSK	1	12	22.50	22.64	22.62		
5	QPSK	1	24	22.67	22.50	22.62		
5	QPSK	12	0	22.68	22.68	22.67	24	0
5	QPSK	12	7	22.40	22.37	22.61		
5	QPSK	12	13	22.66	22.43	22.53		
5	QPSK	25	0	22.57	22.60	22.52		
5	16QAM	1	0	22.64	22.52	22.43	24	0
5	16QAM	1	12	22.48	22.49	22.53		
5	16QAM	1	24	22.56	22.63	22.39		
5	16QAM	12	0	21.63	21.39	21.59	23	1
5	16QAM	12	7	21.64	21.47	21.54		
5	16QAM	12	13	21.46	21.52	21.59		
5	16QAM	25	0	21.45	21.36	21.45		
5	64QAM	1	0	21.53	21.53	21.53	23	1
5	64QAM	1	12	21.45	21.42	21.49		
5	64QAM	1	24	21.49	21.47	21.68		
5	64QAM	12	0	20.56	20.65	20.79	22	2
5	64QAM	12	7	20.72	20.60	20.54		
5	64QAM	12	13	20.59	20.45	20.62		
5	64QAM	25	0	20.70	20.61	20.66		
5	256QAM	1	0	18.60	18.22	18.34	20	4
5	256QAM	1	12	18.54	18.36	18.28		
5	256QAM	1	24	18.32	18.46	18.42		
5	256QAM	12	0	18.40	18.21	18.52	20	4
5	256QAM	12	7	18.54	18.44	18.55		
5	256QAM	12	13	18.48	18.50	18.33		
5	256QAM	25	0	18.48	18.34	18.58		

Reduced Power Mode for DSI 6&7

Band		WCDMA II Ant 0 DSI6&7			Tune-up Limit (dBm)	WCDMA IV Ant 0 DSI6&7			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	23.55	23.58	23.51	24.50	23.58	23.68	23.61	24.50
3GPP Rel 99	RMC 12.2Kbps	23.59	23.62	23.56	24.50	23.62	23.71	23.66	24.50
3GPP Rel 6	HSDPA Subtest-1	22.52	22.60	22.65	23.50	22.52	22.68	22.74	23.50
3GPP Rel 6	HSDPA Subtest-2	22.68	22.59	22.67	23.50	22.66	22.61	22.71	23.50
3GPP Rel 6	HSDPA Subtest-3	22.14	22.04	21.98	23.00	22.13	22.21	22.10	23.00
3GPP Rel 6	HSDPA Subtest-4	22.03	22.02	22.03	23.00	22.04	22.25	22.10	23.00
3GPP Rel 6	HSUPA Subtest-1	22.58	22.60	22.56	23.50	22.66	22.82	22.61	23.50
3GPP Rel 6	HSUPA Subtest-2	20.52	20.66	20.62	21.50	20.66	20.51	20.50	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.60	21.56	22.50	21.66	21.68	21.56	22.50
3GPP Rel 6	HSUPA Subtest-4	20.51	20.71	20.57	21.50	20.51	20.64	20.59	21.50
3GPP Rel 6	HSUPA Subtest-5	22.69	22.56	22.67	23.50	22.55	22.62	22.55	23.50

Band 2 Ant 0 DSI6&7

BW [MHz]	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	22.84	22.87	22.74	24	0
20	QPSK	1	49	22.68	22.65	22.70		
20	QPSK	1	99	22.71	22.70	22.64		
20	QPSK	50	0	21.82	21.98	21.80	23	1
20	QPSK	50	24	21.78	21.95	21.78		
20	QPSK	50	50	21.72	21.76	21.78		
20	QPSK	100	0	21.75	21.93	21.74		
20	16QAM	1	0	21.91	21.77	21.99	23	1
20	16QAM	1	49	21.91	21.95	21.72		
20	16QAM	1	99	21.88	21.98	21.92		
20	16QAM	50	0	20.76	20.81	20.77	22	2
20	16QAM	50	24	20.83	20.81	20.97		
20	16QAM	50	50	20.87	20.91	20.91		
20	16QAM	100	0	20.97	20.98	20.82		
20	64QAM	1	0	20.84	20.86	20.85	22	2
20	64QAM	1	49	20.72	20.85	20.77		
20	64QAM	1	99	20.81	20.81	20.81		
20	64QAM	50	0	19.82	19.93	19.97	21	3
20	64QAM	50	24	20.00	19.88	19.74		
20	64QAM	50	50	19.87	19.91	19.87		
20	64QAM	100	0	19.84	19.84	20.01		
20	256QAM	1	0	18.29	18.30	18.15	19	5
20	256QAM	1	49	18.24	18.25	18.31		
15	256QAM	1	37	18.22	18.14	18.22	19	5
15	256QAM	1	74	18.17	18.23	18.18		
15	256QAM	36	0	18.25	18.04	18.18	19	5
15	256QAM	36	20	18.02	18.11	18.07		
15	256QAM	36	39	18.21	18.04	18.01		
15	256QAM	75	0	18.21	18.22	17.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.80	22.67	24	0
10	QPSK	1	25	22.56	22.53	22.60		
10	QPSK	1	49	22.58	22.58	22.52		
10	QPSK	25	0	21.70	21.81	21.76	23	1
10	QPSK	25	12	21.74	21.79	21.66		
10	QPSK	25	25	21.59	21.71	21.67		
10	QPSK	50	0	21.68	21.91	21.61		
10	16QAM	1	0	21.72	21.73	21.86	23	1
10	16QAM	1	25	21.80	21.90	21.69		
10	16QAM	1	49	21.75	21.87	21.78		
10	16QAM	25	0	20.68	20.67	20.72	22	2
10	16QAM	25	12	20.78	20.67	20.87		
10	16QAM	25	25	20.74	20.82	20.83		
10	16QAM	50	0	20.89	20.82	20.75		
10	64QAM	1	0	20.74	20.75	20.80	22	2
10	64QAM	1	25	20.63	20.82	20.75		
10	64QAM	1	49	20.73	20.64	20.71		
10	64QAM	25	0	19.70	19.74	19.95	21	3
10	64QAM	25	12	19.92	19.70	19.68		
10	64QAM	25	25	19.80	19.85	19.82		
10	64QAM	50	0	19.70	19.67	19.90		
10	256QAM	1	0	18.18	18.21	18.06	19	5
10	256QAM	1	25	18.15	18.16	18.17		
10	256QAM	1	49	18.24	18.19	18.20		
10	256QAM	25	0	18.17	17.99	18.27	19	5
10	256QAM	25	12	18.07	18.19	18.15		
10	256QAM	25	25	18.14	18.00	17.96		
10	256QAM	50	0	18.20	18.24	18.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.76	22.80	22.66	24	0
5	QPSK	1	12	22.59	22.57	22.67		
5	QPSK	1	24	22.55	22.54	22.50		
5	QPSK	12	0	21.69	21.82	21.77	23	1
5	QPSK	12	7	21.71	21.76	21.61		
5	QPSK	12	13	21.61	21.76	21.69		
5	QPSK	25	0	21.70	21.83	21.70		
5	16QAM	1	0	21.81	21.69	21.83	23	1
5	16QAM	1	12	21.83	21.90	21.65		
5	16QAM	1	24	21.72	21.90	21.75		
5	16QAM	12	0	20.70	20.72	20.70	22	2
5	16QAM	12	7	20.78	20.68	20.86		
5	16QAM	12	13	20.75	20.74	20.75		
5	16QAM	25	0	20.80	20.78	20.70		
5	64QAM	1	0	20.77	20.79	20.79	22	2
5	64QAM	1	12	20.63	20.74	20.71		
5	64QAM	1	24	20.74	20.64	20.74		
5	64QAM	12	0	19.72	19.81	19.85	21	3
5	64QAM	12	7	19.83	19.72	19.67		
5	64QAM	12	13	19.78	19.86	19.81		
5	64QAM	25	0	19.71	19.67	19.95		
5	256QAM	1	0	18.22	18.27	18.02	19	5
5	256QAM	1	12	18.20	18.13	18.21		
5	256QAM	1	24	18.22	18.23	18.17		
5	256QAM	12	0	18.24	18.04	18.19	19	5
5	256QAM	12	7	18.01	18.10	18.15		
5	256QAM	12	13	18.23	18.06	18.02		
5	256QAM	25	0	18.12	18.21	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.80	22.68	24	0
3	QPSK	1	8	22.62	22.57	22.63		
3	QPSK	1	14	22.60	22.63	22.59		
3	QPSK	8	0	21.77	21.84	21.75	23	1
3	QPSK	8	4	21.78	21.85	21.67		
3	QPSK	8	7	21.61	21.68	21.63		
3	QPSK	15	0	21.62	21.84	21.64		
3	16QAM	1	0	21.74	21.72	21.89	23	1
3	16QAM	1	8	21.83	21.87	21.59		
3	16QAM	1	14	21.74	21.82	21.74		
3	16QAM	8	0	20.66	20.71	20.63	22	2
3	16QAM	8	4	20.79	20.73	20.77		
3	16QAM	8	7	20.71	20.76	20.77		
3	16QAM	15	0	20.88	20.81	20.66		
3	64QAM	1	0	20.76	20.81	20.80	22	2
3	64QAM	1	8	20.64	20.76	20.75		
3	64QAM	1	14	20.69	20.64	20.68		
3	64QAM	8	0	19.69	19.83	19.89	21	3
3	64QAM	8	4	19.83	19.79	19.69		
3	64QAM	8	7	19.84	19.89	19.72		
3	64QAM	15	0	19.66	19.76	19.89		
3	256QAM	1	0	18.26	18.23	18.06	19	5
3	256QAM	1	8	18.25	18.21	18.20		
3	256QAM	1	14	18.15	18.13	18.14		
3	256QAM	8	0	18.19	17.96	18.23	19	5
3	256QAM	8	4	18.01	18.18	18.08		
3	256QAM	8	7	18.24	17.97	17.98		
3	256QAM	15	0	18.20	18.25	18.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.75	22.75	22.71	24	0
1.4	QPSK	1	3	22.67	22.60	22.62		
1.4	QPSK	1	5	22.60	22.56	22.55		
1.4	QPSK	3	0	21.70	21.78	21.78	23	1
1.4	QPSK	3	1	21.70	21.81	21.60		
1.4	QPSK	3	3	21.62	21.69	21.61		
1.4	QPSK	6	0	21.67	21.87	21.67		
1.4	16QAM	1	0	21.80	21.67	21.82	23	1
1.4	16QAM	1	3	21.78	21.88	21.63		
1.4	16QAM	1	5	21.80	21.89	21.79		
1.4	16QAM	3	0	20.68	20.66	20.65	22	2
1.4	16QAM	3	1	20.75	20.77	20.77		
1.4	16QAM	3	3	20.78	20.76	20.85		
1.4	16QAM	6	0	20.88	20.81	20.63		
1.4	64QAM	1	0	20.72	20.82	20.86	22	2
1.4	64QAM	1	3	20.67	20.79	20.65		
1.4	64QAM	1	5	20.67	20.69	20.76		
1.4	64QAM	3	0	19.72	19.77	19.86	21	3
1.4	64QAM	3	1	19.92	19.79	19.64		
1.4	64QAM	3	3	19.85	19.87	19.80		
1.4	64QAM	6	0	19.73	19.74	19.91		
1.4	256QAM	1	0	18.21	18.25	18.03	19	5
1.4	256QAM	1	3	18.25	18.10	18.18		
1.4	256QAM	1	5	18.18	18.16	18.21		
1.4	256QAM	3	0	18.23	18.02	18.18	19	5
1.4	256QAM	3	1	18.08	18.14	18.10		
1.4	256QAM	3	3	18.17	18.02	18.07		
1.4	256QAM	6	0	18.22	18.18	18.02		

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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	22.85	23.16	23.00	24	0
20	QPSK	1	49	23.06	23.01	22.88		
20	QPSK	1	99	23.03	22.90	22.92		
20	QPSK	50	0	22.09	22.18	22.10	23	1
20	QPSK	50	24	22.11	22.12	22.15		
20	QPSK	50	50	22.00	22.03	22.06		
20	QPSK	100	0	22.02	22.23	22.06		
20	16QAM	1	0	22.14	21.98	22.01	23	1
20	16QAM	1	49	22.14	22.11	22.22		
20	16QAM	1	99	21.99	22.05	22.09		
20	16QAM	50	0	21.13	21.07	21.13	22	2
20	16QAM	50	24	21.16	20.98	21.15		
20	16QAM	50	50	21.01	20.97	21.08		
20	16QAM	100	0	21.10	20.94	21.06		
20	64QAM	1	0	21.10	20.97	21.11	22	2
20	64QAM	1	49	20.99	21.03	21.07		
20	64QAM	1	99	20.93	21.01	21.09		
20	64QAM	50	0	20.13	20.15	20.20	21	3
20	64QAM	50	24	20.30	20.29	20.15		
20	64QAM	50	50	20.22	20.08	20.20		
20	64QAM	100	0	20.33	20.21	20.23		
20	256QAM	1	0	18.07	17.92	18.02	19	5
20	256QAM	1	49	18.05	17.87	17.93		
15	256QAM	1	37	17.87	17.72	17.79	19	5
15	256QAM	1	74	17.70	17.89	17.81		
15	256QAM	36	0	17.82	17.72	17.94	19	5
15	256QAM	36	20	17.84	17.88	17.91		
15	256QAM	36	39	18.03	17.98	17.86		
15	256QAM	75	0	17.94	17.91	17.94		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	23.00	22.85	24	0
10	QPSK	1	25	22.92	22.83	22.77		
10	QPSK	1	49	22.84	22.76	22.71		
10	QPSK	25	0	21.90	22.02	21.90	23	1
10	QPSK	25	12	21.95	21.97	21.97		
10	QPSK	25	25	22.03	21.93	21.93		
10	QPSK	50	0	21.85	22.04	21.96		
10	16QAM	1	0	22.04	21.77	21.85	23	1
10	16QAM	1	25	21.95	22.00	22.03		
10	16QAM	1	49	21.83	21.93	22.00		
10	16QAM	25	0	20.96	20.95	21.00	22	2
10	16QAM	25	12	20.96	20.80	20.98		
10	16QAM	25	25	20.88	20.76	20.95		
10	16QAM	50	0	20.94	20.75	20.95		
10	64QAM	1	0	20.94	20.83	20.91	22	2
10	64QAM	1	25	20.78	20.83	20.96		
10	64QAM	1	49	20.79	20.88	20.96		
10	64QAM	25	0	20.02	20.05	20.00	21	3
10	64QAM	25	12	20.10	20.13	19.98		
10	64QAM	25	25	20.08	19.95	20.08		
10	64QAM	50	0	20.16	20.06	20.05		
10	256QAM	1	0	17.90	17.81	17.82	19	5
10	256QAM	1	25	17.89	17.74	17.76		
10	256QAM	1	49	17.66	17.97	17.84		
10	256QAM	25	0	17.84	17.71	17.92	19	5
10	256QAM	25	12	17.92	17.82	17.91		
10	256QAM	25	25	17.94	17.94	17.93		
10	256QAM	50	0	17.85	17.88	17.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.66	23.02	22.85	24	0
5	QPSK	1	12	22.88	22.81	22.74		
5	QPSK	1	24	22.83	22.72	22.80		
5	QPSK	12	0	21.96	21.98	21.99	23	1
5	QPSK	12	7	21.99	21.97	21.96		
5	QPSK	12	13	22.03	21.90	21.90		
5	QPSK	25	0	21.85	22.10	21.91		
5	16QAM	1	0	22.02	21.82	21.88	23	1
5	16QAM	1	12	22.05	22.01	22.06		
5	16QAM	1	24	21.85	21.90	21.98		
5	16QAM	12	0	21.04	20.96	20.97	22	2
5	16QAM	12	7	21.06	20.80	20.97		
5	16QAM	12	13	20.91	20.79	20.94		
5	16QAM	25	0	20.91	20.74	20.93		
5	64QAM	1	0	20.97	20.76	20.98	22	2
5	64QAM	1	12	20.78	20.87	20.87		
5	64QAM	1	24	20.73	20.83	20.89		
5	64QAM	12	0	19.95	20.06	20.00	21	3
5	64QAM	12	7	20.17	20.15	19.96		
5	64QAM	12	13	20.12	19.90	19.99		
5	64QAM	25	0	20.18	20.08	20.09		
5	256QAM	1	0	17.92	17.79	17.86	19	5
5	256QAM	1	12	17.88	17.74	17.76		
5	256QAM	1	24	17.76	17.94	17.85		
5	256QAM	12	0	17.88	17.68	17.86	19	5
5	256QAM	12	7	17.85	17.88	17.94		
5	256QAM	12	13	17.97	17.92	17.95		
5	256QAM	25	0	17.85	17.84	17.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.68	23.07	22.85	24	0
3	QPSK	1	8	22.85	22.82	22.78		
3	QPSK	1	14	22.83	22.69	22.83		
3	QPSK	8	0	21.99	22.08	21.93	23	1
3	QPSK	8	4	21.98	22.02	22.04		
3	QPSK	8	7	22.02	21.87	21.87		
3	QPSK	15	0	21.83	22.03	21.91		
3	16QAM	1	0	21.95	21.82	21.80	23	1
3	16QAM	1	8	21.94	21.91	22.08		
3	16QAM	1	14	21.82	21.89	21.89		
3	16QAM	8	0	20.98	20.94	20.96	22	2
3	16QAM	8	4	21.02	20.85	20.98		
3	16QAM	8	7	20.81	20.76	20.97		
3	16QAM	15	0	20.92	20.81	20.88		
3	64QAM	1	0	21.01	20.78	20.92	22	2
3	64QAM	1	8	20.79	20.86	20.94		
3	64QAM	1	14	20.82	20.81	20.91		
3	64QAM	8	0	20.01	20.02	20.01	21	3
3	64QAM	8	4	20.13	20.12	20.04		
3	64QAM	8	7	20.09	19.97	20.05		
3	64QAM	15	0	20.16	20.11	20.08		
3	256QAM	1	0	17.87	17.76	17.85	19	5
3	256QAM	1	8	17.85	17.74	17.73		
3	256QAM	1	14	17.76	17.90	17.84		
3	256QAM	8	0	17.86	17.73	17.89	19	5
3	256QAM	8	4	17.87	17.80	17.90		
3	256QAM	8	7	17.96	17.89	17.91		
3	256QAM	15	0	17.94	17.85	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.64	23.04	22.85	24	0
1.4	QPSK	1	3	22.78	22.77	22.70		
1.4	QPSK	1	5	22.76	22.70	22.79		
1.4	QPSK	3	0	22.19	22.58	22.40	23	1
1.4	QPSK	3	1	22.11	22.53	22.37		
1.4	QPSK	3	3	22.14	22.51	22.30		
1.4	QPSK	6	0	22.09	22.53	22.39		
1.4	16QAM	1	0	22.09	22.56	22.32	23	1
1.4	16QAM	1	3	22.09	22.50	22.38		
1.4	16QAM	1	5	22.20	22.50	22.30		
1.4	16QAM	3	0	21.18	21.51	21.30	22	2
1.4	16QAM	3	1	21.12	21.51	21.40		
1.4	16QAM	3	3	21.19	21.59	21.34		
1.4	16QAM	6	0	21.09	21.52	21.37		
1.4	64QAM	1	0	21.08	21.49	21.40	22	2
1.4	64QAM	1	3	21.19	21.49	21.29		
1.4	64QAM	1	5	21.10	21.56	21.40		
1.4	64QAM	3	0	20.30	20.72	20.53	21	3
1.4	64QAM	3	1	20.34	20.77	20.59		
1.4	64QAM	3	3	20.30	20.74	20.53		
1.4	64QAM	6	0	20.33	20.69	20.60		
1.4	256QAM	1	0	17.84	17.77	17.82	19	5
1.4	256QAM	1	3	17.85	17.69	17.70		
1.4	256QAM	1	5	17.67	17.81	17.74		
1.4	256QAM	3	0	17.81	17.66	17.90	19	5
1.4	256QAM	3	1	17.79	17.77	17.85		
1.4	256QAM	3	3	17.86	17.83	17.85		
1.4	256QAM	6	0	17.87	17.80	17.93		

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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	20.81	20.89	20.83	22	0
20	QPSK	1	49	20.78	20.66	20.71		
20	QPSK	1	99	20.67	20.79	20.78		
20	QPSK	50	0	20.75	20.84	20.71	22	0
20	QPSK	50	24	20.74	20.67	20.70		
20	QPSK	50	50	20.74	20.71	20.80		
20	QPSK	100	0	20.75	20.84	20.66		
20	16QAM	1	0	20.73	20.83	20.76	22	0
20	16QAM	1	49	20.81	20.71	20.65		
20	16QAM	1	99	20.68	20.77	20.78		
20	16QAM	50	0	20.65	20.68	20.64	22	0
20	16QAM	50	24	20.60	20.60	20.78		
20	16QAM	50	50	20.72	20.58	20.60		
20	16QAM	100	0	20.72	20.63	20.57		
20	64QAM	1	0	20.67	20.58	20.65	22	0
20	64QAM	1	49	20.69	20.66	20.60		
20	64QAM	1	99	20.70	20.71	20.56		
20	64QAM	50	0	20.77	20.72	20.83	21	1
20	64QAM	50	24	20.79	20.77	20.83		
20	64QAM	50	50	20.67	20.79	20.80		
20	64QAM	100	0	20.68	20.78	20.73		
20	256QAM	1	0	17.90	17.71	17.76	19	3
20	256QAM	1	49	17.89	17.73	17.80		
15	256QAM	1	37	17.82	17.68	17.77	19	3
15	256QAM	1	74	17.78	17.82	17.67		
15	256QAM	36	0	17.70	17.82	17.75	19	3
15	256QAM	36	20	17.66	17.67	17.77		
15	256QAM	36	39	17.78	17.75	17.60		
15	256QAM	75	0	17.73	17.61	17.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.77	20.86	20.65	22	0
10	QPSK	1	25	20.76	20.60	20.65		
10	QPSK	1	49	20.65	20.72	20.71		
10	QPSK	25	0	20.69	20.74	20.62	22	0
10	QPSK	25	12	20.64	20.60	20.63		
10	QPSK	25	25	20.69	20.69	20.78		
10	QPSK	50	0	20.71	20.83	20.61		
10	16QAM	1	0	20.66	20.76	20.68	22	0
10	16QAM	1	25	20.71	20.69	20.55		
10	16QAM	1	49	20.62	20.73	20.75		
10	16QAM	25	0	20.56	20.62	20.57	22	0
10	16QAM	25	12	20.52	20.47	20.68		
10	16QAM	25	25	20.60	20.52	20.57		
10	16QAM	50	0	20.66	20.58	20.45		
10	64QAM	1	0	20.63	20.55	20.55	22	0
10	64QAM	1	25	20.66	20.59	20.56		
10	64QAM	1	49	20.58	20.60	20.45		
10	64QAM	25	0	20.75	20.62	20.74	21	1
10	64QAM	25	12	20.67	20.66	20.74		
10	64QAM	25	25	20.62	20.67	20.77		
10	64QAM	50	0	20.63	20.68	20.62		
10	256QAM	1	0	17.79	17.65	17.73	19	3
10	256QAM	1	25	17.83	17.61	17.76		
10	256QAM	1	49	17.87	17.75	17.63		
10	256QAM	25	0	17.67	17.91	17.71	19	3
10	256QAM	25	12	17.66	17.73	17.75		
10	256QAM	25	25	17.88	17.68	17.66		
10	256QAM	50	0	17.70	17.67	17.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.71	20.86	20.69	22	0
5	QPSK	1	12	20.67	20.64	20.66		
5	QPSK	1	24	20.62	20.77	20.73		
5	QPSK	12	0	20.67	20.76	20.69	22	0
5	QPSK	12	7	20.68	20.66	20.62		
5	QPSK	12	13	20.66	20.65	20.78		
5	QPSK	25	0	20.69	20.78	20.65		
5	16QAM	1	0	20.69	20.81	20.66	22	0
5	16QAM	1	12	20.76	20.68	20.55		
5	16QAM	1	24	20.60	20.66	20.71		
5	16QAM	12	0	20.59	20.60	20.52	22	0
5	16QAM	12	7	20.55	20.52	20.75		
5	16QAM	12	13	20.67	20.48	20.48		
5	16QAM	25	0	20.66	20.59	20.44		
5	64QAM	1	0	20.57	20.53	20.54	22	0
5	64QAM	1	12	20.56	20.52	20.52		
5	64QAM	1	24	20.64	20.57	20.52		
5	64QAM	12	0	20.72	20.60	20.70	21	1
5	64QAM	12	7	20.75	20.65	20.70		
5	64QAM	12	13	20.54	20.70	20.66		
5	64QAM	25	0	20.60	20.74	20.62		
5	256QAM	1	0	17.84	17.62	17.70	19	3
5	256QAM	1	12	17.76	17.63	17.68		
5	256QAM	1	24	17.79	17.78	17.70		
5	256QAM	12	0	17.69	17.90	17.69	19	3
5	256QAM	12	7	17.62	17.68	17.75		
5	256QAM	12	13	17.86	17.74	17.67		
5	256QAM	25	0	17.70	17.64	17.71		

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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	22.95	22.98	22.93	24	0
20	QPSK	1	49	22.83	22.84	22.78		
20	QPSK	1	99	22.94	22.94	22.92		
20	QPSK	50	0	22.03	22.17	21.97	23	1
20	QPSK	50	24	21.99	22.07	22.02		
20	QPSK	50	50	22.11	22.04	22.15		
20	QPSK	100	0	22.00	22.18	22.08		
20	16QAM	1	0	21.93	22.14	22.08	23	1
20	16QAM	1	49	21.94	21.98	22.13		
20	16QAM	1	99	21.98	22.00	22.05		
20	16QAM	50	0	21.09	21.01	20.92	22	2
20	16QAM	50	24	21.04	20.97	21.04		
20	16QAM	50	50	20.97	20.90	21.08		
20	16QAM	100	0	21.08	21.06	20.98		
20	64QAM	1	0	21.07	20.99	21.10	22	2
20	64QAM	1	49	21.02	21.07	21.04		
20	64QAM	1	99	20.90	20.93	20.98		
20	64QAM	50	0	20.01	20.04	19.97	21	3
20	64QAM	50	24	20.03	20.10	20.03		
20	64QAM	50	50	19.96	20.05	20.04		
20	64QAM	100	0	19.99	19.92	20.01		
20	256QAM	1	0	18.21	18.07	18.18	19	5
20	256QAM	1	49	18.20	18.05	18.20		
15	256QAM	1	37	18.08	18.01	18.10	19	5
15	256QAM	1	74	17.98	18.07	17.91		
15	256QAM	36	0	17.98	18.14	17.99	19	5
15	256QAM	36	20	17.88	17.96	18.01		
15	256QAM	36	39	17.98	18.09	18.02		
15	256QAM	75	0	18.12	18.08	17.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.90	22.91	22.87	24	0
10	QPSK	1	25	22.76	22.76	22.72		
10	QPSK	1	49	22.83	22.83	22.88		
10	QPSK	25	0	21.96	22.12	21.86	23	1
10	QPSK	25	12	21.93	22.00	21.94		
10	QPSK	25	25	22.00	21.98	22.03		
10	QPSK	50	0	21.88	22.07	22.04		
10	16QAM	1	0	21.87	22.08	21.96	23	1
10	16QAM	1	25	21.87	21.94	22.02		
10	16QAM	1	49	21.89	21.89	21.92		
10	16QAM	25	0	21.05	20.93	20.83	22	2
10	16QAM	25	12	20.93	20.87	20.97		
10	16QAM	25	25	20.88	20.83	21.00		
10	16QAM	50	0	21.00	20.93	20.95		
10	64QAM	1	0	21.01	20.88	20.99	22	2
10	64QAM	1	25	20.97	21.00	20.95		
10	64QAM	1	49	20.86	20.89	20.90		
10	64QAM	25	0	19.91	19.99	19.84	21	3
10	64QAM	25	12	19.90	20.06	19.92		
10	64QAM	25	25	19.88	20.00	19.92		
10	64QAM	50	0	19.91	19.86	19.93		
10	256QAM	1	0	18.15	17.97	18.07	19	5
10	256QAM	1	25	18.07	17.97	18.12		
10	256QAM	1	49	17.93	18.04	17.97		
10	256QAM	25	0	17.91	18.17	17.93	19	5
10	256QAM	25	12	17.90	17.92	18.07		
10	256QAM	25	25	17.96	18.08	17.96		
10	256QAM	50	0	18.12	18.07	17.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.86	22.86	22.83	24	0
5	QPSK	1	12	22.74	22.76	22.71		
5	QPSK	1	24	22.86	22.84	22.85		
5	QPSK	12	0	21.96	22.11	21.89	23	1
5	QPSK	12	7	21.87	21.99	21.94		
5	QPSK	12	13	22.03	21.94	22.09		
5	QPSK	25	0	21.89	22.10	21.96		
5	16QAM	1	0	21.89	22.06	22.02	23	1
5	16QAM	1	12	21.87	21.94	22.06		
5	16QAM	1	24	21.90	21.90	22.01		
5	16QAM	12	0	21.02	20.90	20.82	22	2
5	16QAM	12	7	20.92	20.91	20.99		
5	16QAM	12	13	20.89	20.78	21.02		
5	16QAM	25	0	21.01	20.95	20.88		
5	64QAM	1	0	21.03	20.87	20.99	22	2
5	64QAM	1	12	20.92	21.01	20.95		
5	64QAM	1	24	20.84	20.80	20.93		
5	64QAM	12	0	19.95	19.96	19.88	21	3
5	64QAM	12	7	19.95	20.00	19.95		
5	64QAM	12	13	19.86	19.94	19.93		
5	64QAM	25	0	19.88	19.87	19.92		
5	256QAM	1	0	18.12	18.00	18.12	19	5
5	256QAM	1	12	18.16	17.99	18.08		
5	256QAM	1	24	17.96	18.01	17.91		
5	256QAM	12	0	17.98	18.12	17.96	19	5
5	256QAM	12	7	17.93	17.97	18.06		
5	256QAM	12	13	17.93	18.03	17.98		
5	256QAM	25	0	18.17	18.08	17.87		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.86	22.86	22.88	24	0
3	QPSK	1	8	22.80	22.79	22.74		
3	QPSK	1	14	22.87	22.86	22.89		
3	QPSK	8	0	21.98	22.08	21.87	23	1
3	QPSK	8	4	21.95	22.02	21.94		
3	QPSK	8	7	22.07	22.00	22.09		
3	QPSK	15	0	21.96	22.09	22.03		
3	16QAM	1	0	21.80	22.01	21.96	23	1
3	16QAM	1	8	21.82	21.93	22.00		
3	16QAM	1	14	21.86	21.89	22.00		
3	16QAM	8	0	20.97	20.92	20.81	22	2
3	16QAM	8	4	21.01	20.87	20.96		
3	16QAM	8	7	20.91	20.85	20.98		
3	16QAM	15	0	20.99	21.00	20.85		
3	64QAM	1	0	20.99	20.88	21.03	22	2
3	64QAM	1	8	20.93	21.02	21.01		
3	64QAM	1	14	20.77	20.89	20.91		
3	64QAM	8	0	19.89	19.97	19.86	21	3
3	64QAM	8	4	19.99	20.02	20.00		
3	64QAM	8	7	19.87	19.98	19.99		
3	64QAM	15	0	19.93	19.85	19.96		
3	256QAM	1	0	18.13	18.00	18.07	19	5
3	256QAM	1	8	18.16	17.96	18.10		
3	256QAM	1	14	17.99	18.10	17.97		
3	256QAM	8	0	17.99	18.14	17.93	19	5
3	256QAM	8	4	17.94	17.90	18.02		
3	256QAM	8	7	17.95	18.07	17.99		
3	256QAM	15	0	18.10	18.05	17.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.88	22.93	22.83	24	0
1.4	QPSK	1	3	22.76	22.74	22.72		
1.4	QPSK	1	5	22.85	22.81	22.79		
1.4	QPSK	3	0	21.94	22.11	21.91	23	1
1.4	QPSK	3	1	21.95	21.96	21.91		
1.4	QPSK	3	3	22.05	21.94	22.12		
1.4	QPSK	6	0	21.87	22.13	22.01		
1.4	16QAM	1	0	21.85	22.03	22.00	23	1
1.4	16QAM	1	3	21.86	21.90	22.05		
1.4	16QAM	1	5	21.90	21.93	22.01		
1.4	16QAM	3	0	21.03	20.98	20.89	22	2
1.4	16QAM	3	1	21.01	20.90	20.94		
1.4	16QAM	3	3	20.90	20.80	20.96		
1.4	16QAM	6	0	20.95	21.01	20.93		
1.4	64QAM	1	0	21.01	20.86	21.07	22	2
1.4	64QAM	1	3	20.99	21.04	20.96		
1.4	64QAM	1	5	20.81	20.84	20.93		
1.4	64QAM	3	0	19.95	19.98	19.94	21	3
1.4	64QAM	3	1	19.94	20.04	19.97		
1.4	64QAM	3	3	19.87	19.97	19.94		
1.4	64QAM	6	0	19.90	19.84	19.93		
1.4	256QAM	1	0	18.11	18.01	18.09	19	5
1.4	256QAM	1	3	18.10	17.97	18.13		
1.4	256QAM	1	5	17.99	18.02	17.92		
1.4	256QAM	3	0	17.92	18.17	17.95	19	5
1.4	256QAM	3	1	17.94	17.92	18.08		
1.4	256QAM	3	3	17.97	18.01	17.94		
1.4	256QAM	6	0	18.15	18.09	17.96		

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.40		22	0
10	QPSK	1	25		21.29			
10	QPSK	1	49		21.38			
10	QPSK	25	0		21.32		22	0
10	QPSK	25	12		21.19			
10	QPSK	25	25		21.31			
10	QPSK	50	0		21.33			
10	16QAM	1	0		21.30		22	0
10	16QAM	1	25		21.18			
10	16QAM	1	49		21.28			
10	16QAM	25	0		21.34		22	0
10	16QAM	25	12		21.32			
10	16QAM	25	25		21.13			
10	16QAM	50	0		21.37			
10	64QAM	1	0		21.35		22	0
10	64QAM	1	25		21.33			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.31		21	1
10	64QAM	25	12		20.23			
10	64QAM	25	25		20.20			
10	64QAM	50	0		20.34			
10	256QAM	1	0		18.47		19	3
10	256QAM	1	25		18.34			
5	256QAM	1	12	18.24	18.25	18.23	19	3
5	256QAM	1	24	18.18	18.19	18.13		
5	256QAM	12	0	18.38	18.33	18.34	19	3
5	256QAM	12	7	18.26	18.30	18.25		
5	256QAM	12	13	18.30	18.22	18.22		
5	256QAM	25	0	18.37	18.35	18.31		

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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	23.18	23.19	23.02	24	0
20	QPSK	1	49	22.98	23.12	22.98		
20	QPSK	1	99	23.11	22.97	23.11		
20	QPSK	50	0	22.26	22.29	22.16	23	1
20	QPSK	50	24	22.18	22.13	22.28		
20	QPSK	50	50	22.26	22.12	22.24		
20	QPSK	100	0	21.99	22.17	22.12		
20	16QAM	1	0	22.02	22.02	22.17	23	1
20	16QAM	1	49	22.12	22.02	22.09		
20	16QAM	1	99	22.13	21.98	22.10		
20	16QAM	50	0	21.12	20.97	21.14	22	2
20	16QAM	50	24	21.12	20.98	20.96		
20	16QAM	50	50	21.10	20.98	21.01		
20	16QAM	100	0	21.10	21.04	20.96		
20	64QAM	1	0	21.13	21.05	20.95	22	2
20	64QAM	1	49	20.95	20.97	20.99		
20	64QAM	1	99	21.01	20.94	21.02		
20	64QAM	50	0	20.14	20.19	20.20	21	3
20	64QAM	50	24	20.15	20.25	20.02		
20	64QAM	50	50	20.05	20.04	20.11		
20	64QAM	100	0	20.11	20.17	20.15		
20	256QAM	1	0	18.32	18.20	18.15	19	5
20	256QAM	1	49	18.21	18.24	18.17		
15	256QAM	1	37	18.17	18.19	18.11	19	5
15	256QAM	1	74	18.03	18.23	18.07		
15	256QAM	36	0	18.09	18.23	18.23	19	5
15	256QAM	36	20	18.16	18.19	18.13		
15	256QAM	36	39	18.29	18.19	18.07		
15	256QAM	75	0	18.16	18.30	18.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.01	22.91		
10	QPSK	1	49	23.07	22.86	23.03		
10	QPSK	25	0	22.14	22.21	22.07	23	1
10	QPSK	25	12	22.06	22.04	22.16		
10	QPSK	25	25	22.18	22.07	22.21		
10	QPSK	50	0	21.86	22.09	22.09		
10	16QAM	1	0	21.89	21.93	22.14	23	1
10	16QAM	1	25	22.04	21.96	21.96		
10	16QAM	1	49	22.08	21.88	21.98		
10	16QAM	25	0	21.07	20.85	21.09	22	2
10	16QAM	25	12	21.03	20.86	20.89		
10	16QAM	25	25	20.99	20.92	20.97		
10	16QAM	50	0	21.01	20.98	20.85		
10	64QAM	1	0	21.09	20.93	20.83	22	2
10	64QAM	1	25	20.85	20.93	20.88		
10	64QAM	1	49	20.89	20.91	20.94		
10	64QAM	25	0	20.06	20.16	20.14	21	3
10	64QAM	25	12	20.08	20.17	19.91		
10	64QAM	25	25	19.97	19.96	19.99		
10	64QAM	50	0	20.00	20.07	20.11		
10	256QAM	1	0	18.23	18.15	18.02	19	5
10	256QAM	1	25	18.12	18.14	18.13		
10	256QAM	1	49	18.06	18.20	18.07		
10	256QAM	25	0	18.15	18.25	18.20	19	5
10	256QAM	25	12	18.12	18.13	18.20		
10	256QAM	25	25	18.30	18.28	18.03		
10	256QAM	50	0	18.08	18.31	18.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.07	23.12	22.99	24	0
5	QPSK	1	12	22.87	23.03	22.90		
5	QPSK	1	24	23.01	22.87	23.06		
5	QPSK	12	0	22.16	22.17	22.12	23	1
5	QPSK	12	7	22.09	22.02	22.18		
5	QPSK	12	13	22.15	22.07	22.13		
5	QPSK	25	0	21.96	22.13	22.00		
5	16QAM	1	0	21.94	21.97	22.08	23	1
5	16QAM	1	12	22.04	21.95	22.03		
5	16QAM	1	24	22.05	21.86	22.03		
5	16QAM	12	0	21.06	20.91	21.03	22	2
5	16QAM	12	7	21.00	20.89	20.92		
5	16QAM	12	13	21.02	20.90	20.93		
5	16QAM	25	0	20.97	20.96	20.86		
5	64QAM	1	0	21.06	20.97	20.91	22	2
5	64QAM	1	12	20.83	20.84	20.87		
5	64QAM	1	24	20.90	20.86	20.96		
5	64QAM	12	0	20.10	20.10	20.16	21	3
5	64QAM	12	7	20.09	20.22	19.90		
5	64QAM	12	13	20.02	19.99	20.04		
5	64QAM	25	0	20.03	20.10	20.12		
5	256QAM	1	0	18.26	18.09	18.02	19	5
5	256QAM	1	12	18.13	18.16	18.06		
5	256QAM	1	24	18.07	18.29	18.15		
5	256QAM	12	0	18.12	18.28	18.17	19	5
5	256QAM	12	7	18.16	18.10	18.13		
5	256QAM	12	13	18.24	18.20	18.04		
5	256QAM	25	0	18.17	18.32	18.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.09	22.98	24	0
3	QPSK	1	8	22.88	23.08	22.92		
3	QPSK	1	14	23.07	22.85	23.05		
3	QPSK	8	0	22.16	22.23	22.10	23	1
3	QPSK	8	4	22.10	22.05	22.22		
3	QPSK	8	7	22.21	22.07	22.19		
3	QPSK	15	0	21.91	22.09	22.08		
3	16QAM	1	0	21.90	21.97	22.10	23	1
3	16QAM	1	8	22.08	21.91	22.01		
3	16QAM	1	14	22.09	21.93	22.05		
3	16QAM	8	0	21.00	20.84	21.04	22	2
3	16QAM	8	4	21.03	20.93	20.92		
3	16QAM	8	7	21.05	20.85	20.90		
3	16QAM	15	0	20.99	20.96	20.89		
3	64QAM	1	0	21.01	20.98	20.86	22	2
3	64QAM	1	8	20.91	20.86	20.90		
3	64QAM	1	14	20.93	20.88	20.91		
3	64QAM	8	0	20.10	20.08	20.11	21	3
3	64QAM	8	4	20.02	20.13	19.91		
3	64QAM	8	7	19.95	19.94	19.99		
3	64QAM	15	0	20.01	20.09	20.11		
3	256QAM	1	0	18.27	18.09	18.10	19	5
3	256QAM	1	8	18.10	18.19	18.08		
3	256QAM	1	14	18.00	18.20	18.10		
3	256QAM	8	0	18.08	18.24	18.17	19	5
3	256QAM	8	4	18.13	18.19	18.18		
3	256QAM	8	7	18.28	18.26	18.07		
3	256QAM	15	0	18.10	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.12	23.16	22.92	24	0
1.4	QPSK	1	3	22.91	23.07	22.89		
1.4	QPSK	1	5	22.98	22.88	23.00		
1.4	QPSK	3	0	22.21	22.25	22.12	23	1
1.4	QPSK	3	1	22.07	22.09	22.15		
1.4	QPSK	3	3	22.18	22.03	22.13		
1.4	QPSK	6	0	21.96	22.10	22.04		
1.4	16QAM	1	0	21.94	21.92	22.10	23	1
1.4	16QAM	1	3	22.02	21.89	21.97		
1.4	16QAM	1	5	22.02	21.85	21.99		
1.4	16QAM	3	0	20.99	20.93	21.07	22	2
1.4	16QAM	3	1	21.03	20.88	20.84		
1.4	16QAM	3	3	21.05	20.88	20.94		
1.4	16QAM	6	0	20.99	21.00	20.84		
1.4	64QAM	1	0	21.06	20.97	20.86	22	2
1.4	64QAM	1	3	20.83	20.86	20.92		
1.4	64QAM	1	5	20.96	20.88	20.91		
1.4	64QAM	3	0	20.09	20.08	20.11	21	3
1.4	64QAM	3	1	20.07	20.14	19.92		
1.4	64QAM	3	3	19.93	20.00	20.00		
1.4	64QAM	6	0	19.98	20.09	20.09		
1.4	256QAM	1	0	18.24	18.08	18.04	19	5
1.4	256QAM	1	3	18.09	18.19	18.07		
1.4	256QAM	1	5	18.06	18.21	18.10		
1.4	256QAM	3	0	18.08	18.26	18.17	19	5
1.4	256QAM	3	1	18.10	18.11	18.19		
1.4	256QAM	3	3	18.26	18.19	18.02		
1.4	256QAM	6	0	18.13	18.28	18.17		

LTE Band 38 Ant 0 DSI6&7

BW [MHz]	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	23.70	23.71	23.66	24	0
20	QPSK	1	49	23.55	23.61	23.48		
20	QPSK	1	99	23.66	23.68	23.47		
20	QPSK	50	0	22.73	22.81	22.79	23	1
20	QPSK	50	24	22.61	22.67	22.63		
20	QPSK	50	50	22.62	22.73	22.68		
20	QPSK	100	0	22.67	22.76	22.69		
20	16QAM	1	0	22.77	22.58	22.77	23	1
20	16QAM	1	49	22.65	22.69	22.77		
20	16QAM	1	99	22.73	22.71	22.58		
20	16QAM	50	0	21.62	21.63	21.67	22	2
20	16QAM	50	24	21.71	21.71	21.76		
20	16QAM	50	50	21.86	21.77	21.66		
20	16QAM	100	0	21.65	21.70	21.69		
20	64QAM	1	0	21.74	21.76	21.65	22	2
20	64QAM	1	49	21.85	21.79	21.71		
20	64QAM	1	99	21.82	21.68	21.77		
20	64QAM	50	0	20.67	20.58	20.48	21	3
20	64QAM	50	24	20.49	20.53	20.63		
20	64QAM	50	50	20.60	20.47	20.52		
20	64QAM	100	0	20.53	20.55	20.53		
20	256QAM	1	0	18.54	18.63	18.66	19	5
20	256QAM	1	49	18.61	18.54	18.49		
15	256QAM	1	37	18.50	18.46	18.39	19	5
15	256QAM	1	74	18.40	18.49	18.45		
15	256QAM	36	0	18.52	18.59	18.40	19	5
15	256QAM	36	20	18.49	18.41	18.45		
15	256QAM	36	39	18.38	18.37	18.42		
15	256QAM	75	0	18.61	18.53	18.40		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.60	23.68	23.59	24	0
10	QPSK	1	25	23.47	23.52	23.42		
10	QPSK	1	49	23.58	23.58	23.36		
10	QPSK	25	0	22.60	22.73	22.66	23	1
10	QPSK	25	12	22.51	22.61	22.58		
10	QPSK	25	25	22.58	22.67	22.55		
10	QPSK	50	0	22.64	22.71	22.59		
10	16QAM	1	0	22.73	22.49	22.68	23	1
10	16QAM	1	25	22.53	22.57	22.66		
10	16QAM	1	49	22.67	22.66	22.53		
10	16QAM	25	0	21.55	21.51	21.56	22	2
10	16QAM	25	12	21.59	21.66	21.67		
10	16QAM	25	25	21.74	21.65	21.61		
10	16QAM	50	0	21.56	21.67	21.56		
10	64QAM	1	0	21.62	21.68	21.52	22	2
10	64QAM	1	25	21.77	21.66	21.58		
10	64QAM	1	49	21.73	21.63	21.72		
10	64QAM	25	0	20.62	20.52	20.43	21	3
10	64QAM	25	12	20.39	20.42	20.50		
10	64QAM	25	25	20.50	20.41	20.40		
10	64QAM	50	0	20.44	20.50	20.43		
10	256QAM	1	0	18.44	18.53	18.54	19	5
10	256QAM	1	25	18.56	18.45	18.43		
10	256QAM	1	49	18.48	18.43	18.40		
10	256QAM	25	0	18.50	18.57	18.42	19	5
10	256QAM	25	12	18.45	18.45	18.45		
10	256QAM	25	25	18.43	18.36	18.42		
10	256QAM	50	0	18.61	18.51	18.38		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.59	23.68	23.53	24	0
5	QPSK	1	12	23.46	23.55	23.40		
5	QPSK	1	24	23.53	23.55	23.42		
5	QPSK	12	0	22.68	22.77	22.69	23	1
5	QPSK	12	7	22.54	22.62	22.59		
5	QPSK	12	13	22.58	22.69	22.61		
5	QPSK	25	0	22.55	22.72	22.60		
5	16QAM	1	0	22.66	22.46	22.66	23	1
5	16QAM	1	12	22.54	22.58	22.68		
5	16QAM	1	24	22.62	22.58	22.53		
5	16QAM	12	0	21.52	21.51	21.63	22	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.74	21.67	21.59		
5	16QAM	25	0	21.53	21.67	21.65		
5	64QAM	1	0	21.69	21.71	21.62	22	2
5	64QAM	1	12	21.74	21.67	21.59		
5	64QAM	1	24	21.74	21.64	21.68		
5	64QAM	12	0	20.57	20.53	20.45	21	3
5	64QAM	12	7	20.44	20.49	20.53		
5	64QAM	12	13	20.49	20.37	20.43		
5	64QAM	25	0	20.49	20.42	20.45		
5	256QAM	1	0	18.41	18.56	18.57	19	5
5	256QAM	1	12	18.52	18.47	18.41		
5	256QAM	1	24	18.42	18.42	18.38		
5	256QAM	12	0	18.55	18.53	18.40	19	5
5	256QAM	12	7	18.51	18.44	18.53		
5	256QAM	12	13	18.43	18.39	18.45		
5	256QAM	25	0	18.57	18.52	18.41		

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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	23.52	23.69	23.72	23.67	23.66	24	0
20	QPSK	1	49	23.47	23.58	23.66	23.54	23.51		
20	QPSK	1	99	23.40	23.64	23.63	23.59	23.53		
20	QPSK	50	0	22.45	22.59	22.68	22.65	22.55	23	1
20	QPSK	50	24	22.33	22.48	22.50	22.48	22.51		
20	QPSK	50	50	22.39	22.47	22.50	22.47	22.44		
20	QPSK	100	0	22.45	22.56	22.67	22.60	22.56		
20	16QAM	1	0	22.40	22.48	22.54	22.50	22.44	23	1
20	16QAM	1	49	22.28	22.41	22.44	22.45	22.37		
20	16QAM	1	99	22.26	22.36	22.39	22.38	22.43		
20	16QAM	50	0	21.59	21.69	21.81	21.71	21.74	22	2
20	16QAM	50	24	21.47	21.69	21.73	21.62	21.56		
20	16QAM	50	50	21.47	21.60	21.62	21.61	21.58		
20	16QAM	100	0	21.47	21.63	21.70	21.59	21.57		
20	64QAM	1	0	21.57	21.68	21.79	21.75	21.70	22	2
20	64QAM	1	49	21.47	21.56	21.62	21.59	21.63		
20	64QAM	1	99	21.44	21.59	21.60	21.55	21.58		
20	64QAM	50	0	20.67	20.58	20.48	20.33	20.18	21	3
20	64QAM	50	24	20.49	20.53	20.63	20.58	20.44		
20	64QAM	50	50	20.60	20.47	20.52	20.38	20.28		
20	64QAM	100	0	20.53	20.55	20.53	20.43	20.33		
20	256QAM	1	0	18.54	18.63	18.66	18.60	18.53	19	5
20	256QAM	1	49	18.61	18.54	18.49	18.35	18.21		
15	256QAM	1	37	18.48	18.44	18.41	18.31	18.20	19	5
15	256QAM	1	74	18.47	18.43	18.41	18.34	18.20		
15	256QAM	36	0	18.56	18.54	18.43	18.32	18.13	19	5
15	256QAM	36	20	18.48	18.45	18.45	18.43	18.32		
15	256QAM	36	39	18.39	18.39	18.43	18.33	18.28		
15	256QAM	75	0	18.64	18.47	18.43	18.33	18.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.42	23.62	23.62	23.61	23.55	24.00	0
10	QPSK	1	25	23.35	23.49	23.63	23.51	23.48		
10	QPSK	1	49	23.30	23.54	23.55	23.48	23.41		
10	QPSK	25	0	22.35	22.54	22.65	22.57	22.49	23	1
10	QPSK	25	12	22.29	22.38	22.39	22.38	22.45		
10	QPSK	25	25	22.36	22.35	22.44	22.35	22.38		
10	QPSK	50	0	22.39	22.45	22.58	22.51	22.48		
10	16QAM	1	0	22.37	22.39	22.45	22.46	22.40	23	1
10	16QAM	1	25	22.20	22.35	22.40	22.35	22.34		
10	16QAM	1	49	22.20	22.25	22.35	22.28	22.36		
10	16QAM	25	0	21.54	21.57	21.72	21.64	21.70	22	2
10	16QAM	25	12	21.40	21.61	21.67	21.55	21.48		
10	16QAM	25	25	21.40	21.57	21.55	21.52	21.49		
10	16QAM	50	0	21.35	21.52	21.64	21.55	21.46		
10	64QAM	1	0	21.53	21.63	21.75	21.64	21.59	22	2
10	64QAM	1	25	21.43	21.53	21.51	21.50	21.53		
10	64QAM	1	49	21.37	21.47	21.56	21.45	21.46		
10	64QAM	25	0	20.60	20.46	20.36	20.23	20.15	21	3
10	64QAM	25	12	20.36	20.45	20.60	20.52	20.36		
10	64QAM	25	25	20.49	20.39	20.45	20.27	20.20		
10	64QAM	50	0	20.49	20.46	20.48	20.37	20.23		
10	256QAM	1	0	18.48	18.58	18.63	18.49	18.45	19	5
10	256QAM	1	25	18.49	18.49	18.37	18.31	18.13		
10	256QAM	1	49	18.46	18.45	18.40	18.36	18.23		
10	256QAM	25	0	18.54	18.54	18.40	18.33	18.19	19	5
10	256QAM	25	12	18.50	18.36	18.48	18.45	18.34		
10	256QAM	25	25	18.44	18.40	18.38	18.26	18.21		
10	256QAM	50	0	18.57	18.50	18.45	18.27	18.25		
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	23.41	23.65	23.67	23.56	23.55	24.00	0
5	QPSK	1	12	23.34	23.55	23.61	23.41	23.41		
5	QPSK	1	24	23.29	23.57	23.52	23.47	23.44		
5	QPSK	12	0	22.36	22.55	22.60	22.57	22.51	23	1
5	QPSK	12	7	22.24	22.37	22.38	22.42	22.39		
5	QPSK	12	13	22.28	22.35	22.42	22.40	22.38		
5	QPSK	25	0	22.32	22.50	22.63	22.54	22.45		
5	16QAM	1	0	22.27	22.41	22.46	22.42	22.32	23	1
5	16QAM	1	12	22.17	22.31	22.41	22.34	22.30		
5	16QAM	1	24	22.16	22.25	22.36	22.28	22.37		
5	16QAM	12	0	21.56	21.59	21.69	21.67	21.68	22	2
5	16QAM	12	7	21.43	21.60	21.70	21.54	21.43		
5	16QAM	12	13	21.36	21.47	21.55	21.54	21.49		
5	16QAM	25	0	21.36	21.55	21.57	21.54	21.49		
5	64QAM	1	0	21.49	21.57	21.74	21.65	21.64	22	2
5	64QAM	1	12	21.41	21.48	21.56	21.52	21.51		
5	64QAM	1	24	21.39	21.52	21.49	21.51	21.54		
5	64QAM	12	0	20.63	20.53	20.38	20.23	20.15	21	3
5	64QAM	12	7	20.42	20.48	20.59	20.55	20.38		
5	64QAM	12	13	20.51	20.36	20.46	20.27	20.18		
5	64QAM	25	0	20.50	20.46	20.48	20.36	20.28		
5	256QAM	1	0	18.46	18.52	18.57	18.52	18.42	19	5
5	256QAM	1	12	18.55	18.45	18.36	18.28	18.15		
5	256QAM	1	24	18.47	18.42	18.46	18.33	18.23		
5	256QAM	12	0	18.53	18.57	18.40	18.33	18.21	19	5
5	256QAM	12	7	18.47	18.36	18.48	18.38	18.34		
5	256QAM	12	13	18.44	18.39	18.41	18.30	18.24		
5	256QAM	25	0	18.62	18.48	18.45	18.25	18.16		

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.35	23.40	23.27	24.50	23.45	23.54	23.51	24.50	23.90	23.92	23.84	24.50
3GPP Rel 99	RMC 12.2Kbps	23.38	23.42	23.29	24.50	23.49	23.56	23.53	24.50	23.92	23.96	23.86	24.50
3GPP Rel 6	HSDPA Subtest-1	22.46	22.53	22.30	23.50	22.47	22.56	22.42	23.50	22.92	22.85	22.89	23.50
3GPP Rel 6	HSDPA Subtest-2	22.40	22.41	22.27	23.50	22.38	22.52	22.56	23.50	22.96	22.85	22.96	23.50
3GPP Rel 6	HSDPA Subtest-3	21.81	22.00	21.84	23.00	21.96	22.06	21.96	23.00	22.30	22.58	22.27	23.00
3GPP Rel 6	HSDPA Subtest-4	22.00	21.82	21.88	23.00	21.91	22.08	22.04	23.00	22.34	22.41	22.28	23.00
3GPP Rel 6	HSUPA Subtest-1	22.40	22.42	22.35	23.50	22.50	22.65	22.47	23.50	23.01	23.03	22.81	23.50
3GPP Rel 6	HSUPA Subtest-2	20.44	20.39	20.27	21.50	20.39	20.40	20.26	21.50	21.01	20.87	20.74	21.50
3GPP Rel 6	HSUPA Subtest-3	21.41	21.45	21.19	22.50	21.54	21.47	21.50	22.50	21.51	21.52	21.44	22.50
3GPP Rel 6	HSUPA Subtest-4	20.30	20.31	20.36	21.50	20.33	20.44	20.33	21.50	20.97	20.86	20.79	21.50
3GPP Rel 6	HSUPA Subtest-5	22.47	22.46	22.26	23.50	22.58	22.54	22.58	23.50	22.95	22.90	22.83	23.50

Band 2 Ant 1 DSI6&7

BW [MHz]	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	23.29	23.33	23.23	24	0
20	QPSK	1	49	23.05	23.19	23.10		
20	QPSK	1	99	23.25	23.11	23.00		
20	QPSK	50	0	22.31	22.37	22.35	23	1
20	QPSK	50	24	22.23	22.26	22.31		
20	QPSK	50	50	22.22	22.18	22.21		
20	QPSK	100	0	22.26	22.41	22.13		
20	16QAM	1	0	22.23	22.14	22.18	23	1
20	16QAM	1	49	22.29	22.20	22.31		
20	16QAM	1	99	22.02	22.12	22.16		
20	16QAM	50	0	21.25	21.26	21.23	22	2
20	16QAM	50	24	21.31	21.08	21.28		
20	16QAM	50	50	21.17	21.04	21.17		
20	16QAM	100	0	21.23	21.06	21.25		
20	64QAM	1	0	21.16	21.09	21.26	22	2
20	64QAM	1	49	21.07	21.14	21.16		
20	64QAM	1	99	21.18	21.26	21.15		
20	64QAM	50	0	20.39	20.34	20.49	21	3
20	64QAM	50	24	20.42	20.37	20.37		
20	64QAM	50	50	20.25	20.15	20.48		
20	64QAM	100	0	20.32	20.38	20.44		
20	256QAM	1	0	18.34	18.16	18.22	19	5
20	256QAM	1	49	18.30	17.94	18.11		
15	256QAM	1	37	18.21	17.81	18.01	19	5
15	256QAM	1	74	17.99	18.05	18.09		
15	256QAM	36	0	18.17	18.13	18.17	19	5
15	256QAM	36	20	18.09	17.98	18.04		
15	256QAM	36	39	18.12	18.00	18.04		
15	256QAM	75	0	18.16	18.15	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.25	23.16	24	0
10	QPSK	1	25	23.00	23.07	23.05		
10	QPSK	1	49	23.20	23.05	22.93		
10	QPSK	25	0	22.27	22.32	22.24	23	1
10	QPSK	25	12	22.15	22.18	22.27		
10	QPSK	25	25	22.13	22.06	22.14		
10	QPSK	50	0	22.19	22.35	22.07		
10	16QAM	1	0	22.14	22.02	22.14	23	1
10	16QAM	1	25	22.21	22.11	22.21		
10	16QAM	1	49	21.92	22.02	22.09		
10	16QAM	25	0	21.16	21.22	21.13	22	2
10	16QAM	25	12	21.18	21.05	21.17		
10	16QAM	25	25	21.14	20.94	21.08		
10	16QAM	50	0	21.11	20.93	21.18		
10	64QAM	1	0	21.04	20.98	21.13	22	2
10	64QAM	1	25	21.00	21.06	21.07		
10	64QAM	1	49	21.14	21.17	21.10		
10	64QAM	25	0	20.35	20.24	20.38	21	3
10	64QAM	25	12	20.31	20.29	20.24		
10	64QAM	25	25	20.17	20.03	20.43		
10	64QAM	50	0	20.23	20.27	20.37		
10	256QAM	1	0	18.22	18.11	18.13	19	5
10	256QAM	1	25	18.21	17.88	18.04		
10	256QAM	1	49	17.97	18.08	18.13		
10	256QAM	25	0	18.17	18.14	18.17	19	5
10	256QAM	25	12	18.13	17.96	18.03		
10	256QAM	25	25	18.13	18.08	18.09		
10	256QAM	50	0	18.23	18.18	18.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.25	23.10	24	0
5	QPSK	1	12	22.93	23.09	23.04		
5	QPSK	1	24	23.14	22.98	22.95		
5	QPSK	12	0	22.28	22.27	22.24	23	1
5	QPSK	12	7	22.18	22.15	22.18		
5	QPSK	12	13	22.15	22.11	22.09		
5	QPSK	25	0	22.21	22.29	22.08		
5	16QAM	1	0	22.12	22.10	22.06	23	1
5	16QAM	1	12	22.16	22.15	22.27		
5	16QAM	1	24	21.94	22.00	22.03		
5	16QAM	12	0	21.19	21.14	21.16	22	2
5	16QAM	12	7	21.21	21.02	21.20		
5	16QAM	12	13	21.09	20.97	21.11		
5	16QAM	25	0	21.15	20.96	21.17		
5	64QAM	1	0	21.08	21.05	21.19	22	2
5	64QAM	1	12	21.03	21.06	21.10		
5	64QAM	1	24	21.10	21.14	21.11		
5	64QAM	12	0	20.28	20.24	20.38	21	3
5	64QAM	12	7	20.38	20.28	20.31		
5	64QAM	12	13	20.13	20.12	20.39		
5	64QAM	25	0	20.27	20.34	20.41		
5	256QAM	1	0	18.27	18.08	18.17	19	5
5	256QAM	1	12	18.19	17.84	18.07		
5	256QAM	1	24	18.00	18.07	18.10		
5	256QAM	12	0	18.20	18.13	18.21	19	5
5	256QAM	12	7	18.09	18.02	17.99		
5	256QAM	12	13	18.08	18.07	18.02		
5	256QAM	25	0	18.20	18.11	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.24	23.22	23.12	24	0
3	QPSK	1	8	22.94	23.07	23.05		
3	QPSK	1	14	23.16	23.07	22.93		
3	QPSK	8	0	22.24	22.26	22.32	23	1
3	QPSK	8	4	22.11	22.16	22.22		
3	QPSK	8	7	22.13	22.10	22.15		
3	QPSK	15	0	22.18	22.37	22.01		
3	16QAM	1	0	22.13	22.09	22.07	23	1
3	16QAM	1	8	22.20	22.13	22.19		
3	16QAM	1	14	21.89	22.02	22.10		
3	16QAM	8	0	21.19	21.20	21.12	22	2
3	16QAM	8	4	21.22	20.99	21.24		
3	16QAM	8	7	21.09	20.97	21.09		
3	16QAM	15	0	21.16	20.97	21.15		
3	64QAM	1	0	21.08	20.98	21.22	22	2
3	64QAM	1	8	21.00	21.11	21.07		
3	64QAM	1	14	21.11	21.21	21.06		
3	64QAM	8	0	20.26	20.22	20.45	21	3
3	64QAM	8	4	20.33	20.31	20.24		
3	64QAM	8	7	20.15	20.03	20.43		
3	64QAM	15	0	20.28	20.28	20.41		
3	256QAM	1	0	18.29	18.13	18.14	19	5
3	256QAM	1	8	18.18	17.87	18.06		
3	256QAM	1	14	17.94	18.06	18.06		
3	256QAM	8	0	18.18	18.13	18.17	19	5
3	256QAM	8	4	18.16	18.04	18.04		
3	256QAM	8	7	18.14	18.04	18.06		
3	256QAM	15	0	18.22	18.16	18.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.23	23.22	23.14	24	0
1.4	QPSK	1	3	22.94	23.09	23.06		
1.4	QPSK	1	5	23.21	23.01	22.94		
1.4	QPSK	3	0	22.19	22.29	22.26	23	1
1.4	QPSK	3	1	22.14	22.15	22.23		
1.4	QPSK	3	3	22.15	22.11	22.14		
1.4	QPSK	6	0	22.21	22.31	22.01		
1.4	16QAM	1	0	22.19	22.01	22.10	23	1
1.4	16QAM	1	3	22.18	22.15	22.21		
1.4	16QAM	1	5	21.96	22.04	22.08		
1.4	16QAM	3	0	21.12	21.22	21.11	22	2
1.4	16QAM	3	1	21.20	21.03	21.21		
1.4	16QAM	3	3	21.09	21.01	21.11		
1.4	16QAM	6	0	21.18	20.95	21.14		
1.4	64QAM	1	0	21.10	21.03	21.22	22	2
1.4	64QAM	1	3	21.02	21.03	21.07		
1.4	64QAM	1	5	21.14	21.23	21.04		
1.4	64QAM	3	0	20.33	20.28	20.41	21	3
1.4	64QAM	3	1	20.31	20.32	20.28		
1.4	64QAM	3	3	20.19	20.11	20.40		
1.4	64QAM	6	0	20.27	20.35	20.40		
1.4	256QAM	1	0	18.28	18.08	18.10	19	5
1.4	256QAM	1	3	18.20	17.82	18.06		
1.4	256QAM	1	5	18.01	18.02	18.15		
1.4	256QAM	3	0	18.16	18.10	18.22	19	5
1.4	256QAM	3	1	18.16	17.95	17.98		
1.4	256QAM	3	3	18.15	18.02	18.10		
1.4	256QAM	6	0	18.17	18.16	18.16		

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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	23.52	23.57	23.51	24	0
20	QPSK	1	49	23.30	23.46	23.37		
20	QPSK	1	99	23.49	23.33	23.40		
20	QPSK	50	0	22.58	22.59	22.55	23	1
20	QPSK	50	24	22.33	22.35	22.49		
20	QPSK	50	50	22.56	22.33	22.50		
20	QPSK	100	0	22.51	22.54	22.49		
20	16QAM	1	0	22.50	22.42	22.41	23	1
20	16QAM	1	49	22.37	22.40	22.47		
20	16QAM	1	99	22.43	22.52	22.38		
20	16QAM	50	0	21.58	21.35	21.54	22	2
20	16QAM	50	24	21.57	21.36	21.39		
20	16QAM	50	50	21.47	21.42	21.55		
20	16QAM	100	0	21.47	21.29	21.36		
20	64QAM	1	0	21.54	21.44	21.50	22	2
20	64QAM	1	49	21.37	21.33	21.46		
20	64QAM	1	99	21.38	21.41	21.55		
20	64QAM	50	0	20.53	20.53	20.66	21	3
20	64QAM	50	24	20.67	20.58	20.51		
20	64QAM	50	50	20.56	20.36	20.50		
20	64QAM	100	0	20.69	20.58	20.56		
20	256QAM	1	0	18.46	18.21	18.30	19	5
20	256QAM	1	49	18.44	18.33	18.19		
15	256QAM	1	37	18.33	18.25	18.07	19	5
15	256QAM	1	74	18.06	18.33	18.33		
15	256QAM	36	0	18.23	18.13	18.39	19	5
15	256QAM	36	20	18.37	18.28	18.42		
15	256QAM	36	39	18.29	18.41	18.23		
15	256QAM	75	0	18.34	18.25	18.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.40	23.50	23.39	24	0
10	QPSK	1	25	23.24	23.41	23.29		
10	QPSK	1	49	23.42	23.21	23.35		
10	QPSK	25	0	22.48	22.53	22.51	23	1
10	QPSK	25	12	22.26	22.29	22.37		
10	QPSK	25	25	22.50	22.29	22.38		
10	QPSK	50	0	22.44	22.48	22.40		
10	16QAM	1	0	22.43	22.34	22.32	23	1
10	16QAM	1	25	22.33	22.35	22.42		
10	16QAM	1	49	22.37	22.40	22.27		
10	16QAM	25	0	21.51	21.30	21.42	22	2
10	16QAM	25	12	21.47	21.26	21.33		
10	16QAM	25	25	21.36	21.33	21.50		
10	16QAM	50	0	21.41	21.18	21.24		
10	64QAM	1	0	21.43	21.31	21.40	22	2
10	64QAM	1	25	21.31	21.24	21.39		
10	64QAM	1	49	21.31	21.34	21.45		
10	64QAM	25	0	20.46	20.45	20.59	21	3
10	64QAM	25	12	20.59	20.47	20.39		
10	64QAM	25	25	20.48	20.27	20.38		
10	64QAM	50	0	20.61	20.53	20.49		
10	256QAM	1	0	18.36	18.13	18.21	19	5
10	256QAM	1	25	18.33	18.24	18.13		
10	256QAM	1	49	18.12	18.34	18.34		
10	256QAM	25	0	18.16	18.17	18.33	19	5
10	256QAM	25	12	18.34	18.32	18.44		
10	256QAM	25	25	18.32	18.46	18.25		
10	256QAM	50	0	18.31	18.22	18.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.39	23.54	23.40	24	0
5	QPSK	1	12	23.18	23.41	23.25		
5	QPSK	1	24	23.44	23.23	23.27		
5	QPSK	12	0	22.52	22.51	22.43	23	1
5	QPSK	12	7	22.26	22.24	22.37		
5	QPSK	12	13	22.47	22.29	22.46		
5	QPSK	25	0	22.47	22.45	22.46		
5	16QAM	1	0	22.43	22.33	22.35	23	1
5	16QAM	1	12	22.28	22.36	22.34		
5	16QAM	1	24	22.38	22.49	22.32		
5	16QAM	12	0	21.51	21.23	21.50	22	2
5	16QAM	12	7	21.50	21.24	21.27		
5	16QAM	12	13	21.35	21.30	21.48		
5	16QAM	25	0	21.34	21.18	21.32		
5	64QAM	1	0	21.44	21.39	21.45	22	2
5	64QAM	1	12	21.24	21.24	21.43		
5	64QAM	1	24	21.33	21.35	21.45		
5	64QAM	12	0	20.49	20.50	20.60	21	3
5	64QAM	12	7	20.56	20.54	20.44		
5	64QAM	12	13	20.44	20.27	20.41		
5	64QAM	25	0	20.63	20.55	20.53		
5	256QAM	1	0	18.43	18.18	18.20	19	5
5	256QAM	1	12	18.32	18.21	18.08		
5	256QAM	1	24	18.09	18.35	18.37		
5	256QAM	12	0	18.25	18.09	18.37	19	5
5	256QAM	12	7	18.35	18.33	18.43		
5	256QAM	12	13	18.35	18.39	18.17		
5	256QAM	25	0	18.32	18.25	18.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.53	23.46	24	0
3	QPSK	1	8	23.26	23.36	23.33		
3	QPSK	1	14	23.43	23.22	23.30		
3	QPSK	8	0	22.49	22.48	22.51	23	1
3	QPSK	8	4	22.26	22.26	22.36		
3	QPSK	8	7	22.50	22.29	22.44		
3	QPSK	15	0	22.43	22.43	22.43		
3	16QAM	1	0	22.43	22.32	22.34	23	1
3	16QAM	1	8	22.27	22.30	22.43		
3	16QAM	1	14	22.38	22.39	22.26		
3	16QAM	8	0	21.51	21.27	21.47	22	2
3	16QAM	8	4	21.45	21.31	21.26		
3	16QAM	8	7	21.36	21.32	21.47		
3	16QAM	15	0	21.41	21.24	21.30		
3	64QAM	1	0	21.48	21.32	21.45	22	2
3	64QAM	1	8	21.29	21.28	21.36		
3	64QAM	1	14	21.30	21.30	21.52		
3	64QAM	8	0	20.47	20.46	20.57	21	3
3	64QAM	8	4	20.56	20.49	20.44		
3	64QAM	8	7	20.50	20.31	20.40		
3	64QAM	15	0	20.57	20.54	20.48		
3	256QAM	1	0	18.41	18.12	18.18	19	5
3	256QAM	1	8	18.34	18.29	18.12		
3	256QAM	1	14	18.07	18.35	18.30		
3	256QAM	8	0	18.23	18.18	18.32	19	5
3	256QAM	8	4	18.34	18.30	18.38		
3	256QAM	8	7	18.33	18.44	18.19		
3	256QAM	15	0	18.26	18.28	18.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.46	23.43	24	0
1.4	QPSK	1	3	23.23	23.39	23.29		
1.4	QPSK	1	5	23.40	23.21	23.33		
1.4	QPSK	3	0	22.45	22.46	22.51	23	1
1.4	QPSK	3	1	22.26	22.29	22.38		
1.4	QPSK	3	3	22.48	22.24	22.40		
1.4	QPSK	6	0	22.39	22.46	22.45		
1.4	16QAM	1	0	22.42	22.31	22.35	23	1
1.4	16QAM	1	3	22.28	22.28	22.34		
1.4	16QAM	1	5	22.39	22.48	22.26		
1.4	16QAM	3	0	21.46	21.23	21.45	22	2
1.4	16QAM	3	1	21.48	21.33	21.31		
1.4	16QAM	3	3	21.38	21.38	21.51		
1.4	16QAM	6	0	21.36	21.16	21.26		
1.4	64QAM	1	0	21.43	21.38	21.40	22	2
1.4	64QAM	1	3	21.33	21.26	21.42		
1.4	64QAM	1	5	21.31	21.30	21.44		
1.4	64QAM	3	0	20.42	20.44	20.58	21	3
1.4	64QAM	3	1	20.63	20.46	20.44		
1.4	64QAM	3	3	20.49	20.28	20.46		
1.4	64QAM	6	0	20.63	20.49	20.49		
1.4	256QAM	1	0	18.35	18.13	18.23	19	5
1.4	256QAM	1	3	18.34	18.30	18.07		
1.4	256QAM	1	5	18.07	18.29	18.30		
1.4	256QAM	3	0	18.18	18.15	18.35	19	5
1.4	256QAM	3	1	18.34	18.28	18.45		
1.4	256QAM	3	3	18.33	18.41	18.23		
1.4	256QAM	6	0	18.32	18.28	18.46		

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.48	23.52	23.47	24.5	0
10	QPSK	1	25	23.17	23.43	23.35		
10	QPSK	1	49	23.39	23.28	23.37		
10	QPSK	25	0	22.56	22.60	22.47	23.5	1
10	QPSK	25	12	22.35	22.34	22.52		
10	QPSK	25	25	22.51	22.32	22.53		
10	QPSK	50	0	22.42	22.52	22.44		
10	16QAM	1	0	22.42	22.42	22.29	23.5	1
10	16QAM	1	25	22.36	22.27	22.47		
10	16QAM	1	49	22.38	22.45	22.39		
10	16QAM	25	0	21.56	21.36	21.53	22.5	2
10	16QAM	25	12	21.56	21.39	21.34		
10	16QAM	25	25	21.50	21.41	21.52		
10	16QAM	50	0	21.46	21.27	21.33		
10	64QAM	1	0	21.49	21.40	21.44	22.5	2
10	64QAM	1	25	21.35	21.31	21.37		
10	64QAM	1	49	21.29	21.37	21.53		
10	64QAM	25	0	20.57	20.43	20.61	21.5	3
10	64QAM	25	12	20.64	20.57	20.47		
10	64QAM	25	25	20.52	20.29	20.52		
10	64QAM	50	0	20.67	20.51	20.50		
10	256QAM	1	0	18.46	18.14	18.21	19.5	5
10	256QAM	1	25	18.41	18.31	18.11		
5	256QAM	1	12	18.23	18.12	18.01	19.5	5
5	256QAM	1	24	18.02	18.18	18.26		
5	256QAM	12	0	18.10	18.09	18.27	19.5	5
5	256QAM	12	7	18.17	18.18	18.43		
5	256QAM	12	13	18.27	18.27	18.12		
5	256QAM	25	0	18.22	18.14	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.32	23.49	23.38	24.5	0
3	QPSK	1	8	23.10	23.32	23.29		
3	QPSK	1	14	23.25	23.13	23.20		
3	QPSK	8	0	22.39	22.40	22.26	23.5	1
3	QPSK	8	4	22.27	22.23	22.39		
3	QPSK	8	7	22.41	22.14	22.39		
3	QPSK	15	0	22.38	22.33	22.33		
3	16QAM	1	0	22.31	22.32	22.20	23.5	1
3	16QAM	1	8	22.11	22.21	22.34		
3	16QAM	1	14	22.23	22.33	22.27		
3	16QAM	8	0	21.52	21.10	21.41	22.5	2
3	16QAM	8	4	21.43	21.22	21.19		
3	16QAM	8	7	21.39	21.27	21.43		
3	16QAM	15	0	21.31	21.07	21.25		
3	64QAM	1	0	21.27	21.18	21.40	22.5	2
3	64QAM	1	8	21.20	21.14	21.25		
3	64QAM	1	14	21.21	21.23	21.50		
3	64QAM	8	0	20.38	20.31	20.49	21.5	3
3	64QAM	8	4	20.52	20.43	20.35		
3	64QAM	8	7	20.42	20.16	20.41		
3	64QAM	15	0	20.59	20.39	20.37		
3	256QAM	1	0	18.39	18.04	18.13	19.5	5
3	256QAM	1	8	18.27	18.09	18.02		
3	256QAM	1	14	17.97	18.15	18.16		
3	256QAM	8	0	18.08	18.06	18.27	19.5	5
3	256QAM	8	4	18.29	18.25	18.34		
3	256QAM	8	7	18.19	18.29	18.16		
3	256QAM	15	0	18.14	18.09	18.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.29	23.46	23.25	24.5	0
1.4	QPSK	1	3	23.10	23.20	23.30		
1.4	QPSK	1	5	23.22	23.18	23.23		
1.4	QPSK	3	0	22.37	22.42	22.35	23.5	1
1.4	QPSK	3	1	22.17	22.26	22.29		
1.4	QPSK	3	3	22.46	22.24	22.42		
1.4	QPSK	6	0	22.26	22.31	22.35		
1.4	16QAM	1	0	22.21	22.30	22.21	23.5	1
1.4	16QAM	1	3	22.19	22.19	22.38		
1.4	16QAM	1	5	22.29	22.30	22.22		
1.4	16QAM	3	0	21.46	21.24	21.48	22.5	2
1.4	16QAM	3	1	21.40	21.33	21.26		
1.4	16QAM	3	3	21.39	21.25	21.32		
1.4	16QAM	6	0	21.37	21.07	21.30		
1.4	64QAM	1	0	21.37	21.18	21.32	22.5	2
1.4	64QAM	1	3	21.24	21.23	21.27		
1.4	64QAM	1	5	21.18	21.32	21.39		
1.4	64QAM	3	0	20.43	20.36	20.39	21.5	3
1.4	64QAM	3	1	20.52	20.36	20.36		
1.4	64QAM	3	3	20.38	20.15	20.42		
1.4	64QAM	6	0	20.51	20.47	20.41		
1.4	256QAM	1	0	18.30	18.07	18.15	19.5	5
1.4	256QAM	1	3	18.24	18.17	17.92		
1.4	256QAM	1	5	17.95	18.29	18.24		
1.4	256QAM	3	0	18.05	18.07	18.29	19.5	5
1.4	256QAM	3	1	18.18	18.22	18.42		
1.4	256QAM	3	3	18.27	18.26	18.07		
1.4	256QAM	6	0	18.15	18.14	18.40		

Band 7 Ant 1 DSI6&7

BW [MHz]	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	20.76	20.87	20.66	21	0
20	QPSK	1	49	20.62	20.71	20.64		
20	QPSK	1	99	20.78	20.68	20.67		
20	QPSK	50	0	20.72	20.80	20.62	21	0
20	QPSK	50	24	20.51	20.65	20.57		
20	QPSK	50	50	20.70	20.60	20.68		
20	QPSK	100	0	20.70	20.79	20.64		
20	16QAM	1	0	20.70	20.85	20.60	21	0
20	16QAM	1	49	20.50	20.62	20.61		
20	16QAM	1	99	20.67	20.59	20.66		
20	16QAM	50	0	20.74	20.80	20.57	21	0
20	16QAM	50	24	20.55	20.59	20.55		
20	16QAM	50	50	20.70	20.58	20.65		
20	16QAM	100	0	20.73	20.80	20.57		
20	64QAM	1	0	20.70	20.82	20.61	21	0
20	64QAM	1	49	20.58	20.64	20.58		
20	64QAM	1	99	20.68	20.63	20.69		
20	64QAM	50	0	20.52	20.73	20.66	21	0
20	64QAM	50	24	20.69	20.67	20.61		
20	64QAM	50	50	20.70	20.52	20.69		
20	64QAM	100	0	20.80	20.70	20.78		
20	256QAM	1	0	18.63	18.25	18.39	19	2
20	256QAM	1	49	18.60	18.38	18.23		
15	256QAM	1	37	18.54	18.89	18.39	19	2
15	256QAM	1	74	18.56	18.78	18.46		
15	256QAM	36	0	18.52	18.74	18.45	19	2
15	256QAM	36	20	18.49	18.76	18.48		
15	256QAM	36	39	18.54	18.87	18.46		
15	256QAM	75	0	18.43	18.70	18.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.71	20.84	20.64	21	0
10	QPSK	1	25	20.59	20.65	20.61		
10	QPSK	1	49	20.71	20.66	20.60		
10	QPSK	25	0	20.67	20.74	20.54	21	0
10	QPSK	25	12	20.46	20.61	20.51		
10	QPSK	25	25	20.63	20.56	20.61		
10	QPSK	50	0	20.65	20.75	20.56		
10	16QAM	1	0	20.62	20.80	20.54	21	0
10	16QAM	1	25	20.46	20.54	20.57		
10	16QAM	1	49	20.60	20.53	20.62		
10	16QAM	25	0	20.70	20.72	20.50	21	0
10	16QAM	25	12	20.49	20.54	20.48		
10	16QAM	25	25	20.65	20.51	20.63		
10	16QAM	50	0	20.69	20.78	20.52		
10	64QAM	1	0	20.65	20.76	20.54	21	0
10	64QAM	1	25	20.52	20.61	20.56		
10	64QAM	1	49	20.63	20.61	20.64		
10	64QAM	25	0	20.54	20.77	20.50	21	0
10	64QAM	25	12	20.54	20.81	20.46		
10	64QAM	25	25	20.52	20.76	20.46		
10	64QAM	50	0	20.54	20.75	20.52		
10	256QAM	1	0	18.51	18.77	18.44	19	2
10	256QAM	1	25	18.49	18.82	18.41		
10	256QAM	1	49	18.45	18.80	18.42		
10	256QAM	25	0	18.49	18.74	18.54	19	2
10	256QAM	25	12	18.41	18.74	18.53		
10	256QAM	25	25	18.61	18.76	18.54		
10	256QAM	50	0	18.49	18.82	18.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.73	20.84	20.64	21	0
5	QPSK	1	12	20.57	20.64	20.56		
5	QPSK	1	24	20.74	20.63	20.60		
5	QPSK	12	0	20.69	20.75	20.57	21	0
5	QPSK	12	7	20.44	20.59	20.52		
5	QPSK	12	13	20.67	20.55	20.63		
5	QPSK	25	0	20.63	20.77	20.60		
5	16QAM	1	0	20.65	20.82	20.52	21	0
5	16QAM	1	12	20.47	20.60	20.54		
5	16QAM	1	24	20.60	20.55	20.60		
5	16QAM	12	0	20.70	20.74	20.53	21	0
5	16QAM	12	7	20.51	20.53	20.49		
5	16QAM	12	13	20.64	20.55	20.60		
5	16QAM	25	0	20.69	20.75	20.50		
5	64QAM	1	0	20.65	20.75	20.56	21	0
5	64QAM	1	12	20.54	20.58	20.52		
5	64QAM	1	24	20.65	20.56	20.66		
5	64QAM	12	0	20.53	20.84	20.49	21	0
5	64QAM	12	7	20.60	20.86	20.53		
5	64QAM	12	13	20.47	20.71	20.45		
5	64QAM	25	0	20.51	20.69	20.50		
5	256QAM	1	0	18.50	18.84	18.47	19	2
5	256QAM	1	12	18.46	18.81	18.44		
5	256QAM	1	24	18.50	18.84	18.48		
5	256QAM	12	0	18.46	18.79	18.48	19	2
5	256QAM	12	7	18.42	18.74	18.52		
5	256QAM	12	13	18.54	18.78	18.46		
5	256QAM	25	0	18.53	18.78	18.45		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.24	24.33	24.25	25.5	0
10	QPSK	1	25	24.05	24.18	24.13		
10	QPSK	1	49	24.26	24.15	24.21		
10	QPSK	25	0	23.36	23.41	23.36	24.5	1
10	QPSK	25	12	23.12	23.16	23.25		
10	QPSK	25	25	23.30	23.06	23.26		
10	QPSK	50	0	23.26	23.32	23.29		
10	16QAM	1	0	23.33	23.20	23.13	24.5	1
10	16QAM	1	25	23.13	23.20	23.25		
10	16QAM	1	49	23.18	23.30	23.17		
10	16QAM	25	0	22.42	22.11	22.31	23.5	2
10	16QAM	25	12	22.32	22.09	22.12		
10	16QAM	25	25	22.24	22.16	22.37		
10	16QAM	50	0	22.30	22.04	22.18		
10	64QAM	1	0	22.28	22.23	22.33	23.5	2
10	64QAM	1	25	22.16	22.16	22.22		
10	64QAM	1	49	22.15	22.23	22.36		
10	64QAM	25	0	21.29	21.29	21.45	22.5	3
10	64QAM	25	12	21.45	21.31	21.30		
10	64QAM	25	25	21.29	21.17	21.24		
10	64QAM	50	0	21.42	21.38	21.34		
10	256QAM	1	0	19.29	19.00	19.09	20.5	5
10	256QAM	1	25	19.17	19.12	18.96		
5	256QAM	1	12	19.12	19.03	18.83	20.5	5
5	256QAM	1	24	18.84	19.05	19.10		
5	256QAM	12	0	19.00	18.88	19.17	20.5	5
5	256QAM	12	7	19.05	19.03	19.18		
5	256QAM	12	13	19.20	19.19	19.04		
5	256QAM	25	0	19.12	19.05	19.25		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.12	24.24	24.19	25.5	0
3	QPSK	1	8	23.98	24.06	24.01		
3	QPSK	1	14	24.17	24.08	24.10		
3	QPSK	8	0	23.25	23.38	23.33	24.5	1
3	QPSK	8	4	22.99	23.09	23.14		
3	QPSK	8	7	23.25	22.97	23.21		
3	QPSK	15	0	23.16	23.20	23.25		
3	16QAM	1	0	23.23	23.14	23.03	24.5	1
3	16QAM	1	8	23.02	23.15	23.15		
3	16QAM	1	14	23.11	23.21	23.14		
3	16QAM	8	0	22.37	21.99	22.25	23.5	2
3	16QAM	8	4	22.21	22.04	21.99		
3	16QAM	8	7	22.14	22.07	22.26		
3	16QAM	15	0	22.19	22.00	22.06		
3	64QAM	1	0	22.20	22.13	22.24	23.5	2
3	64QAM	1	8	22.09	22.07	22.13		
3	64QAM	1	14	22.02	22.19	22.30		
3	64QAM	8	0	21.18	21.22	21.36	22.5	3
3	64QAM	8	4	21.36	21.24	21.24		
3	64QAM	8	7	21.22	21.07	21.12		
3	64QAM	15	0	21.37	21.31	21.30		
3	256QAM	1	0	19.25	18.95	19.02	20.5	5
3	256QAM	1	8	19.13	18.99	18.86		
3	256QAM	1	14	18.92	19.02	19.07		
3	256QAM	8	0	19.00	18.86	19.19	20.5	5
3	256QAM	8	4	19.10	19.05	19.19		
3	256QAM	8	7	19.19	19.22	18.97		
3	256QAM	15	0	19.14	18.99	19.28		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.15	24.25	24.22	25.5	0
1.4	QPSK	1	3	23.93	24.08	24.07		
1.4	QPSK	1	5	24.21	24.07	24.14		
1.4	QPSK	3	0	23.31	23.37	23.27	24.5	1
1.4	QPSK	3	1	23.05	23.13	23.21		
1.4	QPSK	3	3	23.21	22.98	23.17		
1.4	QPSK	6	0	23.23	23.23	23.18		
1.4	16QAM	1	0	23.24	23.11	23.01	24.5	1
1.4	16QAM	1	3	23.02	23.14	23.16		
1.4	16QAM	1	5	23.14	23.22	23.08		
1.4	16QAM	3	0	22.30	22.00	22.20	23.5	2
1.4	16QAM	3	1	22.20	21.99	22.02		
1.4	16QAM	3	3	22.17	22.08	22.28		
1.4	16QAM	6	0	22.27	21.92	22.08		
1.4	64QAM	1	0	22.18	22.11	22.27	23.5	2
1.4	64QAM	1	3	22.12	22.13	22.12		
1.4	64QAM	1	5	22.07	22.18	22.30		
1.4	64QAM	3	0	21.21	21.21	21.40	22.5	3
1.4	64QAM	3	1	21.37	21.27	21.18		
1.4	64QAM	3	3	21.25	21.12	21.18		
1.4	64QAM	6	0	21.33	21.27	21.29		
1.4	256QAM	1	0	19.16	18.92	18.99	20.5	5
1.4	256QAM	1	3	19.07	19.05	18.83		
1.4	256QAM	1	5	18.92	19.01	19.08		
1.4	256QAM	3	0	19.01	18.90	19.15	20.5	5
1.4	256QAM	3	1	19.15	18.97	19.20		
1.4	256QAM	3	3	19.15	19.25	19.05		
1.4	256QAM	6	0	19.09	19.07	19.21		

Band 13 Ant 1 DSI6&7

BW [MHz]	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		24.06		25.5	0
10	QPSK	1	25		23.92			
10	QPSK	1	49		23.87			
10	QPSK	25	0		23.11		24.5	1
10	QPSK	25	12		22.91			
10	QPSK	25	25		22.88			
10	QPSK	50	0		23.11			
10	16QAM	1	0		22.97		24.5	1
10	16QAM	1	25		22.92			
10	16QAM	1	49		23.05			
10	16QAM	25	0		21.89		23.5	2
10	16QAM	25	12		21.83			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.76			
10	64QAM	1	0		21.94		23.5	2
10	64QAM	1	25		21.81			
10	64QAM	1	49		21.96			
10	64QAM	25	0		21.04		22.5	3
10	64QAM	25	12		21.10			
10	64QAM	25	25		20.92			
10	64QAM	50	0		21.04			
10	256QAM	1	0		18.76		20.5	5
10	256QAM	1	25		18.81			
5	256QAM	1	12	18.74	18.70	18.74	20.5	5
5	256QAM	1	24	18.77	18.73	18.81		
5	256QAM	12	0	18.64	18.55	18.56	20.5	5
5	256QAM	12	7	18.81	18.85	18.79		
5	256QAM	12	13	18.85	18.90	18.85		
5	256QAM	25	0	18.76	18.77	18.73		

Band 17 Ant 1 DSI6&7

BW [MHz]	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	24.14	24.25	24.21	25.5	0
10	QPSK	1	25	23.94	24.09	23.96		
10	QPSK	1	49	23.93	24.00	23.90		
10	QPSK	25	0	23.23	23.33	23.24	24.5	1
10	QPSK	25	12	22.92	23.02	22.89		
10	QPSK	25	25	22.91	23.03	22.95		
10	QPSK	50	0	23.12	23.21	23.11		
10	16QAM	1	0	23.00	23.11	23.00	24.5	1
10	16QAM	1	25	22.97	23.04	22.94		
10	16QAM	1	49	23.10	23.24	23.10		
10	16QAM	25	0	21.95	22.01	21.94	23.5	2
10	16QAM	25	12	22.03	22.08	21.97		
10	16QAM	25	25	22.02	22.17	22.05		
10	16QAM	50	0	21.84	21.94	21.83		
10	64QAM	1	0	22.01	22.08	22.04	23.5	2
10	64QAM	1	25	21.89	21.97	21.86		
10	64QAM	1	49	22.04	22.11	21.96		
10	64QAM	25	0	21.10	21.23	21.09	22.5	3
10	64QAM	25	12	21.26	21.32	21.25		
10	64QAM	25	25	20.97	21.05	20.94		
10	64QAM	50	0	21.15	21.30	21.15		
10	256QAM	1	0	18.72	18.85	18.79	20.5	5
10	256QAM	1	25	18.98	19.04	18.99		
5	256QAM	1	12	18.90	19.01	18.93	20.5	5
5	256QAM	1	24	18.90	18.98	18.92		
5	256QAM	12	0	18.72	18.77	18.73	20.5	5
5	256QAM	12	7	18.98	18.98	18.94		
5	256QAM	12	13	18.97	19.15	18.98		
5	256QAM	25	0	18.80	18.86	18.83		

Band 25 Ant 1 DSI6&7

BW [MHz]	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	23.33	23.35	23.32	24	0
20	QPSK	1	49	23.09	23.32	23.19		
20	QPSK	1	99	23.34	23.02	23.10		
20	QPSK	50	0	22.37	22.43	22.40	23	1
20	QPSK	50	24	22.14	22.20	22.21		
20	QPSK	50	50	22.26	22.01	22.20		
20	QPSK	100	0	22.26	22.35	22.33		
20	16QAM	1	0	22.24	22.11	22.09	23	1
20	16QAM	1	49	22.10	22.24	22.25		
20	16QAM	1	99	22.12	22.22	22.19		
20	16QAM	50	0	21.48	21.23	21.33	22	2
20	16QAM	50	24	21.48	21.15	21.10		
20	16QAM	50	50	21.30	21.18	21.47		
20	16QAM	100	0	21.20	21.07	21.19		
20	64QAM	1	0	21.35	21.13	21.22	22	2
20	64QAM	1	49	21.25	21.21	21.24		
20	64QAM	1	99	21.24	21.31	21.38		
20	64QAM	50	0	20.41	20.35	20.41	21	3
20	64QAM	50	24	20.40	20.30	20.41		
20	64QAM	50	50	20.37	20.22	20.21		
20	64QAM	100	0	20.49	20.35	20.32		
20	256QAM	1	0	18.15	18.04	18.11	19	5
20	256QAM	1	49	18.26	18.21	18.04		
15	256QAM	1	37	18.14	18.09	17.98	19	5
15	256QAM	1	74	18.00	18.15	18.13		
15	256QAM	36	0	17.90	18.01	18.16	19	5
15	256QAM	36	20	18.08	18.21	18.08		
15	256QAM	36	39	18.19	18.19	18.07		
15	256QAM	75	0	18.12	17.97	18.20		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.26	23.25	23.25	24	0
10	QPSK	1	25	23.04	23.23	23.12		
10	QPSK	1	49	23.31	22.94	23.01		
10	QPSK	25	0	22.29	22.39	22.36	23	1
10	QPSK	25	12	22.10	22.12	22.12		
10	QPSK	25	25	22.19	21.90	22.15		
10	QPSK	50	0	22.17	22.31	22.28		
10	16QAM	1	0	22.11	22.07	21.98	23	1
10	16QAM	1	25	22.05	22.14	22.17		
10	16QAM	1	49	22.06	22.10	22.14		
10	16QAM	25	0	21.36	21.12	21.27	22	2
10	16QAM	25	12	21.43	21.06	20.98		
10	16QAM	25	25	21.19	21.10	21.34		
10	16QAM	50	0	21.08	20.97	21.12		
10	64QAM	1	0	21.25	21.06	21.16	22	2
10	64QAM	1	25	21.16	21.08	21.17		
10	64QAM	1	49	21.15	21.26	21.30		
10	64QAM	25	0	20.32	20.30	20.34	21	3
10	64QAM	25	12	20.29	20.23	20.37		
10	64QAM	25	25	20.28	20.15	20.11		
10	64QAM	50	0	20.39	20.22	20.25		
10	256QAM	1	0	18.06	17.93	17.99	19	5
10	256QAM	1	25	18.22	18.12	17.99		
10	256QAM	1	49	17.94	18.22	18.14		
10	256QAM	25	0	17.92	18.03	18.20	19	5
10	256QAM	25	12	18.08	18.13	18.12		
10	256QAM	25	25	18.15	18.21	18.08		
10	256QAM	50	0	18.11	17.97	18.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.22	23.29	23.24	24	0
5	QPSK	1	12	22.96	23.20	23.15		
5	QPSK	1	24	23.24	22.95	23.05		
5	QPSK	12	0	22.34	22.37	22.34	23	1
5	QPSK	12	7	22.08	22.07	22.10		
5	QPSK	12	13	22.19	21.93	22.15		
5	QPSK	25	0	22.15	22.29	22.26		
5	16QAM	1	0	22.18	22.06	21.98	23	1
5	16QAM	1	12	22.06	22.11	22.21		
5	16QAM	1	24	22.08	22.13	22.12		
5	16QAM	12	0	21.45	21.19	21.21	22	2
5	16QAM	12	7	21.37	21.11	21.06		
5	16QAM	12	13	21.25	21.06	21.38		
5	16QAM	25	0	21.08	20.99	21.14		
5	64QAM	1	0	21.30	21.04	21.12	22	2
5	64QAM	1	12	21.21	21.13	21.18		
5	64QAM	1	24	21.17	21.20	21.32		
5	64QAM	12	0	20.35	20.28	20.30	21	3
5	64QAM	12	7	20.28	20.17	20.37		
5	64QAM	12	13	20.26	20.17	20.16		
5	64QAM	25	0	20.38	20.27	20.24		
5	256QAM	1	0	18.04	17.97	18.02	19	5
5	256QAM	1	12	18.16	18.11	17.97		
5	256QAM	1	24	18.01	18.20	18.06		
5	256QAM	12	0	17.94	18.04	18.13	19	5
5	256QAM	12	7	18.09	18.20	18.15		
5	256QAM	12	13	18.22	18.22	18.07		
5	256QAM	25	0	18.13	18.03	18.23		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.25	23.24	23.25	24	0
3	QPSK	1	8	23.05	23.21	23.13		
3	QPSK	1	14	23.25	22.93	23.04		
3	QPSK	8	0	22.32	22.34	22.30	23	1
3	QPSK	8	4	22.06	22.10	22.08		
3	QPSK	8	7	22.23	21.94	22.09		
3	QPSK	15	0	22.13	22.26	22.28		
3	16QAM	1	0	22.20	22.01	21.99	23	1
3	16QAM	1	8	22.06	22.12	22.13		
3	16QAM	1	14	22.03	22.16	22.14		
3	16QAM	8	0	21.36	21.14	21.22	22	2
3	16QAM	8	4	21.43	21.02	21.00		
3	16QAM	8	7	21.23	21.05	21.37		
3	16QAM	15	0	21.07	20.97	21.16		
3	64QAM	1	0	21.26	21.02	21.10	22	2
3	64QAM	1	8	21.13	21.08	21.20		
3	64QAM	1	14	21.18	21.21	21.30		
3	64QAM	8	0	20.35	20.23	20.28	21	3
3	64QAM	8	4	20.33	20.20	20.28		
3	64QAM	8	7	20.27	20.10	20.09		
3	64QAM	15	0	20.40	20.23	20.25		
3	256QAM	1	0	18.05	17.95	18.03	19	5
3	256QAM	1	8	18.22	18.13	17.97		
3	256QAM	1	14	18.02	18.12	18.09		
3	256QAM	8	0	17.96	18.07	18.19	19	5
3	256QAM	8	4	18.04	18.15	18.13		
3	256QAM	8	7	18.15	18.18	18.06		
3	256QAM	15	0	18.06	18.03	18.25		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.21	23.25	23.22	24	0
1.4	QPSK	1	3	22.97	23.22	23.13		
1.4	QPSK	1	5	23.28	22.96	23.02		
1.4	QPSK	3	0	22.31	22.37	22.32	23	1
1.4	QPSK	3	1	22.03	22.10	22.13		
1.4	QPSK	3	3	22.19	22.03	22.11		
1.4	QPSK	6	0	22.20	22.30	22.27		
1.4	16QAM	1	0	22.15	22.06	22.03	23	1
1.4	16QAM	1	3	22.05	22.13	22.17		
1.4	16QAM	1	5	22.07	22.13	22.11		
1.4	16QAM	3	0	21.44	21.17	21.21	22	2
1.4	16QAM	3	1	21.43	21.11	21.05		
1.4	16QAM	3	3	21.18	21.08	21.38		
1.4	16QAM	6	0	21.13	21.03	21.15		
1.4	64QAM	1	0	21.30	21.03	21.09	22	2
1.4	64QAM	1	3	21.15	21.10	21.14		
1.4	64QAM	1	5	21.14	21.22	21.29		
1.4	64QAM	3	0	20.35	20.23	20.32	21	3
1.4	64QAM	3	1	20.35	20.24	20.34		
1.4	64QAM	3	3	20.29	20.13	20.11		
1.4	64QAM	6	0	20.42	20.30	20.27		
1.4	256QAM	1	0	18.08	17.95	18.08	19	5
1.4	256QAM	1	3	18.18	18.11	17.93		
1.4	256QAM	1	5	18.02	18.19	18.07		
1.4	256QAM	3	0	17.97	18.00	18.20	19	5
1.4	256QAM	3	1	18.04	18.19	18.10		
1.4	256QAM	3	3	18.16	18.13	18.11		
1.4	256QAM	6	0	18.14	18.02	18.23		

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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	23.51	23.58	23.55	24.5	0
15	QPSK	1	37	23.25	23.51	23.22		
15	QPSK	1	74	23.48	23.18	23.28		
15	QPSK	36	0	22.52	22.61	22.51	23.5	1
15	QPSK	36	20	22.36	22.37	22.25		
15	QPSK	36	39	22.47	22.21	22.32		
15	QPSK	75	0	22.26	22.45	22.42		
15	16QAM	1	0	22.25	22.11	22.17	23.5	1
15	16QAM	1	37	22.21	22.42	22.29		
15	16QAM	1	74	22.25	22.36	22.37		
15	16QAM	36	0	21.62	21.29	21.40	22.5	2
15	16QAM	36	20	21.56	21.25	21.17		
15	16QAM	36	39	21.45	21.40	21.59		
15	16QAM	75	0	21.41	21.15	21.41		
15	64QAM	1	0	21.44	21.22	21.35	22.5	2
15	64QAM	1	37	21.25	21.36	21.26		
15	64QAM	1	74	21.41	21.49	21.39		
15	64QAM	36	0	20.47	20.39	20.46	21.5	3
15	64QAM	36	20	20.43	20.41	20.61		
15	64QAM	36	39	20.54	20.27	20.29		
15	64QAM	75	0	20.47	20.42	20.33		
15	256QAM	1	0	18.15	18.20	18.32	19.5	5
15	256QAM	1	37	18.30	18.24	18.10		
10	256QAM	1	25	18.23	18.12	18.02	19.5	5
10	256QAM	1	49	18.09	18.35	18.28		
10	256QAM	25	0	17.98	18.16	18.17	19.5	5
10	256QAM	25	12	18.08	18.19	18.21		
10	256QAM	25	25	18.38	18.35	18.20		
10	256QAM	50	0	18.21	18.03	18.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.39	23.54	23.50	24.5	0
5	QPSK	1	12	23.13	23.45	23.09		
5	QPSK	1	24	23.39	23.09	23.16		
5	QPSK	12	0	22.40	22.58	22.47	23.5	1
5	QPSK	12	7	22.24	22.25	22.22		
5	QPSK	12	13	22.38	22.16	22.26		
5	QPSK	25	0	22.20	22.37	22.30		
5	16QAM	1	0	22.18	22.04	22.05	23.5	1
5	16QAM	1	12	22.09	22.32	22.20		
5	16QAM	1	24	22.21	22.31	22.32		
5	16QAM	12	0	21.58	21.19	21.34	22.5	2
5	16QAM	12	7	21.51	21.20	21.15		
5	16QAM	12	13	21.39	21.34	21.50		
5	16QAM	25	0	21.32	21.05	21.32		
5	64QAM	1	0	21.31	21.09	21.27	22.5	2
5	64QAM	1	12	21.20	21.30	21.22		
5	64QAM	1	24	21.34	21.44	21.30		
5	64QAM	12	0	20.36	20.31	20.43	21.5	3
5	64QAM	12	7	20.39	20.34	20.50		
5	64QAM	12	13	20.47	20.17	20.17		
5	64QAM	25	0	20.35	20.35	20.26		
5	256QAM	1	0	18.11	18.09	18.21	19.5	5
5	256QAM	1	12	18.23	18.18	18.01		
5	256QAM	1	24	18.01	18.30	18.33		
5	256QAM	12	0	17.94	18.15	18.24	19.5	5
5	256QAM	12	7	18.08	18.10	18.22		
5	256QAM	12	13	18.35	18.33	18.20		
5	256QAM	25	0	18.15	18.01	18.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.42	23.46	23.45	24.5	0
3	QPSK	1	8	23.13	23.44	23.09		
3	QPSK	1	14	23.39	23.07	23.16		
3	QPSK	8	0	22.44	22.48	22.41	23.5	1
3	QPSK	8	4	22.25	22.24	22.16		
3	QPSK	8	7	22.38	22.14	22.26		
3	QPSK	15	0	22.19	22.38	22.35		
3	16QAM	1	0	22.19	22.02	22.12	23.5	1
3	16QAM	1	8	22.16	22.34	22.21		
3	16QAM	1	14	22.20	22.27	22.29		
3	16QAM	8	0	21.55	21.23	21.32	22.5	2
3	16QAM	8	4	21.50	21.22	21.11		
3	16QAM	8	7	21.41	21.29	21.48		
3	16QAM	15	0	21.36	21.10	21.29		
3	64QAM	1	0	21.33	21.18	21.27	22.5	2
3	64QAM	1	8	21.17	21.25	21.17		
3	64QAM	1	14	21.35	21.38	21.27		
3	64QAM	8	0	20.39	20.35	20.38	21.5	3
3	64QAM	8	4	20.37	20.30	20.56		
3	64QAM	8	7	20.51	20.15	20.21		
3	64QAM	15	0	20.42	20.33	20.23		
3	256QAM	1	0	18.10	18.11	18.26	19.5	5
3	256QAM	1	8	18.24	18.20	18.05		
3	256QAM	1	14	18.02	18.35	18.27		
3	256QAM	8	0	17.93	18.15	18.20	19.5	5
3	256QAM	8	4	18.07	18.14	18.22		
3	256QAM	8	7	18.36	18.37	18.17		
3	256QAM	15	0	18.14	18.08	18.35		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.45	23.49	23.50	24.5	0
1.4	QPSK	1	3	23.20	23.45	23.18		
1.4	QPSK	1	5	23.41	23.06	23.17		
1.4	QPSK	3	0	22.51	22.54	22.57	23.5	1
1.4	QPSK	3	1	22.28	22.28	22.56		
1.4	QPSK	3	3	22.41	22.17	22.49		
1.4	QPSK	6	0	22.16	22.36	22.35		
1.4	16QAM	1	0	22.17	22.04	22.13	23.5	1
1.4	16QAM	1	3	22.14	22.30	22.18		
1.4	16QAM	1	5	22.15	22.29	22.32		
1.4	16QAM	3	0	21.56	21.26	21.32	22.5	2
1.4	16QAM	3	1	21.51	21.19	21.29		
1.4	16QAM	3	3	21.53	21.32	21.50		
1.4	16QAM	6	0	21.28	21.11	21.29		
1.4	64QAM	1	0	21.40	21.09	21.23	22.5	2
1.4	64QAM	1	3	21.15	21.33	21.17		
1.4	64QAM	1	5	21.35	21.45	21.29		
1.4	64QAM	3	0	20.40	20.30	20.36	21.5	3
1.4	64QAM	3	1	20.36	20.29	20.50		
1.4	64QAM	3	3	20.41	20.24	20.17		
1.4	64QAM	6	0	20.39	20.32	20.28		
1.4	256QAM	1	0	18.09	18.09	18.21	19.5	5
1.4	256QAM	1	3	18.21	18.15	18.05		
1.4	256QAM	1	5	18.06	18.32	18.32		
1.4	256QAM	3	0	17.94	18.21	18.17	19.5	5
1.4	256QAM	3	1	18.04	18.13	18.24		
1.4	256QAM	3	3	18.34	18.35	18.18		
1.4	256QAM	6	0	18.19	18.09	18.30		

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.88		21	0
10	QPSK	1	25		19.76			
10	QPSK	1	49		19.60			
10	QPSK	25	0		19.76		21	0
10	QPSK	25	12		19.70			
10	QPSK	25	25		19.56			
10	QPSK	50	0		19.71			
10	16QAM	1	0		19.83		21	0
10	16QAM	1	25		19.73			
10	16QAM	1	49		19.59			
10	16QAM	25	0		19.75		21	0
10	16QAM	25	12		19.66			
10	16QAM	25	25		19.56			
10	16QAM	50	0		19.67			
10	64QAM	1	0		19.78		21	0
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.60			
10	64QAM	25	0		19.63		21	0
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.50			
10	64QAM	50	0		19.56			
10	256QAM	1	0		17.50		19	2
10	256QAM	1	25		17.35			
5	256QAM	1	12	17.34	17.28	17.35	19	2
5	256QAM	1	24	17.23	17.47	17.61		
5	256QAM	12	0	17.11	17.38	17.46	19	2
5	256QAM	12	7	17.17	17.28	17.35		
5	256QAM	12	13	17.49	17.60	17.39		
5	256QAM	25	0	17.43	17.22	17.57		

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BW [MHz]	Modulation	RB Size	17	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	23.46	23.59	23.53	24	0
20	QPSK	1	49	23.23	23.32	23.27		
20	QPSK	1	99	23.43	23.40	23.15		
20	QPSK	50	0	22.47	22.50	22.46	23	1
20	QPSK	50	24	22.22	22.25	22.22		
20	QPSK	50	50	22.26	22.02	22.17		
20	QPSK	100	0	22.09	22.35	22.32		
20	16QAM	1	0	22.09	22.01	22.15	23	1
20	16QAM	1	49	22.19	22.38	22.31		
20	16QAM	1	99	22.18	22.33	22.29		
20	16QAM	50	0	21.43	21.11	21.40	22	2
20	16QAM	50	24	21.40	21.23	21.22		
20	16QAM	50	50	21.45	21.21	21.52		
20	16QAM	100	0	21.41	21.09	21.34		
20	64QAM	1	0	21.35	21.24	21.20	22	2
20	64QAM	1	49	21.12	21.31	21.16		
20	64QAM	1	99	21.29	21.33	21.32		
20	64QAM	50	0	20.41	20.24	20.37	21	3
20	64QAM	50	24	20.32	20.21	20.42		
20	64QAM	50	50	20.37	20.18	20.16		
20	64QAM	100	0	20.42	20.23	20.26		
20	256QAM	1	0	18.09	18.21	18.23	19	5
20	256QAM	1	49	18.15	18.09	18.00		
15	256QAM	1	37	18.11	18.05	17.92	19	5
15	256QAM	1	74	17.86	18.27	18.19		
15	256QAM	36	0	18.07	18.10	18.05	19	5
15	256QAM	36	20	18.10	17.97	18.00		
15	256QAM	36	39	18.32	18.37	18.07		
15	256QAM	75	0	17.97	18.10	18.37		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.38	23.48	23.49	24	0
10	QPSK	1	25	23.12	23.27	23.19		
10	QPSK	1	49	23.36	23.28	23.12		
10	QPSK	25	0	22.43	22.47	22.40	23	1
10	QPSK	25	12	22.17	22.20	22.16		
10	QPSK	25	25	22.21	21.98	22.09		
10	QPSK	50	0	22.00	22.23	22.24		
10	16QAM	1	0	22.01	21.89	22.07	23	1
10	16QAM	1	25	22.09	22.25	22.19		
10	16QAM	1	49	22.12	22.28	22.17		
10	16QAM	25	0	21.33	21.05	21.36	22	2
10	16QAM	25	12	21.32	21.11	21.16		
10	16QAM	25	25	21.39	21.11	21.41		
10	16QAM	50	0	21.38	20.99	21.25		
10	64QAM	1	0	21.32	21.13	21.11	22	2
10	64QAM	1	25	21.00	21.26	21.04		
10	64QAM	1	49	21.19	21.28	21.23		
10	64QAM	25	0	20.37	20.16	20.26	21	3
10	64QAM	25	12	20.20	20.13	20.29		
10	64QAM	25	25	20.25	20.07	20.06		
10	64QAM	50	0	20.38	20.11	20.18		
10	256QAM	1	0	18.01	18.17	18.18	19	5
10	256QAM	1	25	18.05	18.02	17.94		
10	256QAM	1	49	17.86	18.32	18.09		
10	256QAM	25	0	18.08	18.13	18.10	19	5
10	256QAM	25	12	18.08	17.93	18.01		
10	256QAM	25	25	18.40	18.38	18.09		
10	256QAM	50	0	17.91	18.09	18.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.42	23.48	23.47	24	0
5	QPSK	1	12	23.17	23.22	23.16		
5	QPSK	1	24	23.38	23.33	23.05		
5	QPSK	12	0	22.38	22.37	22.34	23	1
5	QPSK	12	7	22.16	22.16	22.09		
5	QPSK	12	13	22.19	21.98	22.09		
5	QPSK	25	0	22.03	22.30	22.27		
5	16QAM	1	0	21.98	21.90	22.11	23	1
5	16QAM	1	12	22.10	22.27	22.22		
5	16QAM	1	24	22.09	22.21	22.19		
5	16QAM	12	0	21.38	21.04	21.33	22	2
5	16QAM	12	7	21.32	21.16	21.17		
5	16QAM	12	13	21.40	21.13	21.44		
5	16QAM	25	0	21.38	20.98	21.24		
5	64QAM	1	0	21.28	21.18	21.09	22	2
5	64QAM	1	12	21.02	21.23	21.04		
5	64QAM	1	24	21.21	21.24	21.27		
5	64QAM	12	0	20.36	20.19	20.26	21	3
5	64QAM	12	7	20.26	20.14	20.37		
5	64QAM	12	13	20.31	20.13	20.09		
5	64QAM	25	0	20.38	20.15	20.22		
5	256QAM	1	0	18.00	18.18	18.16	19	5
5	256QAM	1	12	18.05	17.96	17.97		
5	256QAM	1	24	17.89	18.31	18.09		
5	256QAM	12	0	18.09	18.12	18.03	19	5
5	256QAM	12	7	18.09	17.91	18.02		
5	256QAM	12	13	18.35	18.33	18.08		
5	256QAM	25	0	17.97	18.01	18.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.39	23.51	23.44	24	0
3	QPSK	1	8	23.11	23.25	23.21		
3	QPSK	1	14	23.30	23.32	23.06		
3	QPSK	8	0	22.37	22.38	22.40	23	1
3	QPSK	8	4	22.12	22.21	22.14		
3	QPSK	8	7	22.16	21.98	22.09		
3	QPSK	15	0	22.02	22.32	22.28		
3	16QAM	1	0	22.03	21.88	22.12	23	1
3	16QAM	1	8	22.09	22.29	22.18		
3	16QAM	1	14	22.06	22.23	22.18		
3	16QAM	8	0	21.34	21.01	21.29	22	2
3	16QAM	8	4	21.36	21.12	21.10		
3	16QAM	8	7	21.34	21.15	21.49		
3	16QAM	15	0	21.30	21.01	21.28		
3	64QAM	1	0	21.30	21.16	21.13	22	2
3	64QAM	1	8	21.09	21.19	21.13		
3	64QAM	1	14	21.19	21.21	21.21		
3	64QAM	8	0	20.30	20.12	20.26	21	3
3	64QAM	8	4	20.28	20.16	20.37		
3	64QAM	8	7	20.31	20.15	20.10		
3	64QAM	15	0	20.32	20.11	20.16		
3	256QAM	1	0	17.99	18.15	18.14	19	5
3	256QAM	1	8	18.03	18.04	17.90		
3	256QAM	1	14	17.87	18.33	18.17		
3	256QAM	8	0	18.10	18.13	18.03	19	5
3	256QAM	8	4	18.03	17.94	18.00		
3	256QAM	8	7	18.41	18.34	18.10		
3	256QAM	15	0	17.92	18.06	18.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.38	23.50	23.45	24	0
1.4	QPSK	1	3	23.16	23.28	23.15		
1.4	QPSK	1	5	23.31	23.30	23.10		
1.4	QPSK	3	0	22.36	22.46	22.39	23	1
1.4	QPSK	3	1	22.10	22.22	22.15		
1.4	QPSK	3	3	22.17	22.01	22.09		
1.4	QPSK	6	0	21.98	22.28	22.21		
1.4	16QAM	1	0	22.05	21.89	22.05	23	1
1.4	16QAM	1	3	22.12	22.34	22.24		
1.4	16QAM	1	5	22.10	22.27	22.22		
1.4	16QAM	3	0	21.35	21.06	21.28	22	2
1.4	16QAM	3	1	21.31	21.18	21.18		
1.4	16QAM	3	3	21.34	21.11	21.45		
1.4	16QAM	6	0	21.33	21.00	21.30		
1.4	64QAM	1	0	21.31	21.16	21.10	22	2
1.4	64QAM	1	3	21.05	21.19	21.10		
1.4	64QAM	1	5	21.23	21.24	21.25		
1.4	64QAM	3	0	20.33	20.21	20.26	21	3
1.4	64QAM	3	1	20.23	20.16	20.37		
1.4	64QAM	3	3	20.33	20.11	20.08		
1.4	64QAM	6	0	20.34	20.14	20.16		
1.4	256QAM	1	0	18.02	18.14	18.14	19	5
1.4	256QAM	1	3	18.02	18.00	17.97		
1.4	256QAM	1	5	17.85	18.33	18.15		
1.4	256QAM	3	0	18.05	18.12	18.09	19	5
1.4	256QAM	3	1	18.04	17.93	18.05		
1.4	256QAM	3	3	18.39	18.38	18.04		
1.4	256QAM	6	0	17.96	18.00	18.36		

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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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	23.35	23.58	23.38	24.5	0
20	QPSK	1	49	23.09	23.25	23.22		
20	QPSK	1	99	23.39	23.36	23.42		
20	QPSK	50	0	22.40	22.46	22.32	23.5	1
20	QPSK	50	24	22.19	22.22	22.43		
20	QPSK	50	50	22.24	22.14	22.31		
20	QPSK	100	0	21.99	22.30	22.28		
20	16QAM	1	0	22.08	21.85	22.00	23.5	1
20	16QAM	1	49	22.01	22.26	22.33		
20	16QAM	1	99	22.15	22.18	22.23		
20	16QAM	50	0	21.41	21.22	21.20	22.5	2
20	16QAM	50	24	21.26	21.15	21.05		
20	16QAM	50	50	21.25	21.03	21.53		
20	16QAM	100	0	21.27	20.91	21.14		
20	64QAM	1	0	21.36	21.10	21.04	22.5	2
20	64QAM	1	49	21.04	21.27	21.18		
20	64QAM	1	99	21.24	21.23	21.11		
20	64QAM	50	0	20.26	20.19	20.24	21.5	3
20	64QAM	50	24	20.17	20.05	20.27		
20	64QAM	50	50	20.16	20.02	20.04		
20	64QAM	100	0	20.35	20.02	20.23		
20	256QAM	1	0	18.08	18.01	18.10	19.5	5
20	256QAM	1	49	18.03	17.96	17.80		
15	256QAM	1	37	17.95	17.89	17.71	19.5	5
15	256QAM	1	74	17.65	18.07	17.99		
15	256QAM	36	0	17.93	18.05	17.92	19.5	5
15	256QAM	36	20	18.02	17.86	17.85		
15	256QAM	36	39	18.33	18.16	17.95		
15	256QAM	75	0	17.81	18.07	18.20		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.28	23.54	23.32	24.5	0
10	QPSK	1	25	23.05	23.15	23.14		
10	QPSK	1	49	23.36	23.29	23.33		
10	QPSK	25	0	22.35	22.40	22.24	23.5	1
10	QPSK	25	12	22.10	22.12	22.39		
10	QPSK	25	25	22.17	22.02	22.19		
10	QPSK	50	0	21.89	22.21	22.20		
10	16QAM	1	0	21.98	21.75	21.93	23.5	1
10	16QAM	1	25	21.95	22.16	22.23		
10	16QAM	1	49	22.09	22.09	22.12		
10	16QAM	25	0	21.33	21.15	21.15	22.5	2
10	16QAM	25	12	21.22	21.03	20.99		
10	16QAM	25	25	21.16	20.99	21.44		
10	16QAM	50	0	21.22	20.86	21.02		
10	64QAM	1	0	21.30	20.99	20.91	22.5	2
10	64QAM	1	25	21.01	21.16	21.08		
10	64QAM	1	49	21.18	21.14	21.03		
10	64QAM	25	0	20.22	20.08	20.14	21.5	3
10	64QAM	25	12	20.10	19.93	20.16		
10	64QAM	25	25	20.10	19.94	19.93		
10	64QAM	50	0	20.26	19.95	20.18		
10	256QAM	1	0	17.99	17.97	17.99	19.5	5
10	256QAM	1	25	17.95	17.90	17.70		
10	256QAM	1	49	17.66	18.14	18.04		
10	256QAM	25	0	17.96	18.13	17.89	19.5	5
10	256QAM	25	12	18.00	17.94	17.85		
10	256QAM	25	25	18.31	18.19	17.95		
10	256QAM	50	0	17.79	18.05	18.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	23.32	23.53	23.29	24.5	0
5	QPSK	1	12	23.06	23.15	23.15		
5	QPSK	1	24	23.33	23.24	23.35		
5	QPSK	12	0	22.31	22.36	22.28	23.5	1
5	QPSK	12	7	22.10	22.19	22.33		
5	QPSK	12	13	22.19	22.04	22.27		
5	QPSK	25	0	21.87	22.21	22.21		
5	16QAM	1	0	22.05	22.01	21.94	23.5	1
5	16QAM	1	12	21.98	22.14	22.25		
5	16QAM	1	24	22.09	22.08	22.12		
5	16QAM	12	0	21.28	21.09	21.09	22.5	2
5	16QAM	12	7	21.14	21.03	20.98		
5	16QAM	12	13	21.14	21.00	21.43		
5	16QAM	25	0	21.14	20.78	21.06		
5	64QAM	1	0	21.27	21.05	20.98	22.5	2
5	64QAM	1	12	20.98	21.21	21.14		
5	64QAM	1	24	21.19	21.14	21.03		
5	64QAM	12	0	20.17	20.13	20.17	21.5	3
5	64QAM	12	7	20.13	19.93	20.17		
5	64QAM	12	13	20.13	19.93	19.93		
5	64QAM	25	0	20.22	19.90	20.16		
5	256QAM	1	0	18.04	17.89	18.03	19.5	5
5	256QAM	1	12	17.98	17.89	17.72		
5	256QAM	1	24	17.63	18.13	18.01		
5	256QAM	12	0	17.95	18.05	17.89	19.5	5
5	256QAM	12	7	18.02	17.84	17.87		
5	256QAM	12	13	18.31	18.17	17.89		
5	256QAM	25	0	17.78	18.05	18.18		

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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	21.88	22.05	21.79	23	0
20	QPSK	1	49	21.79	21.94	21.87		
20	QPSK	1	99	21.83	21.83	21.85		
20	QPSK	50	0	21.81	22.03	21.81	23	0
20	QPSK	50	24	21.75	21.88	21.81		
20	QPSK	50	50	21.81	21.97	21.82		
20	QPSK	100	0	21.84	21.96	21.72		
20	16QAM	1	0	21.80	21.94	21.71	23	0
20	16QAM	1	49	21.75	21.87	21.78		
20	16QAM	1	99	21.84	21.88	21.75		
20	16QAM	50	0	21.87	21.84	21.88	23	0
20	16QAM	50	24	21.90	21.97	21.88		
20	16QAM	50	50	21.86	21.91	21.81		
20	16QAM	100	0	21.87	21.93	21.86		
20	64QAM	1	0	21.81	21.91	21.86	23	0
20	64QAM	1	49	21.85	21.83	21.93		
20	64QAM	1	99	21.81	21.97	21.86		
20	64QAM	50	0	20.84	20.83	20.88	22	1
20	64QAM	50	24	20.82	20.83	20.85		
20	64QAM	50	50	20.88	20.91	20.87		
20	64QAM	100	0	20.98	20.93	20.84		
20	256QAM	1	0	18.79	18.80	18.81	20	3
20	256QAM	1	49	18.89	18.84	18.82		
15	256QAM	1	37	18.80	18.74	18.80	20	3
15	256QAM	1	74	18.68	18.76	18.65		
15	256QAM	36	0	18.79	18.71	18.76	20	3
15	256QAM	36	20	18.82	18.77	18.80		
15	256QAM	36	39	18.76	18.75	18.74		
15	256QAM	75	0	18.78	18.77	18.78		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.78	21.87	21.72	23	0
10	QPSK	1	25	21.65	21.85	21.72		
10	QPSK	1	49	21.72	21.79	21.81		
10	QPSK	25	0	21.75	21.81	21.65	23	0
10	QPSK	25	12	21.64	21.86	21.71		
10	QPSK	25	25	21.77	21.78	21.66		
10	QPSK	50	0	21.77	21.83	21.62		
10	16QAM	1	0	21.67	21.77	21.71	23	0
10	16QAM	1	25	21.74	21.76	21.67		
10	16QAM	1	49	21.73	21.72	21.69		
10	16QAM	25	0	21.71	21.72	21.75	23	0
10	16QAM	25	12	21.81	21.83	21.76		
10	16QAM	25	25	21.68	21.81	21.67		
10	16QAM	50	0	21.76	21.77	21.69		
10	64QAM	1	0	21.76	21.82	21.78	23	0
10	64QAM	1	25	21.75	21.77	21.82		
10	64QAM	1	49	21.67	21.86	21.73		
10	64QAM	25	0	20.76	20.72	20.74	22	1
10	64QAM	25	12	20.74	20.77	20.71		
10	64QAM	25	25	20.72	20.84	20.73		
10	64QAM	50	0	20.87	20.79	20.69		
10	256QAM	1	0	18.72	18.73	18.74	20	3
10	256QAM	1	25	18.73	18.76	18.71		
10	256QAM	1	49	18.68	18.76	18.65		
10	256QAM	25	0	18.73	18.80	18.76	20	3
10	256QAM	25	12	18.88	18.70	18.76		
10	256QAM	25	25	18.73	18.75	18.77		
10	256QAM	50	0	18.73	18.83	18.70		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.77	21.99	21.77	23	0
5	QPSK	1	12	21.62	21.77	21.71		
5	QPSK	1	24	21.77	21.74	21.81		
5	QPSK	12	0	21.81	21.78	21.73	23	0
5	QPSK	12	7	21.74	21.81	21.70		
5	QPSK	12	13	21.75	21.87	21.66		
5	QPSK	25	0	21.74	21.82	21.61		
5	16QAM	1	0	21.68	21.79	21.71	23	0
5	16QAM	1	12	21.67	21.78	21.68		
5	16QAM	1	24	21.69	21.82	21.64		
5	16QAM	12	0	21.80	21.72	21.72	23	0
5	16QAM	12	7	21.78	21.86	21.76		
5	16QAM	12	13	21.74	21.76	21.74		
5	16QAM	25	0	21.80	21.81	21.74		
5	64QAM	1	0	21.74	21.73	21.74	23	0
5	64QAM	1	12	21.75	21.74	21.81		
5	64QAM	1	24	21.73	21.78	21.70		
5	64QAM	12	0	20.69	20.71	20.79	22	1
5	64QAM	12	7	20.69	20.70	20.79		
5	64QAM	12	13	20.74	20.83	20.70		
5	64QAM	25	0	20.82	20.81	20.68		
5	256QAM	1	0	18.79	18.67	18.74	20	3
5	256QAM	1	12	18.73	18.84	18.71		
5	256QAM	1	24	18.74	18.80	18.69		
5	256QAM	12	0	18.83	18.70	18.77	20	3
5	256QAM	12	7	18.83	18.72	18.73		
5	256QAM	12	13	18.81	18.71	18.83		
5	256QAM	25	0	18.80	18.76	18.71		

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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	21.83	21.99	22.13	21.95	21.74	23	0
20	QPSK	1	49	21.81	21.87	22.00	21.91	21.72		
20	QPSK	1	99	21.80	21.96	21.93	21.96	21.74		
20	QPSK	50	0	21.77	21.96	22.05	21.88	21.68	23	0
20	QPSK	50	24	21.81	21.90	22.00	21.87	21.75		
20	QPSK	50	50	21.78	21.94	22.02	21.89	21.72		
20	QPSK	100	0	21.75	21.96	22.01	21.87	21.75		
20	16QAM	1	0	21.83	21.88	22.00	21.87	21.71	23	0
20	16QAM	1	49	21.80	21.90	21.96	21.90	21.80		
20	16QAM	1	99	21.76	21.95	21.97	21.88	21.78		
20	16QAM	50	0	21.79	21.97	21.96	21.93	21.76	23	0
20	16QAM	50	24	21.85	21.97	22.02	21.99	21.70		
20	16QAM	50	50	21.84	21.92	22.01	21.93	21.70		
20	16QAM	100	0	21.86	21.98	22.03	21.91	21.73		
20	64QAM	1	0	21.86	21.94	21.96	21.96	21.77	23	0
20	64QAM	1	49	21.75	21.92	21.97	21.98	21.69		
20	64QAM	1	99	21.85	21.92	22.02	21.91	21.71		
20	64QAM	50	0	20.82	20.94	20.94	20.98	20.74	22	1
20	64QAM	50	24	20.87	20.95	20.96	20.94	20.70		
20	64QAM	50	50	20.88	20.95	21.03	20.93	20.74		
20	64QAM	100	0	20.83	21.02	21.03	20.93	20.69		
20	256QAM	1	0	18.88	18.93	18.91	18.89	18.78	20	3
20	256QAM	1	49	18.78	18.95	18.99	18.95	18.68		
15	256QAM	1	37	18.63	18.90	18.90	18.82	18.64	20	3
15	256QAM	1	74	18.74	18.88	18.91	18.80	18.59		
15	256QAM	36	0	18.79	18.90	18.87	18.88	18.62	20	3
15	256QAM	36	20	18.77	18.95	18.81	18.88	18.56		
15	256QAM	36	39	18.75	18.86	18.85	18.92	18.71		
15	256QAM	75	0	18.82	18.88	18.95	18.84	18.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.75	21.85	22.04	21.84	21.69	23.00	0
10	QPSK	1	25	21.71	21.75	21.91	21.81	21.60		
10	QPSK	1	49	21.75	21.88	21.85	21.82	21.68		
10	QPSK	25	0	21.66	21.91	21.88	21.83	21.53	23	0
10	QPSK	25	12	21.75	21.83	21.96	21.82	21.70		
10	QPSK	25	25	21.69	21.85	21.87	21.78	21.67		
10	QPSK	50	0	21.69	21.85	21.82	21.73	21.71		
10	16QAM	1	0	21.75	21.80	21.89	21.83	21.63	23	0
10	16QAM	1	25	21.73	21.76	21.83	21.78	21.68		
10	16QAM	1	49	21.63	21.89	21.90	21.79	21.66		
10	16QAM	25	0	21.72	21.82	21.84	21.83	21.65	23	0
10	16QAM	25	12	21.76	21.93	21.87	21.87	21.56		
10	16QAM	25	25	21.75	21.87	21.90	21.83	21.66		
10	16QAM	50	0	21.79	21.90	21.96	21.87	21.69		
10	64QAM	1	0	21.82	21.79	21.85	21.82	21.72	23	0
10	64QAM	1	25	21.64	21.82	21.85	21.84	21.63		
10	64QAM	1	49	21.80	21.85	21.89	21.78	21.56		
10	64QAM	25	0	20.75	20.79	20.89	20.92	20.67	22	1
10	64QAM	25	12	20.83	20.83	20.89	20.86	20.64		
10	64QAM	25	25	20.82	20.89	20.87	20.88	20.63		
10	64QAM	50	0	20.72	20.88	20.96	20.88	20.54		
10	256QAM	1	0	18.73	18.80	18.86	18.75	18.64	20	3
10	256QAM	1	25	18.67	18.88	18.88	18.85	18.62		
10	256QAM	1	49	18.68	18.85	18.93	18.75	18.55		
10	256QAM	25	0	18.70	18.88	18.90	18.90	18.61	20	3
10	256QAM	25	12	18.78	18.89	18.88	18.89	18.65		
10	256QAM	25	25	18.75	18.86	18.79	18.92	18.70		
10	256QAM	50	0	18.73	18.91	18.89	18.83	18.59		
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	21.74	21.83	22.06	21.91	21.60	23.00	0
5	QPSK	1	12	21.73	21.80	21.95	21.82	21.59		
5	QPSK	1	24	21.66	21.87	21.87	21.85	21.68		
5	QPSK	12	0	21.69	21.85	21.93	21.79	21.61	23	0
5	QPSK	12	7	21.73	21.85	21.94	21.76	21.65		
5	QPSK	12	13	21.71	21.87	21.91	21.81	21.67		
5	QPSK	25	0	21.64	21.87	21.80	21.81	21.63		
5	16QAM	1	0	21.70	21.78	21.89	21.76	21.58	23	0
5	16QAM	1	12	21.69	21.80	21.80	21.78	21.73		
5	16QAM	1	24	21.70	21.87	21.83	21.75	21.67		
5	16QAM	12	0	21.68	21.88	21.87	21.87	21.69	23	0
5	16QAM	12	7	21.76	21.81	21.92	21.84	21.56		
5	16QAM	12	13	21.79	21.79	21.91	21.78	21.61		
5	16QAM	25	0	21.73	21.92	21.91	21.82	21.68		
5	64QAM	1	0	21.74	21.86	21.89	21.92	21.66	23	0
5	64QAM	1	12	21.60	21.86	21.89	21.88	21.54		
5	64QAM	1	24	21.81	21.86	21.90	21.81	21.63		
5	64QAM	12	0	20.75	20.83	20.78	20.89	20.69	22	1
5	64QAM	12	7	20.82	20.84	20.85	20.83	20.60		
5	64QAM	12	13	20.78	20.85	20.94	20.80	20.66		
5	64QAM	25	0	20.73	20.96	20.99	20.86	20.59		
5	256QAM	1	0	18.75	18.83	18.77	18.80	18.69	20	3
5	256QAM	1	12	18.73	18.89	18.84	18.87	18.56		
5	256QAM	1	24	18.69	18.87	18.92	18.83	18.54		
5	256QAM	12	0	18.79	18.90	18.81	18.85	18.64	20	3
5	256QAM	12	7	18.70	18.94	18.88	18.84	18.55		
5	256QAM	12	13	18.70	18.91	18.80	18.89	18.65		
5	256QAM	25	0	18.78	18.88	18.94	18.88	18.64		

Band 2 Ant 2 DSI6&7

BW [MHz]	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	23.76	23.86	23.79	25	0
20	QPSK	1	49	23.54	23.69	23.56		
20	QPSK	1	99	23.73	23.58	23.74		
20	QPSK	50	0	22.74	22.85	22.75	24	1
20	QPSK	50	24	22.50	22.49	22.77		
20	QPSK	50	50	22.79	22.47	22.75		
20	QPSK	100	0	22.64	22.75	22.73		
20	16QAM	1	0	22.73	22.65	22.64	24	1
20	16QAM	1	49	22.62	22.53	22.60		
20	16QAM	1	99	22.70	22.77	22.62		
20	16QAM	50	0	21.77	21.59	21.68	23	2
20	16QAM	50	24	21.81	21.51	21.67		
20	16QAM	50	50	21.71	21.67	21.79		
20	16QAM	100	0	21.72	21.53	21.58		
20	64QAM	1	0	21.76	21.70	21.73	23	2
20	64QAM	1	49	21.62	21.61	21.62		
20	64QAM	1	99	21.59	21.57	21.77		
20	64QAM	50	0	20.78	20.74	20.90	22	3
20	64QAM	50	24	20.91	20.81	20.71		
20	64QAM	50	50	20.84	20.53	20.84		
20	64QAM	100	0	20.92	20.89	20.82		
20	256QAM	1	0	18.62	18.53	18.57	20	5
20	256QAM	1	49	18.77	18.59	18.51		
15	256QAM	1	37	18.59	18.46	18.28	20	5
15	256QAM	1	74	18.19	18.42	18.56		
15	256QAM	36	0	18.34	18.28	18.49	20	5
15	256QAM	36	20	18.49	18.54	18.57		
15	256QAM	36	39	18.56	18.47	18.33		
15	256QAM	75	0	18.49	18.45	18.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.65	23.77	23.61	25	0
10	QPSK	1	25	23.32	23.56	23.48		
10	QPSK	1	49	23.67	23.48	23.56		
10	QPSK	25	0	22.63	22.71	22.65	24	1
10	QPSK	25	12	22.32	22.36	22.57		
10	QPSK	25	25	22.62	22.42	22.53		
10	QPSK	50	0	22.58	22.53	22.59		
10	16QAM	1	0	22.59	22.51	22.43	24	1
10	16QAM	1	25	22.42	22.44	22.53		
10	16QAM	1	49	22.56	22.62	22.56		
10	16QAM	25	0	21.62	21.37	21.53	23	2
10	16QAM	25	12	21.61	21.35	21.46		
10	16QAM	25	25	21.55	21.53	21.71		
10	16QAM	50	0	21.57	21.38	21.52		
10	64QAM	1	0	21.57	21.55	21.65	23	2
10	64QAM	1	25	21.44	21.42	21.46		
10	64QAM	1	49	21.44	21.51	21.70		
10	64QAM	25	0	20.61	20.55	20.76	22	3
10	64QAM	25	12	20.82	20.68	20.56		
10	64QAM	25	25	20.66	20.38	20.68		
10	64QAM	50	0	20.72	20.72	20.61		
10	256QAM	1	0	18.51	18.41	18.42	20	5
10	256QAM	1	25	18.58	18.39	18.35		
10	256QAM	1	49	18.21	18.46	18.49		
10	256QAM	25	0	18.34	18.34	18.42	20	5
10	256QAM	25	12	18.49	18.46	18.61		
10	256QAM	25	25	18.49	18.54	18.35		
10	256QAM	50	0	18.46	18.41	18.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.67	23.71	23.64	25	0
5	QPSK	1	12	23.38	23.60	23.44		
5	QPSK	1	24	23.59	23.46	23.50		
5	QPSK	12	0	22.55	22.62	22.70	24	1
5	QPSK	12	7	22.30	22.41	22.58		
5	QPSK	12	13	22.61	22.40	22.54		
5	QPSK	25	0	22.58	22.54	22.58		
5	16QAM	1	0	22.63	22.49	22.50	24	1
5	16QAM	1	12	22.46	22.38	22.53		
5	16QAM	1	24	22.61	22.54	22.50		
5	16QAM	12	0	21.67	21.40	21.58	23	2
5	16QAM	12	7	21.60	21.36	21.51		
5	16QAM	12	13	21.60	21.47	21.67		
5	16QAM	25	0	21.60	21.33	21.43		
5	64QAM	1	0	21.60	21.50	21.68	23	2
5	64QAM	1	12	21.47	21.40	21.46		
5	64QAM	1	24	21.44	21.49	21.62		
5	64QAM	12	0	20.61	20.61	20.75	22	3
5	64QAM	12	7	20.80	20.63	20.56		
5	64QAM	12	13	20.68	20.44	20.61		
5	64QAM	25	0	20.80	20.74	20.56		
5	256QAM	1	0	18.51	18.30	18.40	20	5
5	256QAM	1	12	18.62	18.44	18.27		
5	256QAM	1	24	18.30	18.39	18.56		
5	256QAM	12	0	18.40	18.27	18.49	20	5
5	256QAM	12	7	18.56	18.51	18.56		
5	256QAM	12	13	18.50	18.49	18.31		
5	256QAM	25	0	18.51	18.39	18.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.69	23.71	23.64	25	0
3	QPSK	1	8	23.41	23.58	23.42		
3	QPSK	1	14	23.63	23.43	23.53		
3	QPSK	8	0	22.64	22.63	22.67	24	1
3	QPSK	8	4	22.42	22.36	22.60		
3	QPSK	8	7	22.67	22.33	22.51		
3	QPSK	15	0	22.58	22.53	22.60		
3	16QAM	1	0	22.54	22.52	22.52	24	1
3	16QAM	1	8	22.48	22.40	22.55		
3	16QAM	1	14	22.51	22.62	22.51		
3	16QAM	8	0	21.65	21.40	21.54	23	2
3	16QAM	8	4	21.56	21.42	21.44		
3	16QAM	8	7	21.58	21.50	21.68		
3	16QAM	15	0	21.61	21.29	21.47		
3	64QAM	1	0	21.52	21.52	21.64	23	2
3	64QAM	1	8	21.45	21.43	21.51		
3	64QAM	1	14	21.54	21.46	21.61		
3	64QAM	8	0	20.59	20.59	20.82	22	3
3	64QAM	8	4	20.82	20.65	20.58		
3	64QAM	8	7	20.71	20.41	20.70		
3	64QAM	15	0	20.82	20.68	20.58		
3	256QAM	1	0	18.51	18.40	18.41	20	5
3	256QAM	1	8	18.53	18.42	18.32		
3	256QAM	1	14	18.26	18.40	18.48		
3	256QAM	8	0	18.41	18.30	18.47	20	5
3	256QAM	8	4	18.56	18.54	18.59		
3	256QAM	8	7	18.48	18.55	18.33		
3	256QAM	15	0	18.42	18.38	18.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.70	23.77	23.64	25	0
1.4	QPSK	1	3	23.41	23.59	23.46		
1.4	QPSK	1	5	23.68	23.44	23.58		
1.4	QPSK	3	0	22.66	22.70	22.65	24	1
1.4	QPSK	3	1	22.42	22.36	22.55		
1.4	QPSK	3	3	22.69	22.37	22.52		
1.4	QPSK	6	0	22.57	22.57	22.54		
1.4	16QAM	1	0	22.58	22.51	22.45	24	1
1.4	16QAM	1	3	22.43	22.43	22.44		
1.4	16QAM	1	5	22.59	22.59	22.55		
1.4	16QAM	3	0	21.68	21.46	21.52	23	2
1.4	16QAM	3	1	21.60	21.35	21.46		
1.4	16QAM	3	3	21.55	21.52	21.69		
1.4	16QAM	6	0	21.56	21.37	21.48		
1.4	64QAM	1	0	21.58	21.52	21.66	23	2
1.4	64QAM	1	3	21.45	21.38	21.56		
1.4	64QAM	1	5	21.46	21.43	21.71		
1.4	64QAM	3	0	20.58	20.61	20.80	22	3
1.4	64QAM	3	1	20.76	20.67	20.53		
1.4	64QAM	3	3	20.70	20.43	20.64		
1.4	64QAM	6	0	20.78	20.72	20.63		
1.4	256QAM	1	0	18.52	18.32	18.43	20	5
1.4	256QAM	1	3	18.57	18.42	18.32		
1.4	256QAM	1	5	18.30	18.42	18.53		
1.4	256QAM	3	0	18.33	18.34	18.41	20	5
1.4	256QAM	3	1	18.52	18.48	18.58		
1.4	256QAM	3	3	18.51	18.54	18.32		
1.4	256QAM	6	0	18.46	18.42	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.19	24.31	24.30	25	0
20	QPSK	1	49	23.97	24.17	24.02		
20	QPSK	1	99	24.12	24.07	24.04		
20	QPSK	50	0	23.28	23.30	23.20	24	1
20	QPSK	50	24	23.04	23.05	23.18		
20	QPSK	50	50	23.19	23.06	23.16		
20	QPSK	100	0	23.16	23.22	23.12		
20	16QAM	1	0	23.22	23.08	23.12	24	1
20	16QAM	1	49	23.08	23.06	23.11		
20	16QAM	1	99	23.06	23.23	23.03		
20	16QAM	50	0	22.24	22.09	22.18	23	2
20	16QAM	50	24	22.28	22.10	22.07		
20	16QAM	50	50	22.19	22.16	22.29		
20	16QAM	100	0	22.18	21.98	22.03		
20	64QAM	1	0	22.25	22.18	22.20	23	2
20	64QAM	1	49	22.02	22.05	22.13		
20	64QAM	1	99	22.02	22.14	22.23		
20	64QAM	50	0	21.17	21.17	21.38	22	3
20	64QAM	50	24	21.35	21.24	21.23		
20	64QAM	50	50	21.25	21.01	21.18		
20	64QAM	100	0	21.38	21.26	21.26		
20	256QAM	1	0	19.21	18.86	19.02	20	5
20	256QAM	1	49	19.14	19.01	18.92		
15	256QAM	1	37	19.09	18.91	18.88	20	5
15	256QAM	1	74	18.84	18.98	19.09		
15	256QAM	36	0	18.85	18.75	19.05	20	5
15	256QAM	36	20	18.95	18.92	19.16		
15	256QAM	36	39	18.96	19.07	18.85		
15	256QAM	75	0	18.97	18.85	19.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.11	24.22	24.21	25	0
10	QPSK	1	25	23.87	24.07	23.90		
10	QPSK	1	49	24.02	24.00	23.93		
10	QPSK	25	0	23.21	23.18	23.15	24	1
10	QPSK	25	12	22.99	22.93	23.09		
10	QPSK	25	25	23.13	22.97	23.10		
10	QPSK	50	0	23.08	23.11	23.06		
10	16QAM	1	0	23.14	22.99	23.06	24	1
10	16QAM	1	25	23.01	23.01	22.99		
10	16QAM	1	49	22.97	23.10	22.91		
10	16QAM	25	0	22.12	22.05	22.11	23	2
10	16QAM	25	12	22.20	22.00	21.94		
10	16QAM	25	25	22.12	22.04	22.23		
10	16QAM	50	0	22.08	21.91	21.94		
10	64QAM	1	0	22.21	22.14	22.10	23	2
10	64QAM	1	25	21.90	21.99	22.05		
10	64QAM	1	49	21.92	22.07	22.12		
10	64QAM	25	0	21.13	21.06	21.27	22	3
10	64QAM	25	12	21.23	21.14	21.17		
10	64QAM	25	25	21.16	20.88	21.14		
10	64QAM	50	0	21.26	21.15	21.20		
10	256QAM	1	0	19.16	18.82	18.89	20	5
10	256QAM	1	25	19.07	18.93	18.88		
10	256QAM	1	49	18.78	19.07	19.06		
10	256QAM	25	0	18.93	18.78	19.01	20	5
10	256QAM	25	12	19.02	18.93	19.14		
10	256QAM	25	25	18.97	19.12	18.85		
10	256QAM	50	0	18.92	18.84	19.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.10	24.30	24.24	25	0
5	QPSK	1	12	23.85	24.14	23.90		
5	QPSK	1	24	24.01	23.99	23.93		
5	QPSK	12	0	23.23	23.23	23.08	24	1
5	QPSK	12	7	22.95	22.96	23.11		
5	QPSK	12	13	23.08	22.98	23.06		
5	QPSK	25	0	23.10	23.12	23.06		
5	16QAM	1	0	23.18	23.04	23.05	24	1
5	16QAM	1	12	22.97	23.02	23.06		
5	16QAM	1	24	23.02	23.11	22.95		
5	16QAM	12	0	22.14	22.05	22.11	23	2
5	16QAM	12	7	22.15	21.97	22.00		
5	16QAM	12	13	22.07	22.09	22.18		
5	16QAM	25	0	22.08	21.87	21.95		
5	64QAM	1	0	22.15	22.11	22.09	23	2
5	64QAM	1	12	21.90	22.01	22.00		
5	64QAM	1	24	21.92	22.02	22.11		
5	64QAM	12	0	21.09	21.10	21.27	22	3
5	64QAM	12	7	21.25	21.18	21.18		
5	64QAM	12	13	21.18	20.93	21.06		
5	64QAM	25	0	21.25	21.14	21.23		
5	256QAM	1	0	19.10	18.78	18.97	20	5
5	256QAM	1	12	19.06	18.90	18.80		
5	256QAM	1	24	18.84	19.05	19.08		
5	256QAM	12	0	18.93	18.72	19.00	20	5
5	256QAM	12	7	18.97	18.96	19.07		
5	256QAM	12	13	18.93	19.08	18.79		
5	256QAM	25	0	18.94	18.93	19.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.06	24.25	24.19	25	0
3	QPSK	1	8	23.85	24.09	23.97		
3	QPSK	1	14	24.04	23.95	23.95		
3	QPSK	8	0	23.17	23.26	23.14	24	1
3	QPSK	8	4	22.94	22.95	23.13		
3	QPSK	8	7	23.12	22.96	23.08		
3	QPSK	15	0	23.05	23.15	23.02		
3	16QAM	1	0	23.18	23.03	23.05	24	1
3	16QAM	1	8	23.04	22.96	22.98		
3	16QAM	1	14	23.03	23.18	22.90		
3	16QAM	8	0	22.21	21.97	22.12	23	2
3	16QAM	8	4	22.23	22.01	21.98		
3	16QAM	8	7	22.11	22.08	22.25		
3	16QAM	15	0	22.14	21.87	21.92		
3	64QAM	1	0	22.21	22.08	22.14	23	2
3	64QAM	1	8	21.94	21.93	22.10		
3	64QAM	1	14	21.89	22.03	22.16		
3	64QAM	8	0	21.09	21.10	21.30	22	3
3	64QAM	8	4	21.26	21.11	21.20		
3	64QAM	8	7	21.16	20.89	21.13		
3	64QAM	15	0	21.34	21.16	21.13		
3	256QAM	1	0	19.16	18.81	18.95	20	5
3	256QAM	1	8	19.08	18.98	18.89		
3	256QAM	1	14	18.78	18.99	19.12		
3	256QAM	8	0	18.88	18.82	19.05	20	5
3	256QAM	8	4	18.96	18.95	19.14		
3	256QAM	8	7	18.98	19.06	18.81		
3	256QAM	15	0	18.93	18.93	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.22	24.21	25	0
1.4	QPSK	1	3	23.92	24.07	23.92		
1.4	QPSK	1	5	24.02	24.04	23.98		
1.4	QPSK	3	0	23.21	23.21	23.13	24	1
1.4	QPSK	3	1	22.99	22.95	23.12		
1.4	QPSK	3	3	23.15	22.95	23.08		
1.4	QPSK	6	0	23.04	23.15	23.01		
1.4	16QAM	1	0	23.19	23.02	23.02	24	1
1.4	16QAM	1	3	22.96	23.03	23.08		
1.4	16QAM	1	5	22.97	23.14	22.96		
1.4	16QAM	3	0	22.20	22.00	22.14	23	2
1.4	16QAM	3	1	22.18	22.04	22.01		
1.4	16QAM	3	3	22.09	22.06	22.25		
1.4	16QAM	6	0	22.13	21.95	21.97		
1.4	64QAM	1	0	22.16	22.13	22.08	23	2
1.4	64QAM	1	3	21.93	21.92	22.08		
1.4	64QAM	1	5	21.93	22.04	22.18		
1.4	64QAM	3	0	21.08	21.12	21.33	22	3
1.4	64QAM	3	1	21.29	21.18	21.13		
1.4	64QAM	3	3	21.19	20.90	21.12		
1.4	64QAM	6	0	21.27	21.20	21.22		
1.4	256QAM	1	0	19.08	18.76	18.96	20	5
1.4	256QAM	1	3	19.05	18.98	18.80		
1.4	256QAM	1	5	18.82	19.03	19.08		
1.4	256QAM	3	0	18.86	18.76	18.98	20	5
1.4	256QAM	3	1	18.94	18.87	19.15		
1.4	256QAM	3	3	18.96	19.14	18.83		
1.4	256QAM	6	0	18.98	18.87	19.18		

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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	20.75	20.96	20.91	22	0
20	QPSK	1	49	20.84	20.93	20.85		
20	QPSK	1	99	20.75	20.87	20.80		
20	QPSK	50	0	20.75	20.87	20.83	22	0
20	QPSK	50	24	20.79	20.84	20.80		
20	QPSK	50	50	20.82	20.82	20.82		
20	QPSK	100	0	20.86	20.89	20.82		
20	16QAM	1	0	20.77	20.84	20.84	22	0
20	16QAM	1	49	20.81	20.89	20.75		
20	16QAM	1	99	20.83	20.81	20.77		
20	16QAM	50	0	20.85	20.82	20.86	22	0
20	16QAM	50	24	20.81	20.88	20.83		
20	16QAM	50	50	20.78	20.87	20.80		
20	16QAM	100	0	20.79	20.90	20.86		
20	64QAM	1	0	20.82	20.92	20.76	22	0
20	64QAM	1	49	20.85	20.87	20.86		
20	64QAM	1	99	20.79	20.91	20.78		
20	64QAM	50	0	20.80	20.83	20.78	22	0
20	64QAM	50	24	20.85	20.82	20.79		
20	64QAM	50	50	20.81	20.91	20.82		
20	64QAM	100	0	20.74	20.92	20.85		
20	256QAM	1	0	18.76	18.89	18.80	20	2
20	256QAM	1	49	18.75	18.82	18.83		
15	256QAM	1	37	18.65	18.76	18.75	20	2
15	256QAM	1	74	18.71	18.73	18.77		
15	256QAM	36	0	18.70	18.86	18.65	20	2
15	256QAM	36	20	18.71	18.75	18.75		
15	256QAM	36	39	18.75	18.77	18.76		
15	256QAM	75	0	18.74	18.83	18.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.67	20.85	20.75	22	0
10	QPSK	1	25	20.70	20.85	20.71		
10	QPSK	1	49	20.63	20.73	20.65		
10	QPSK	25	0	20.62	20.75	20.69	22	0
10	QPSK	25	12	20.74	20.80	20.73		
10	QPSK	25	25	20.69	20.66	20.66		
10	QPSK	50	0	20.75	20.74	20.66		
10	16QAM	1	0	20.72	20.79	20.70	22	0
10	16QAM	1	25	20.72	20.75	20.69		
10	16QAM	1	49	20.70	20.69	20.66		
10	16QAM	25	0	20.75	20.74	20.81	22	0
10	16QAM	25	12	20.68	20.74	20.78		
10	16QAM	25	25	20.71	20.77	20.75		
10	16QAM	50	0	20.70	20.83	20.74		
10	64QAM	1	0	20.77	20.81	20.64	22	0
10	64QAM	1	25	20.69	20.76	20.71		
10	64QAM	1	49	20.71	20.79	20.70		
10	64QAM	25	0	20.70	20.73	20.71	22	0
10	64QAM	25	12	20.71	20.68	20.70		
10	64QAM	25	25	20.68	20.76	20.70		
10	64QAM	50	0	20.60	20.84	20.80		
10	256QAM	1	0	18.61	18.74	18.74	20	2
10	256QAM	1	25	18.70	18.75	18.71		
10	256QAM	1	49	18.76	18.78	18.82		
10	256QAM	25	0	18.71	18.80	18.62	20	2
10	256QAM	25	12	18.77	18.84	18.74		
10	256QAM	25	25	18.76	18.68	18.69		
10	256QAM	50	0	18.75	18.81	18.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.65	20.86	20.67	22	0
5	QPSK	1	12	20.77	20.83	20.81		
5	QPSK	1	24	20.62	20.72	20.71		
5	QPSK	12	0	20.67	20.79	20.78	22	0
5	QPSK	12	7	20.72	20.79	20.68		
5	QPSK	12	13	20.72	20.68	20.78		
5	QPSK	25	0	20.72	20.83	20.69		
5	16QAM	1	0	20.72	20.72	20.69	22	0
5	16QAM	1	12	20.74	20.84	20.61		
5	16QAM	1	24	20.74	20.71	20.63		
5	16QAM	12	0	20.71	20.67	20.78	22	0
5	16QAM	12	7	20.70	20.79	20.77		
5	16QAM	12	13	20.71	20.77	20.74		
5	16QAM	25	0	20.68	20.81	20.72		
5	64QAM	1	0	20.72	20.87	20.61	22	0
5	64QAM	1	12	20.79	20.73	20.71		
5	64QAM	1	24	20.64	20.85	20.64		
5	64QAM	12	0	20.71	20.78	20.74	22	0
5	64QAM	12	7	20.70	20.76	20.63		
5	64QAM	12	13	20.69	20.83	20.69		
5	64QAM	25	0	20.58	20.84	20.74		
5	256QAM	1	0	18.67	18.76	18.75	20	2
5	256QAM	1	12	18.60	18.77	18.71		
5	256QAM	1	24	18.72	18.83	18.75		
5	256QAM	12	0	18.79	18.78	18.66	20	2
5	256QAM	12	7	18.69	18.75	18.80		
5	256QAM	12	13	18.75	18.76	18.72		
5	256QAM	25	0	18.78	18.75	18.73		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.98	24.03	23.95	25	0
20	QPSK	1	49	23.68	23.82	23.76		
20	QPSK	1	99	23.88	23.78	23.74		
20	QPSK	50	0	22.94	23.02	22.93	24	1
20	QPSK	50	24	22.72	22.74	22.90		
20	QPSK	50	50	22.96	22.74	22.85		
20	QPSK	100	0	22.84	22.92	22.89		
20	16QAM	1	0	22.95	22.79	22.79	24	1
20	16QAM	1	49	22.82	22.86	22.90		
20	16QAM	1	99	22.86	22.90	22.79		
20	16QAM	50	0	21.95	21.75	22.00	23	2
20	16QAM	50	24	21.93	21.78	21.82		
20	16QAM	50	50	21.88	21.79	21.97		
20	16QAM	100	0	21.90	21.73	21.70		
20	64QAM	1	0	21.99	21.81	21.93	23	2
20	64QAM	1	49	21.77	21.77	21.81		
20	64QAM	1	99	21.82	21.79	21.95		
20	64QAM	50	0	20.90	20.90	21.06	22	3
20	64QAM	50	24	21.11	21.02	20.87		
20	64QAM	50	50	20.91	20.74	20.88		
20	64QAM	100	0	21.03	20.94	20.90		
20	256QAM	1	0	18.84	18.58	18.65	20	5
20	256QAM	1	49	18.81	18.75	18.60		
15	256QAM	1	37	18.74	18.69	18.49	20	5
15	256QAM	1	74	18.40	18.74	18.79		
15	256QAM	36	0	18.60	18.58	18.78	20	5
15	256QAM	36	20	18.81	18.60	18.77		
15	256QAM	36	39	18.78	18.88	18.61		
15	256QAM	75	0	18.71	18.60	18.87		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.90	23.93	23.86	25	0
10	QPSK	1	25	23.56	23.78	23.64		
10	QPSK	1	49	23.81	23.70	23.69		
10	QPSK	25	0	22.90	22.96	22.82	24	1
10	QPSK	25	12	22.67	22.68	22.78		
10	QPSK	25	25	22.83	22.61	22.75		
10	QPSK	50	0	22.72	22.81	22.78		
10	16QAM	1	0	22.86	22.67	22.66	24	1
10	16QAM	1	25	22.73	22.81	22.82		
10	16QAM	1	49	22.82	22.78	22.76		
10	16QAM	25	0	21.88	21.70	21.88	23	2
10	16QAM	25	12	21.89	21.72	21.76		
10	16QAM	25	25	21.80	21.71	21.86		
10	16QAM	50	0	21.84	21.65	21.60		
10	64QAM	1	0	21.94	21.73	21.88	23	2
10	64QAM	1	25	21.65	21.65	21.69		
10	64QAM	1	49	21.74	21.76	21.88		
10	64QAM	25	0	20.78	20.86	20.97	22	3
10	64QAM	25	12	21.08	20.92	20.81		
10	64QAM	25	25	20.84	20.68	20.80		
10	64QAM	50	0	20.97	20.83	20.86		
10	256QAM	1	0	18.80	18.50	18.60	20	5
10	256QAM	1	25	18.73	18.69	18.47		
10	256QAM	1	49	18.40	18.75	18.79		
10	256QAM	25	0	18.58	18.58	18.73	20	5
10	256QAM	25	12	18.81	18.64	18.79		
10	256QAM	25	25	18.75	18.85	18.66		
10	256QAM	50	0	18.63	18.61	18.85		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.86	23.93	23.84	25	0
5	QPSK	1	12	23.65	23.78	23.66		
5	QPSK	1	24	23.75	23.72	23.68		
5	QPSK	12	0	22.85	22.91	22.84	24	1
5	QPSK	12	7	22.65	22.70	22.77		
5	QPSK	12	13	22.83	22.69	22.77		
5	QPSK	25	0	22.80	22.88	22.85		
5	16QAM	1	0	22.88	22.70	22.69	24	1
5	16QAM	1	12	22.70	22.78	22.77		
5	16QAM	1	24	22.76	22.78	22.69		
5	16QAM	12	0	21.85	21.71	21.93	23	2
5	16QAM	12	7	21.86	21.72	21.73		
5	16QAM	12	13	21.79	21.70	21.92		
5	16QAM	25	0	21.78	21.60	21.66		
5	64QAM	1	0	21.93	21.75	21.87	23	2
5	64QAM	1	12	21.73	21.69	21.68		
5	64QAM	1	24	21.77	21.73	21.87		
5	64QAM	12	0	20.78	20.86	21.01	22	3
5	64QAM	12	7	21.07	20.91	20.80		
5	64QAM	12	13	20.82	20.69	20.77		
5	64QAM	25	0	20.99	20.86	20.79		
5	256QAM	1	0	18.72	18.52	18.56	20	5
5	256QAM	1	12	18.78	18.71	18.56		
5	256QAM	1	24	18.42	18.80	18.75		
5	256QAM	12	0	18.58	18.55	18.73	20	5
5	256QAM	12	7	18.78	18.61	18.74		
5	256QAM	12	13	18.78	18.88	18.61		
5	256QAM	25	0	18.71	18.60	18.86		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.86	23.93	23.85	25	0
3	QPSK	1	8	23.63	23.73	23.65		
3	QPSK	1	14	23.81	23.66	23.67		
3	QPSK	8	0	22.85	22.99	22.87	24	1
3	QPSK	8	4	22.59	22.62	22.80		
3	QPSK	8	7	22.89	22.68	22.76		
3	QPSK	15	0	22.73	22.86	22.85		
3	16QAM	1	0	22.82	22.73	22.67	24	1
3	16QAM	1	8	22.71	22.79	22.80		
3	16QAM	1	14	22.81	22.84	22.72		
3	16QAM	8	0	21.85	21.65	21.91	23	2
3	16QAM	8	4	21.81	21.70	21.71		
3	16QAM	8	7	21.80	21.74	21.92		
3	16QAM	15	0	21.87	21.64	21.58		
3	64QAM	1	0	21.92	21.71	21.82	23	2
3	64QAM	1	8	21.69	21.72	21.77		
3	64QAM	1	14	21.77	21.76	21.90		
3	64QAM	8	0	20.79	20.84	20.98	22	3
3	64QAM	8	4	21.04	20.99	20.78		
3	64QAM	8	7	20.80	20.65	20.79		
3	64QAM	15	0	20.98	20.88	20.84		
3	256QAM	1	0	18.71	18.46	18.54	20	5
3	256QAM	1	8	18.69	18.63	18.51		
3	256QAM	1	14	18.48	18.73	18.76		
3	256QAM	8	0	18.57	18.51	18.76	20	5
3	256QAM	8	4	18.79	18.65	18.78		
3	256QAM	8	7	18.79	18.80	18.61		
3	256QAM	15	0	18.65	18.60	18.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.93	23.90	23.88	25	0
1.4	QPSK	1	3	23.64	23.78	23.73		
1.4	QPSK	1	5	23.82	23.66	23.65		
1.4	QPSK	3	0	22.86	22.96	22.89	24	1
1.4	QPSK	3	1	22.64	22.70	22.82		
1.4	QPSK	3	3	22.88	22.63	22.79		
1.4	QPSK	6	0	22.75	22.85	22.82		
1.4	16QAM	1	0	22.92	22.69	22.67	24	1
1.4	16QAM	1	3	22.76	22.81	22.84		
1.4	16QAM	1	5	22.75	22.84	22.69		
1.4	16QAM	3	0	21.91	21.68	21.96	23	2
1.4	16QAM	3	1	21.84	21.71	21.70		
1.4	16QAM	3	3	21.81	21.75	21.93		
1.4	16QAM	6	0	21.84	21.69	21.60		
1.4	64QAM	1	0	21.86	21.70	21.84	23	2
1.4	64QAM	1	3	21.64	21.70	21.72		
1.4	64QAM	1	5	21.77	21.73	21.89		
1.4	64QAM	3	0	20.81	20.84	21.01	22	3
1.4	64QAM	3	1	21.00	20.94	20.83		
1.4	64QAM	3	3	20.78	20.65	20.75		
1.4	64QAM	6	0	20.93	20.82	20.86		
1.4	256QAM	1	0	18.73	18.50	18.53	20	5
1.4	256QAM	1	3	18.77	18.68	18.53		
1.4	256QAM	1	5	18.41	18.74	18.80		
1.4	256QAM	3	0	18.61	18.55	18.78	20	5
1.4	256QAM	3	1	18.80	18.64	18.73		
1.4	256QAM	3	3	18.77	18.86	18.62		
1.4	256QAM	6	0	18.68	18.58	18.89		

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.17		23	1
10	QPSK	25	12		22.06			
10	QPSK	25	25		22.11			
10	QPSK	50	0		22.15			
10	16QAM	1	0		22.30		23	1
10	16QAM	1	25		22.03			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.17		22	2
10	16QAM	25	12		21.03			
10	16QAM	25	25		20.98			
10	16QAM	50	0		21.09			
10	64QAM	1	0		21.26		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.16			
10	64QAM	25	0		20.15		21	3
10	64QAM	25	12		20.04			
10	64QAM	25	25		19.98			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.30		19	5
10	256QAM	1	25		18.15			
5	256QAM	1	12	18.05	18.03	18.10	19	5
5	256QAM	1	24	18.12	18.20	18.14		
5	256QAM	12	0	18.12	18.04	18.09	19	5
5	256QAM	12	7	18.01	18.01	18.03		
5	256QAM	12	13	18.23	18.22	18.21		
5	256QAM	25	0	18.11	18.09	18.05		

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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	24.23	24.33	24.31	25	0
20	QPSK	1	49	24.01	24.22	24.12		
20	QPSK	1	99	24.22	24.00	24.14		
20	QPSK	50	0	23.22	23.28	23.26	24	1
20	QPSK	50	24	23.01	23.02	23.19		
20	QPSK	50	50	23.25	23.06	23.17		
20	QPSK	100	0	23.20	23.26	23.18		
20	16QAM	1	0	23.26	23.18	23.12	24	1
20	16QAM	1	49	23.09	23.07	23.19		
20	16QAM	1	99	23.13	23.26	23.11		
20	16QAM	50	0	22.28	22.10	22.25	23	2
20	16QAM	50	24	22.27	22.04	22.08		
20	16QAM	50	50	22.16	22.20	22.21		
20	16QAM	100	0	22.19	22.02	22.13		
20	64QAM	1	0	22.29	22.19	22.27	23	2
20	64QAM	1	49	22.07	22.07	22.22		
20	64QAM	1	99	22.10	22.09	22.26		
20	64QAM	50	0	21.29	21.29	21.32	22	3
20	64QAM	50	24	21.40	21.25	21.19		
20	64QAM	50	50	21.34	21.04	21.23		
20	64QAM	100	0	21.36	21.29	21.24		
20	256QAM	1	0	19.15	18.94	19.07	20	5
20	256QAM	1	49	19.12	19.04	18.87		
15	256QAM	1	37	19.03	18.92	18.79	20	5
15	256QAM	1	74	18.79	18.94	19.01		
15	256QAM	36	0	18.84	18.92	19.04	20	5
15	256QAM	36	20	19.05	18.95	19.16		
15	256QAM	36	39	19.02	19.18	18.90		
15	256QAM	75	0	19.04	19.00	19.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.17	24.23	24.27	25	0
10	QPSK	1	25	23.90	24.15	24.04		
10	QPSK	1	49	24.16	23.88	24.06		
10	QPSK	25	0	23.12	23.21	23.14	24	1
10	QPSK	25	12	22.94	22.97	23.14		
10	QPSK	25	25	23.19	22.97	23.08		
10	QPSK	50	0	23.16	23.17	23.14		
10	16QAM	1	0	23.22	23.12	23.08	24	1
10	16QAM	1	25	23.06	22.97	23.11		
10	16QAM	1	49	23.10	23.16	23.01		
10	16QAM	25	0	22.17	22.00	22.20	23	2
10	16QAM	25	12	22.14	21.97	21.95		
10	16QAM	25	25	22.07	22.14	22.09		
10	16QAM	50	0	22.07	21.89	22.09		
10	64QAM	1	0	22.24	22.08	22.18	23	2
10	64QAM	1	25	21.98	21.99	22.15		
10	64QAM	1	49	22.05	22.03	22.15		
10	64QAM	25	0	21.25	21.23	21.20	22	3
10	64QAM	25	12	21.35	21.21	21.13		
10	64QAM	25	25	21.24	21.00	21.14		
10	64QAM	50	0	21.24	21.26	21.17		
10	256QAM	1	0	19.09	18.86	19.04	20	5
10	256QAM	1	25	19.03	18.98	18.78		
10	256QAM	1	49	18.81	18.96	19.06		
10	256QAM	25	0	18.91	18.94	19.09	20	5
10	256QAM	25	12	19.00	18.97	19.17		
10	256QAM	25	25	18.99	19.16	18.96		
10	256QAM	50	0	19.04	19.02	19.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.16	24.23	24.27	25	0
5	QPSK	1	12	23.92	24.16	24.00		
5	QPSK	1	24	24.14	23.91	24.07		
5	QPSK	12	0	23.17	23.20	23.22	24	1
5	QPSK	12	7	22.97	22.92	23.06		
5	QPSK	12	13	23.16	22.96	23.13		
5	QPSK	25	0	23.13	23.22	23.14		
5	16QAM	1	0	23.14	23.10	23.07	24	1
5	16QAM	1	12	23.01	23.00	23.11		
5	16QAM	1	24	23.04	23.16	23.02		
5	16QAM	12	0	22.20	22.01	22.20	23	2
5	16QAM	12	7	22.15	21.99	22.00		
5	16QAM	12	13	22.09	22.12	22.08		
5	16QAM	25	0	22.10	21.95	22.09		
5	64QAM	1	0	22.24	22.09	22.22	23	2
5	64QAM	1	12	21.94	21.98	22.15		
5	64QAM	1	24	22.02	22.04	22.13		
5	64QAM	12	0	21.19	21.18	21.22	22	3
5	64QAM	12	7	21.36	21.20	21.15		
5	64QAM	12	13	21.27	20.97	21.19		
5	64QAM	25	0	21.25	21.24	21.19		
5	256QAM	1	0	19.03	18.87	18.97	20	5
5	256QAM	1	12	19.08	18.97	18.75		
5	256QAM	1	24	18.76	18.95	19.00		
5	256QAM	12	0	18.92	18.93	19.02	20	5
5	256QAM	12	7	18.99	18.95	19.19		
5	256QAM	12	13	19.01	19.15	18.95		
5	256QAM	25	0	19.06	19.00	19.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.12	24.25	24.21	25	0
3	QPSK	1	8	23.89	24.15	24.04		
3	QPSK	1	14	24.14	23.88	24.09		
3	QPSK	8	0	23.10	23.18	23.15	24	1
3	QPSK	8	4	22.90	22.99	23.09		
3	QPSK	8	7	23.17	22.94	23.12		
3	QPSK	15	0	23.17	23.14	23.07		
3	16QAM	1	0	23.20	23.08	23.07	24	1
3	16QAM	1	8	23.06	22.95	23.12		
3	16QAM	1	14	23.06	23.19	23.01		
3	16QAM	8	0	22.20	22.04	22.19	23	2
3	16QAM	8	4	22.23	21.94	22.05		
3	16QAM	8	7	22.09	22.08	22.13		
3	16QAM	15	0	22.07	21.97	22.00		
3	64QAM	1	0	22.20	22.12	22.17	23	2
3	64QAM	1	8	22.04	21.99	22.17		
3	64QAM	1	14	22.05	21.98	22.22		
3	64QAM	8	0	21.19	21.20	21.26	22	3
3	64QAM	8	4	21.35	21.16	21.11		
3	64QAM	8	7	21.30	20.96	21.11		
3	64QAM	15	0	21.30	21.18	21.16		
3	256QAM	1	0	19.04	18.84	18.98	20	5
3	256QAM	1	8	19.05	19.00	18.81		
3	256QAM	1	14	18.76	19.01	19.05		
3	256QAM	8	0	18.90	18.86	19.09	20	5
3	256QAM	8	4	19.00	19.02	19.18		
3	256QAM	8	7	18.99	19.21	18.91		
3	256QAM	15	0	19.08	19.05	19.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.26	24.20	25	0
1.4	QPSK	1	3	23.95	24.09	23.99		
1.4	QPSK	1	5	24.13	23.90	24.09		
1.4	QPSK	3	0	23.17	23.17	23.14	24	1
1.4	QPSK	3	1	22.97	22.96	23.12		
1.4	QPSK	3	3	23.16	22.93	23.06		
1.4	QPSK	6	0	23.16	23.22	23.14		
1.4	16QAM	1	0	23.22	23.06	23.02	24	1
1.4	16QAM	1	3	23.05	22.94	23.09		
1.4	16QAM	1	5	23.05	23.13	23.05		
1.4	16QAM	3	0	22.20	22.01	22.13	23	2
1.4	16QAM	3	1	22.17	21.96	21.98		
1.4	16QAM	3	3	22.12	22.14	22.09		
1.4	16QAM	6	0	22.15	21.90	22.06		
1.4	64QAM	1	0	22.16	22.09	22.15	23	2
1.4	64QAM	1	3	22.03	21.98	22.11		
1.4	64QAM	1	5	22.00	22.00	22.14		
1.4	64QAM	3	0	21.16	21.25	21.27	22	3
1.4	64QAM	3	1	21.29	21.17	21.14		
1.4	64QAM	3	3	21.29	20.96	21.10		
1.4	64QAM	6	0	21.29	21.23	21.20		
1.4	256QAM	1	0	19.12	18.87	18.96	20	5
1.4	256QAM	1	3	19.07	18.94	18.82		
1.4	256QAM	1	5	18.75	19.03	19.01		
1.4	256QAM	3	0	18.90	18.91	19.01	20	5
1.4	256QAM	3	1	18.99	18.99	19.18		
1.4	256QAM	3	3	19.00	19.19	18.94		
1.4	256QAM	6	0	19.08	19.00	19.21		

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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	22.70	23.02	22.84	24	0
20	QPSK	1	49	22.75	22.89	22.75		
20	QPSK	1	99	22.65	22.82	22.73		
20	QPSK	50	0	22.70	22.97	22.74	24	0
20	QPSK	50	24	22.78	22.84	22.74		
20	QPSK	50	50	22.71	22.95	22.76		
20	QPSK	100	0	22.69	22.93	22.71		
20	16QAM	1	0	22.70	22.90	22.82	24	0
20	16QAM	1	49	22.77	22.93	22.78		
20	16QAM	1	99	22.71	22.83	22.71		
20	16QAM	50	0	21.75	21.87	21.77	23	1
20	16QAM	50	24	21.69	21.98	21.83		
20	16QAM	50	50	21.69	21.87	21.89		
20	16QAM	100	0	21.80	21.97	21.85		
20	64QAM	1	0	21.61	21.96	21.81	23	1
20	64QAM	1	49	21.77	21.99	21.75		
20	64QAM	1	99	21.76	21.99	21.78		
20	64QAM	50	0	20.75	20.82	20.75	22	2
20	64QAM	50	24	20.66	20.94	20.78		
20	64QAM	50	50	20.66	20.89	20.73		
20	64QAM	100	0	20.75	20.87	20.82		
20	256QAM	1	0	18.64	18.95	18.71	20	4
20	256QAM	1	49	18.79	18.89	18.79		
15	256QAM	1	37	18.63	18.78	18.67	20	4
15	256QAM	1	74	18.60	18.85	18.74		
15	256QAM	36	0	18.66	18.80	18.66	20	4
15	256QAM	36	20	18.70	18.85	18.78		
15	256QAM	36	39	18.59	18.76	18.66		
15	256QAM	75	0	18.64	18.85	18.76		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.60	22.93	22.69	24	0
10	QPSK	1	25	22.65	22.72	22.63		
10	QPSK	1	49	22.58	22.72	22.58		
10	QPSK	25	0	22.68	22.89	22.74	24	0
10	QPSK	25	12	22.70	22.77	22.60		
10	QPSK	25	25	22.72	22.78	22.68		
10	QPSK	50	0	22.55	22.83	22.62		
10	16QAM	1	0	22.65	22.72	22.75	24	0
10	16QAM	1	25	22.64	22.78	22.76		
10	16QAM	1	49	22.58	22.73	22.65		
10	16QAM	25	0	21.68	21.84	21.67	23	1
10	16QAM	25	12	21.55	21.89	21.73		
10	16QAM	25	25	21.62	21.76	21.70		
10	16QAM	50	0	21.72	21.82	21.72		
10	64QAM	1	0	21.55	21.82	21.70	23	1
10	64QAM	1	25	21.58	21.85	21.67		
10	64QAM	1	49	21.63	21.85	21.70		
10	64QAM	25	0	20.64	20.74	20.70	22	2
10	64QAM	25	12	20.66	20.74	20.68		
10	64QAM	25	25	20.54	20.85	20.69		
10	64QAM	50	0	20.58	20.74	20.66		
10	256QAM	1	0	18.63	18.85	18.70	20	4
10	256QAM	1	25	18.64	18.82	18.68		
10	256QAM	1	49	18.62	18.89	18.71		
10	256QAM	25	0	18.61	18.82	18.67	20	4
10	256QAM	25	12	18.69	18.85	18.81		
10	256QAM	25	25	18.56	18.83	18.76		
10	256QAM	50	0	18.63	18.89	18.78		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.56	22.93	22.68	24	0
5	QPSK	1	12	22.66	22.81	22.67		
5	QPSK	1	24	22.59	22.76	22.64		
5	QPSK	12	0	22.56	22.90	22.64	24	0
5	QPSK	12	7	22.71	22.68	22.69		
5	QPSK	12	13	22.65	22.81	22.63		
5	QPSK	25	0	22.62	22.88	22.61		
5	16QAM	1	0	22.58	22.77	22.76	24	0
5	16QAM	1	12	22.59	22.82	22.68		
5	16QAM	1	24	22.57	22.82	22.59		
5	16QAM	12	0	21.72	21.79	21.67	23	1
5	16QAM	12	7	21.52	21.90	21.76		
5	16QAM	12	13	21.56	21.79	21.78		
5	16QAM	25	0	21.63	21.79	21.67		
5	64QAM	1	0	21.54	21.86	21.77	23	1
5	64QAM	1	12	21.58	21.80	21.72		
5	64QAM	1	24	21.68	21.83	21.71		
5	64QAM	12	0	20.69	20.72	20.71	22	2
5	64QAM	12	7	20.59	20.80	20.66		
5	64QAM	12	13	20.51	20.82	20.69		
5	64QAM	25	0	20.59	20.77	20.70		
5	256QAM	1	0	18.62	18.87	18.64	20	4
5	256QAM	1	12	18.67	18.77	18.69		
5	256QAM	1	24	18.62	18.83	18.68		
5	256QAM	12	0	18.58	18.70	18.66	20	4
5	256QAM	12	7	18.61	18.79	18.79		
5	256QAM	12	13	18.61	18.80	18.77		
5	256QAM	25	0	18.66	18.83	18.74		

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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	22.86	22.91	23.10	22.90	22.97	24	0
20	QPSK	1	49	22.96	22.82	22.95	22.88	22.97		
20	QPSK	1	99	22.94	22.81	22.93	22.82	22.91		
20	QPSK	50	0	22.85	22.82	23.05	22.90	22.94	24	0
20	QPSK	50	24	22.87	22.87	22.93	22.84	22.93		
20	QPSK	50	50	22.86	22.87	23.01	22.89	22.95		
20	QPSK	100	0	22.87	22.80	23.03	22.81	22.91		
20	16QAM	1	0	22.88	22.83	22.95	22.91	22.99	24	0
20	16QAM	1	49	22.87	22.84	22.97	22.90	22.98		
20	16QAM	1	99	22.96	22.80	22.98	22.85	22.93		
20	16QAM	50	0	21.91	21.86	22.00	21.85	21.91	23	1
20	16QAM	50	24	21.91	21.76	22.05	21.96	21.97		
20	16QAM	50	50	21.89	21.78	21.98	21.95	21.93		
20	16QAM	100	0	21.90	21.86	22.03	21.92	21.95		
20	64QAM	1	0	21.82	21.77	22.00	21.92	21.94	23	1
20	64QAM	1	49	21.84	21.81	22.05	21.86	22.03		
20	64QAM	1	99	21.90	21.83	22.06	21.88	21.97		
20	64QAM	50	0	20.84	20.87	20.96	20.87	20.99	22	2
20	64QAM	50	24	20.89	20.81	21.00	20.90	20.92		
20	64QAM	50	50	20.82	20.75	21.03	20.89	21.02		
20	64QAM	100	0	20.86	20.82	20.95	20.91	20.98		
20	256QAM	1	0	18.80	18.79	19.03	18.87	18.98	20	4
20	256QAM	1	49	18.80	18.87	19.03	18.86	18.99		
15	256QAM	1	37	18.74	18.83	18.93	18.79	18.88	20	4
15	256QAM	1	74	18.85	18.73	18.98	18.86	18.96		
15	256QAM	36	0	18.81	18.73	18.86	18.78	18.78	20	4
15	256QAM	36	20	18.66	18.75	18.95	18.87	18.90		
15	256QAM	36	39	18.80	18.73	18.90	18.84	18.85		
15	256QAM	75	0	18.73	18.74	19.02	18.82	18.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.79	22.69	23.02	22.84	22.82	24	0
10	QPSK	1	25	22.80	22.66	22.80	22.78	22.87		
10	QPSK	1	49	22.86	22.73	22.85	22.76	22.77		
10	QPSK	25	0	22.79	22.76	22.84	22.86	22.82	24	0
10	QPSK	25	12	22.72	22.81	22.91	22.73	22.83		
10	QPSK	25	25	22.80	22.77	22.93	22.81	22.86		
10	QPSK	50	0	22.71	22.71	22.92	22.72	22.84		
10	16QAM	1	0	22.80	22.74	22.90	22.76	22.92	24	0
10	16QAM	1	25	22.79	22.71	22.87	22.82	22.94		
10	16QAM	1	49	22.81	22.72	22.84	22.79	22.86		
10	16QAM	25	0	21.85	21.73	21.87	21.74	21.87	23	1
10	16QAM	25	12	21.80	21.71	21.93	21.89	21.81		
10	16QAM	25	25	21.76	21.73	21.87	21.81	21.83		
10	16QAM	50	0	21.82	21.81	21.97	21.87	21.87		
10	64QAM	1	0	21.74	21.65	21.86	21.84	21.85	23	1
10	64QAM	1	25	21.74	21.69	21.99	21.81	21.96		
10	64QAM	1	49	21.80	21.69	21.99	21.78	21.89		
10	64QAM	25	0	20.72	20.81	20.87	20.78	20.89	22	2
10	64QAM	25	12	20.75	20.76	20.92	20.86	20.83		
10	64QAM	25	25	20.76	20.63	20.97	20.76	20.94		
10	64QAM	50	0	20.73	20.77	20.91	20.83	20.87		
10	256QAM	1	0	18.69	18.70	18.93	18.80	18.94	20	4
10	256QAM	1	25	18.69	18.75	18.92	18.81	18.89		
10	256QAM	1	49	18.75	18.71	18.97	18.86	18.88		
10	256QAM	25	0	18.82	18.75	18.91	18.75	18.81	20	4
10	256QAM	25	12	18.72	18.81	18.95	18.90	18.93		
10	256QAM	25	25	18.79	18.73	18.87	18.76	18.82		
10	256QAM	50	0	18.79	18.76	18.98	18.82	18.87		
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	22.76	22.77	23.01	22.86	22.85	24	0
5	QPSK	1	12	22.86	22.72	22.89	22.81	22.91		
5	QPSK	1	24	22.80	22.76	22.79	22.76	22.79		
5	QPSK	12	0	22.77	22.69	22.82	22.77	22.87	24	0
5	QPSK	12	7	22.82	22.72	22.95	22.73	22.82		
5	QPSK	12	13	22.79	22.80	22.88	22.80	22.81		
5	QPSK	25	0	22.82	22.70	22.98	22.75	22.85		
5	16QAM	1	0	22.81	22.71	22.88	22.86	22.84	24	0
5	16QAM	1	12	22.75	22.73	22.85	22.82	22.85		
5	16QAM	1	24	22.88	22.69	22.89	22.72	22.84		
5	16QAM	12	0	21.84	21.82	21.88	21.69	21.77	23	1
5	16QAM	12	7	21.83	21.66	21.98	21.83	21.92		
5	16QAM	12	13	21.75	21.72	21.82	21.80	21.87		
5	16QAM	25	0	21.78	21.72	21.97	21.83	21.81		
5	64QAM	1	0	21.67	21.61	21.93	21.79	21.80	23	1
5	64QAM	1	12	21.76	21.71	21.93	21.71	21.99		
5	64QAM	1	24	21.84	21.79	22.00	21.79	21.89		
5	64QAM	12	0	20.78	20.76	20.80	20.77	20.94	22	2
5	64QAM	12	7	20.85	20.69	20.86	20.76	20.79		
5	64QAM	12	13	20.72	20.67	20.91	20.79	20.98		
5	64QAM	25	0	20.73	20.74	20.84	20.82	20.88		
5	256QAM	1	0	18.71	18.71	18.98	18.79	18.85	20	4
5	256QAM	1	12	18.72	18.75	18.87	18.72	18.84		
5	256QAM	1	24	18.83	18.75	18.99	18.81	18.92		
5	256QAM	12	0	18.78	18.75	18.86	18.75	18.84	20	4
5	256QAM	12	7	18.73	18.74	18.93	18.89	18.92		
5	256QAM	12	13	18.77	18.67	18.91	18.84	18.91		
5	256QAM	25	0	18.72	18.79	18.91	18.82	18.94		

LTE Band 42 Part 27Q Ant 2 DSI6&7								
BW [MHz]	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	24.69	24.83	24.47	26	0
20	QPSK	1	49	24.63	24.61	24.59		
20	QPSK	1	99	24.64	24.63	24.51		
20	QPSK	50	0	23.79	23.80	23.35	25	1
20	QPSK	50	24	23.71	23.71	23.48		
20	QPSK	50	50	23.65	23.74	23.57		
20	QPSK	100	0	23.70	23.85	23.44		
20	16QAM	1	0	23.57	23.94	23.53	25	1
20	16QAM	1	49	23.60	23.66	23.68		
20	16QAM	1	99	23.76	23.58	23.59		
20	16QAM	50	0	22.76	22.75	22.38	24	2
20	16QAM	50	24	22.68	22.56	22.65		
20	16QAM	50	50	22.55	22.62	22.53		
20	16QAM	100	0	22.72	22.92	22.45		
20	64QAM	1	0	22.64	22.89	22.48	24	2
20	64QAM	1	49	22.55	22.61	22.64		
20	64QAM	1	99	22.70	22.51	22.45		
20	64QAM	50	0	21.58	21.76	21.54	23	3
20	64QAM	50	24	21.56	21.86	21.60		
20	64QAM	50	50	21.73	21.62	21.56		
20	64QAM	100	0	21.53	21.64	21.33		
20	256QAM	1	0	19.58	19.65	19.63	21	5
20	256QAM	1	49	19.78	19.62	19.48		
15	256QAM	1	37	19.73	19.51	19.30	21	5
15	256QAM	1	74	19.43	19.61	19.26		
15	256QAM	36	0	19.24	19.46	19.29	21	5
15	256QAM	36	20	19.40	19.72	19.34		
15	256QAM	36	39	19.54	19.61	19.39		
15	256QAM	75	0	19.61	19.61	19.48		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.70	24.65	24.39	26	0
10	QPSK	1	25	24.59	24.62	24.58		
10	QPSK	1	49	24.64	24.42	24.37		
10	QPSK	25	0	23.75	23.60	23.36	25	1
10	QPSK	25	12	23.65	23.64	23.30		
10	QPSK	25	25	23.45	23.71	23.43		
10	QPSK	50	0	23.59	23.79	23.42		
10	16QAM	1	0	23.49	23.82	23.34	25	1
10	16QAM	1	25	23.58	23.56	23.59		
10	16QAM	1	49	23.56	23.36	23.56		
10	16QAM	25	0	22.71	22.71	22.33	24	2
10	16QAM	25	12	22.53	22.44	22.52		
10	16QAM	25	25	22.38	22.63	22.34		
10	16QAM	50	0	22.51	22.71	22.46		
10	64QAM	1	0	22.44	22.91	22.56	24	2
10	64QAM	1	25	22.41	22.53	22.48		
10	64QAM	1	49	22.72	22.42	22.43		
10	64QAM	25	0	21.52	21.56	21.48	23	3
10	64QAM	25	12	21.43	21.70	21.52		
10	64QAM	25	25	21.59	21.54	21.52		
10	64QAM	50	0	21.43	21.53	21.35		
10	256QAM	1	0	19.47	19.45	19.51	21	5
10	256QAM	1	25	19.64	19.48	19.41		
10	256QAM	1	49	19.59	19.75	19.37		
10	256QAM	25	0	19.41	19.52	19.26	21	5
10	256QAM	25	12	19.40	19.57	19.51		
10	256QAM	25	25	19.69	19.56	19.33		
10	256QAM	50	0	19.50	19.58	19.42		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.51	24.75	24.42	26	0
5	QPSK	1	12	24.60	24.55	24.60		
5	QPSK	1	24	24.46	24.61	24.31		
5	QPSK	12	0	23.70	23.72	23.26	25	1
5	QPSK	12	7	23.56	23.60	23.42		
5	QPSK	12	13	23.56	23.56	23.41		
5	QPSK	25	0	23.56	23.85	23.40		
5	16QAM	1	0	23.51	23.78	23.52	25	1
5	16QAM	1	12	23.57	23.64	23.48		
5	16QAM	1	24	23.62	23.54	23.45		
5	16QAM	12	0	22.57	22.59	22.24	24	2
5	16QAM	12	7	22.67	22.54	22.54		
5	16QAM	12	13	22.50	22.51	22.39		
5	16QAM	25	0	22.64	22.70	22.30		
5	64QAM	1	0	22.62	22.69	22.36	24	2
5	64QAM	1	12	22.36	22.43	22.59		
5	64QAM	1	24	22.51	22.53	22.26		
5	64QAM	12	0	21.55	21.71	21.56	23	3
5	64QAM	12	7	21.50	21.85	21.47		
5	64QAM	12	13	21.51	21.61	21.45		
5	64QAM	25	0	21.31	21.58	21.33		
5	256QAM	1	0	19.58	19.64	19.60	21	5
5	256QAM	1	12	19.74	19.55	19.44		
5	256QAM	1	24	19.45	19.58	19.44		
5	256QAM	12	0	19.27	19.45	19.30	21	5
5	256QAM	12	7	19.25	19.58	19.37		
5	256QAM	12	13	19.50	19.65	19.51		
5	256QAM	25	0	19.50	19.65	19.47		

LTE Band 42 Part 27Q Ant 3 DSI6&7

BW [MHz]	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	21.78	21.85	21.48	22	0
20	QPSK	1	49	21.77	21.82	21.36		
20	QPSK	1	99	21.81	21.70	21.29		
20	QPSK	50	0	20.55	20.94	20.40	21	1
20	QPSK	50	24	20.86	20.80	20.57		
20	QPSK	50	50	20.66	20.81	20.52		
20	QPSK	100	0	20.63	20.65	20.27		
20	16QAM	1	0	20.86	20.81	20.39	21	1
20	16QAM	1	49	20.68	20.70	20.44		
20	16QAM	1	99	20.72	20.80	20.21		
20	16QAM	50	0	19.68	19.91	19.51	20	2
20	16QAM	50	24	19.71	19.80	19.50		
20	16QAM	50	50	19.69	19.70	19.37		
20	16QAM	100	0	19.71	19.82	19.39		
20	64QAM	1	0	19.68	19.79	19.34	20	2
20	64QAM	1	49	19.66	19.60	19.17		
20	64QAM	1	99	19.74	19.74	19.04		
20	64QAM	50	0	18.81	18.85	18.48	19	3
20	64QAM	50	24	18.66	18.76	18.51		
20	64QAM	50	50	18.77	18.80	18.14		
20	64QAM	100	0	18.87	18.77	18.47		
20	256QAM	1	0	16.71	16.80	16.34	17	5
20	256QAM	1	49	16.55	16.80	16.36		
15	256QAM	1	37	16.54	16.74	16.28	17	5
15	256QAM	1	74	16.70	16.45	16.28		
15	256QAM	36	0	16.66	16.84	16.33	17	5
15	256QAM	36	20	16.55	16.79	16.16		
15	256QAM	36	39	16.57	16.51	16.12		
15	256QAM	75	0	16.46	16.65	16.25		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.74	21.80	21.46	22	0
10	QPSK	1	25	21.60	21.82	21.24		
10	QPSK	1	49	21.67	21.52	21.19		
10	QPSK	25	0	20.45	20.84	20.30	21	1
10	QPSK	25	12	20.87	20.66	20.52		
10	QPSK	25	25	20.58	20.72	20.52		
10	QPSK	50	0	20.47	20.57	20.05		
10	16QAM	1	0	20.75	20.82	20.30	21	1
10	16QAM	1	25	20.68	20.66	20.39		
10	16QAM	1	49	20.62	20.73	20.19		
10	16QAM	25	0	19.49	19.86	19.49	20	2
10	16QAM	25	12	19.50	19.78	19.40		
10	16QAM	25	25	19.69	19.67	19.30		
10	16QAM	50	0	19.58	19.80	19.27		
10	64QAM	1	0	19.59	19.62	19.21	20	2
10	64QAM	1	25	19.68	19.53	19.12		
10	64QAM	1	49	19.69	19.54	18.92		
10	64QAM	25	0	18.74	18.65	18.49	19	3
10	64QAM	25	12	18.67	18.68	18.32		
10	64QAM	25	25	18.60	18.69	18.08		
10	64QAM	50	0	18.69	18.58	18.37		
10	256QAM	1	0	16.58	16.71	16.20	17	5
10	256QAM	1	25	16.49	16.77	16.22		
10	256QAM	1	49	16.78	16.57	16.38		
10	256QAM	25	0	16.72	16.80	16.32	17	5
10	256QAM	25	12	16.48	16.69	16.02		
10	256QAM	25	25	16.59	16.61	15.98		
10	256QAM	50	0	16.54	16.51	16.18		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.66	21.83	21.26	22	0
5	QPSK	1	12	21.75	21.66	21.29		
5	QPSK	1	24	21.59	21.63	21.14		
5	QPSK	12	0	20.51	20.78	20.28	21	1
5	QPSK	12	7	20.86	20.73	20.47		
5	QPSK	12	13	20.67	20.72	20.37		
5	QPSK	25	0	20.56	20.58	20.06		
5	16QAM	1	0	20.65	20.76	20.37	21	1
5	16QAM	1	12	20.59	20.55	20.38		
5	16QAM	1	24	20.69	20.79	20.17		
5	16QAM	12	0	19.56	19.69	19.39	20	2
5	16QAM	12	7	19.55	19.66	19.48		
5	16QAM	12	13	19.58	19.66	19.37		
5	16QAM	25	0	19.52	19.75	19.29		
5	64QAM	1	0	19.54	19.58	19.12	20	2
5	64QAM	1	12	19.61	19.39	19.07		
5	64QAM	1	24	19.76	19.60	18.84		
5	64QAM	12	0	18.81	18.79	18.38	19	3
5	64QAM	12	7	18.47	18.66	18.48		
5	64QAM	12	13	18.71	18.74	17.99		
5	64QAM	25	0	18.67	18.67	18.33		
5	256QAM	1	0	16.53	16.63	16.28	17	5
5	256QAM	1	12	16.38	16.63	16.32		
5	256QAM	1	24	16.71	16.58	16.40		
5	256QAM	12	0	16.68	16.79	16.43	17	5
5	256QAM	12	7	16.43	16.74	16.19		
5	256QAM	12	13	16.74	16.41	16.13		
5	256QAM	25	0	16.48	16.51	16.15		

LTE Band 42 Part 27Q Ant 5 DSI6&7								
BW [MHz]	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	23.01	23.10	22.35	24	0
20	QPSK	1	49	22.98	22.83	22.47		
20	QPSK	1	99	23.07	22.74	22.48		
20	QPSK	50	0	21.88	22.05	21.28	23	1
20	QPSK	50	24	21.98	21.70	21.51		
20	QPSK	50	50	21.97	21.75	21.55		
20	QPSK	100	0	21.92	22.12	21.47		
20	16QAM	1	0	22.14	22.10	21.40	23	1
20	16QAM	1	49	22.16	21.71	21.60		
20	16QAM	1	99	21.95	21.84	21.48		
20	16QAM	50	0	21.05	20.98	20.54	22	2
20	16QAM	50	24	20.86	20.83	20.54		
20	16QAM	50	50	20.93	20.95	20.57		
20	16QAM	100	0	20.87	20.91	20.65		
20	64QAM	1	0	21.08	21.06	20.61	22	2
20	64QAM	1	49	20.77	20.61	20.45		
20	64QAM	1	99	20.86	20.80	20.61		
20	64QAM	50	0	19.97	20.21	19.55	21	3
20	64QAM	50	24	19.96	19.73	19.48		
20	64QAM	50	50	20.03	19.80	19.40		
20	64QAM	100	0	20.04	20.04	19.30		
20	256QAM	1	0	17.99	18.11	17.46	19	5
20	256QAM	1	49	18.02	17.82	17.43		
15	256QAM	1	37	17.85	17.71	17.22	19	5
15	256QAM	1	74	17.89	17.64	17.47		
15	256QAM	36	0	17.82	18.01	17.22	19	5
15	256QAM	36	20	17.99	17.85	17.35		
15	256QAM	36	39	18.02	17.79	17.50		
15	256QAM	75	0	18.07	17.60	17.42		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.86	23.06	22.23	24	0
10	QPSK	1	25	22.78	22.76	22.34		
10	QPSK	1	49	22.89	22.67	22.33		
10	QPSK	25	0	21.88	21.95	21.28	23	1
10	QPSK	25	12	21.77	21.54	21.33		
10	QPSK	25	25	21.78	21.66	21.53		
10	QPSK	50	0	21.91	22.11	21.44		
10	16QAM	1	0	22.01	22.12	21.33	23	1
10	16QAM	1	25	22.11	21.70	21.56		
10	16QAM	1	49	21.96	21.70	21.43		
10	16QAM	25	0	21.05	20.98	20.52	22	2
10	16QAM	25	12	20.82	20.69	20.49		
10	16QAM	25	25	20.76	20.81	20.35		
10	16QAM	50	0	20.77	20.90	20.48		
10	64QAM	1	0	20.98	21.07	20.61	22	2
10	64QAM	1	25	20.69	20.57	20.43		
10	64QAM	1	49	20.79	20.65	20.52		
10	64QAM	25	0	19.83	20.03	19.45	21	3
10	64QAM	25	12	19.83	19.52	19.34		
10	64QAM	25	25	19.89	19.68	19.29		
10	64QAM	50	0	19.90	19.96	19.13		
10	256QAM	1	0	17.82	17.94	17.39	19	5
10	256QAM	1	25	17.94	17.69	17.26		
10	256QAM	1	49	17.92	17.75	17.53		
10	256QAM	25	0	17.85	17.83	17.14	19	5
10	256QAM	25	12	17.99	17.86	17.38		
10	256QAM	25	25	18.04	17.89	17.63		
10	256QAM	50	0	18.00	17.70	17.36		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.82	22.95	22.20	24	0
5	QPSK	1	12	22.98	22.77	22.26		
5	QPSK	1	24	22.91	22.59	22.45		
5	QPSK	12	0	21.88	21.85	21.18	23	1
5	QPSK	12	7	21.96	21.51	21.42		
5	QPSK	12	13	21.90	21.68	21.48		
5	QPSK	25	0	21.85	22.10	21.37		
5	16QAM	1	0	22.15	21.94	21.32	23	1
5	16QAM	1	12	22.11	21.68	21.55		
5	16QAM	1	24	21.89	21.77	21.38		
5	16QAM	12	0	20.90	20.79	20.32	22	2
5	16QAM	12	7	20.64	20.72	20.47		
5	16QAM	12	13	20.90	20.73	20.49		
5	16QAM	25	0	20.75	20.83	20.62		
5	64QAM	1	0	20.99	20.90	20.62	22	2
5	64QAM	1	12	20.63	20.53	20.27		
5	64QAM	1	24	20.69	20.62	20.41		
5	64QAM	12	0	19.82	20.12	19.40	21	3
5	64QAM	12	7	19.75	19.63	19.48		
5	64QAM	12	13	19.91	19.78	19.26		
5	64QAM	25	0	19.86	19.99	19.18		
5	256QAM	1	0	17.87	18.03	17.47	19	5
5	256QAM	1	12	18.00	17.77	17.45		
5	256QAM	1	24	17.92	17.69	17.64		
5	256QAM	12	0	17.91	18.01	17.28	19	5
5	256QAM	12	7	18.00	17.76	17.37		
5	256QAM	12	13	18.03	17.74	17.66		
5	256QAM	25	0	18.08	17.78	17.39		

LTE Band 42 Part 27Q Ant 6 DSI6&7								
BW [MHz]	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	22.46	22.67	22.56	23	0
20	QPSK	1	49	22.44	22.56	22.53		
20	QPSK	1	99	22.44	22.46	22.61		
20	QPSK	50	0	22.48	22.60	22.57	23	0
20	QPSK	50	24	22.38	22.50	22.44		
20	QPSK	50	50	22.42	22.45	22.50		
20	QPSK	100	0	22.41	22.59	22.54		
20	16QAM	1	0	22.43	22.60	22.56	23	0
20	16QAM	1	49	22.36	22.49	22.48		
20	16QAM	1	99	22.39	22.41	22.51		
20	16QAM	50	0	22.43	22.62	22.56	23	0
20	16QAM	50	24	22.37	22.44	22.52		
20	16QAM	50	50	22.37	22.42	22.50		
20	16QAM	100	0	22.43	22.49	22.45		
20	64QAM	1	0	22.48	22.57	22.53	23	0
20	64QAM	1	49	22.38	22.48	22.46		
20	64QAM	1	99	22.36	22.44	22.53		
20	64QAM	50	0	22.34	22.58	22.49	23	0
20	64QAM	50	24	22.25	22.40	22.33		
20	64QAM	50	50	22.40	22.54	22.32		
20	64QAM	100	0	22.24	22.51	22.42		
20	256QAM	1	0	20.21	20.41	20.37	21	2
20	256QAM	1	49	20.22	20.27	20.30		
15	256QAM	1	37	20.33	20.28	20.32	21	2
15	256QAM	1	74	20.20	20.19	20.21		
15	256QAM	36	0	20.26	20.39	20.43	21	2
15	256QAM	36	20	20.36	20.35	20.26		
15	256QAM	36	39	20.36	20.25	20.31		
15	256QAM	75	0	20.27	20.36	20.37		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.43	22.67	22.52	23	0
10	QPSK	1	25	22.44	22.49	22.53		
10	QPSK	1	49	22.43	22.40	22.55		
10	QPSK	25	0	22.45	22.54	22.56	23	0
10	QPSK	25	12	22.29	22.41	22.35		
10	QPSK	25	25	22.40	22.38	22.47		
10	QPSK	50	0	22.36	22.53	22.54		
10	16QAM	1	0	22.38	22.54	22.53	23	0
10	16QAM	1	25	22.32	22.41	22.42		
10	16QAM	1	49	22.34	22.33	22.48		
10	16QAM	25	0	22.41	22.58	22.51	23	0
10	16QAM	25	12	22.31	22.35	22.48		
10	16QAM	25	25	22.33	22.39	22.46		
10	16QAM	50	0	22.34	22.47	22.40		
10	64QAM	1	0	22.41	22.48	22.48	23	0
10	64QAM	1	25	22.35	22.39	22.46		
10	64QAM	1	49	22.29	22.36	22.51		
10	64QAM	25	0	22.47	22.48	22.54	23	0
10	64QAM	25	12	22.23	22.36	22.41		
10	64QAM	25	25	22.27	22.55	22.17		
10	64QAM	50	0	22.42	22.55	22.50		
10	256QAM	1	0	20.15	20.46	20.38	21	2
10	256QAM	1	25	20.21	20.17	20.48		
10	256QAM	1	49	20.08	20.26	20.11		
10	256QAM	25	0	20.44	20.23	20.34	21	2
10	256QAM	25	12	20.36	20.50	20.32		
10	256QAM	25	25	20.19	20.28	20.32		
10	256QAM	50	0	20.08	20.32	20.28		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.60	22.55	23	0
5	QPSK	1	12	22.42	22.48	22.45		
5	QPSK	1	24	22.37	22.38	22.57		
5	QPSK	12	0	22.43	22.55	22.51	23	0
5	QPSK	12	7	22.38	22.41	22.40		
5	QPSK	12	13	22.39	22.36	22.44		
5	QPSK	25	0	22.37	22.56	22.48		
5	16QAM	1	0	22.40	22.53	22.51	23	0
5	16QAM	1	12	22.34	22.44	22.45		
5	16QAM	1	24	22.29	22.32	22.49		
5	16QAM	12	0	22.34	22.57	22.49	23	0
5	16QAM	12	7	22.35	22.37	22.52		
5	16QAM	12	13	22.35	22.35	22.50		
5	16QAM	25	0	22.37	22.47	22.41		
5	64QAM	1	0	22.41	22.54	22.51	23	0
5	64QAM	1	12	22.29	22.38	22.44		
5	64QAM	1	24	22.26	22.34	22.48		
5	64QAM	12	0	22.48	22.59	22.46	23	0
5	64QAM	12	7	22.27	22.28	22.37		
5	64QAM	12	13	22.34	22.46	22.21		
5	64QAM	25	0	22.29	22.32	22.35		
5	256QAM	1	0	20.22	20.31	20.18	21	2
5	256QAM	1	12	20.23	20.11	20.47		
5	256QAM	1	24	20.04	20.14	20.30		
5	256QAM	12	0	20.30	20.30	20.42	21	2
5	256QAM	12	7	20.32	20.35	20.38		
5	256QAM	12	13	20.20	20.32	20.43		
5	256QAM	25	0	20.19	20.34	20.43		

Full&Default Power Mode& DSI1

n2 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.27	23.30	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.32	23.29	23.24		
20	PI/2 BPSK	1	104	23.24	23.25	23.15		
20	PI/2 BPSK	50	0	23.34	23.33	23.24	24.0	0.0
20	PI/2 BPSK	50	28	23.25	23.29	23.18	24.0	0.0
20	PI/2 BPSK	50	56	23.27	23.30	23.26	24.0	0.0
20	PI/2 BPSK	100	0	23.25	23.32	23.23		
20	QPSK	1	1	23.36	23.37	23.34	24.0	0.0
20	QPSK	1	53	23.30	23.32	23.28		
20	QPSK	1	104	23.17	23.23	23.17		
20	QPSK	50	0	23.26	23.30	23.24	24.0	0.0
20	QPSK	50	28	23.27	23.33	23.21	24.0	0.0
20	QPSK	50	56	23.21	23.27	23.20	24.0	0.0
20	QPSK	100	0	23.33	23.33	23.29		
20	16QAM	1	1	23.21	23.23	23.14	24.0	0.0
20	64QAM	1	1	21.87	21.94	21.85	22.5	1.5
20	256QAM	1	1	19.93	19.93	19.85	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.28	23.26	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.25	23.29	23.23	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.26	23.23	24.0	0.0

n7 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.31	23.43	23.30	24.0	0.0
20	PI/2 BPSK	1	53	23.35	23.46	23.30		
20	PI/2 BPSK	1	104	23.41	23.50	23.27		
20	PI/2 BPSK	50	0	23.36	23.43	23.22	24.0	0.0
20	PI/2 BPSK	50	28	23.26	23.40	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.26	23.36	23.13	24.0	0.0
20	PI/2 BPSK	100	0	23.21	23.35	23.15		
20	QPSK	1	1	23.46	23.53	23.36	24.0	0.0
20	QPSK	1	53	23.41	23.46	23.21		
20	QPSK	1	104	23.27	23.42	23.28		
20	QPSK	50	0	23.30	23.38	23.17	24.0	0.0
20	QPSK	50	28	23.32	23.41	23.17	24.0	0.0
20	QPSK	50	56	23.23	23.38	23.22	24.0	0.0
20	QPSK	100	0	23.38	23.43	23.28		
20	16QAM	1	1	23.30	23.41	23.27	24.0	0.0
20	64QAM	1	1	22.28	22.38	22.18	22.5	1.5
20	256QAM	1	1	20.04	20.19	19.99	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.34	23.45	23.31	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.36	23.46	23.26	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.41	23.25	24.0	0.0

n25 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.16	23.29	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.23	23.32	23.23		
20	PI/2 BPSK	1	104	23.30	23.38	23.34		
20	PI/2 BPSK	50	0	23.30	23.35	23.23	24.0	0.0
20	PI/2 BPSK	50	28	23.19	23.35	23.32	24.0	0.0
20	PI/2 BPSK	50	56	23.15	23.30	23.28	24.0	0.0
20	PI/2 BPSK	100	0	23.23	23.32	23.22		
20	QPSK	1	1	23.28	23.39	23.35	24.0	0.0
20	QPSK	1	53	23.30	23.36	23.27		
20	QPSK	1	104	23.24	23.33	23.29		
20	QPSK	50	0	23.14	23.28	23.20	24.0	0.0
20	QPSK	50	28	23.20	23.31	23.23	24.0	0.0
20	QPSK	50	56	23.09	23.22	23.18	24.0	0.0
20	QPSK	100	0	23.18	23.32	23.23		
20	16QAM	1	1	23.25	23.38	23.29	24.0	0.0
20	64QAM	1	1	22.02	22.10	22.04	22.5	1.5
20	256QAM	1	1	19.92	19.98	19.87	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.12	23.25	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.24	23.27	24.0	0.0

n30 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.24		24.0	0.0
10	PI/2 BPSK	1	26		23.31			
10	PI/2 BPSK	1	50		23.33			
10	PI/2 BPSK	25	0		22.63		24.0	0.0
10	PI/2 BPSK	25	14		23.20		24.0	0.0
10	PI/2 BPSK	25	27		22.65		24.0	0.0
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.35		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.05		24.0	0.0
10	QPSK	25	14		23.15		24.0	0.0
10	QPSK	25	27		22.14		24.0	0.0
10	QPSK	50	0		22.22			
10	16QAM	1	1		22.36		24.0	0.0
10	64QAM	1	1		20.88		22.5	1.5
10	256QAM	1	1		18.61		20.5	3.5

n66 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.43	23.53	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.49	23.40		
20	PI/2 BPSK	1	104	23.27	23.39	23.32		
20	PI/2 BPSK	50	0	23.35	23.48	23.44	24.0	0.0
20	PI/2 BPSK	50	28	23.33	23.40	23.40	24.0	0.0
20	PI/2 BPSK	50	56	23.30	23.42	23.35	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.40	23.32		
20	QPSK	1	1	23.51	23.58	23.57	24.0	0.0
20	QPSK	1	53	23.31	23.41	23.42		
20	QPSK	1	104	23.31	23.38	23.29		
20	QPSK	50	0	23.34	23.41	23.42	24.0	0.0
20	QPSK	50	28	23.37	23.45	23.41	24.0	0.0
20	QPSK	50	56	23.33	23.43	23.42	24.0	0.0
20	QPSK	100	0	23.35	23.45	23.42		
20	16QAM	1	1	23.40	23.53	23.53	24.0	0.0
20	64QAM	1	1	22.18	22.24	22.21	22.5	1.5
20	256QAM	1	1	20.00	20.15	20.08	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.41	23.42	23.42	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.43	23.46	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.52	24.0	0.0

n2 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.98	23.07	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.08	23.02		
20	PI/2 BPSK	1	104	22.81	23.01	22.95		
20	PI/2 BPSK	50	0	22.93	23.06	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.91	23.11	23.01	24.0	0.0
20	PI/2 BPSK	50	56	22.90	23.09	23.07	24.0	0.0
20	PI/2 BPSK	100	0	22.87	23.03	22.90		
20	QPSK	1	1	23.03	23.13	23.11	24.0	0.0
20	QPSK	1	53	22.95	23.07	23.03		
20	QPSK	1	104	22.86	23.03	22.98		
20	QPSK	50	0	22.92	23.07	23.03	24.0	0.0
20	QPSK	50	28	22.92	23.11	22.98	24.0	0.0
20	QPSK	50	56	22.86	23.04	22.93	24.0	0.0
20	QPSK	100	0	22.90	23.05	23.01		
20	16QAM	1	1	23.00	23.09	23.00	24.0	0.0
20	64QAM	1	1	21.55	21.71	21.65	22.5	1.5
20	256QAM	1	1	19.52	19.71	19.65	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	23.09	23.04	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.88	23.03	23.00	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.87	23.09	22.96	24.0	0.0

n5 Ant 1 Full Power

BW [MHz]	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	23.61	23.64	23.63	24.5	0.0
20	PI/2 BPSK	1	53	23.58	23.64	23.49		
20	PI/2 BPSK	1	104	23.53	23.53	23.44		
20	PI/2 BPSK	50	0	23.59	23.61	23.55	24.5	0.0
20	PI/2 BPSK	50	28	23.55	23.56	23.54	24.5	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.45	24.5	0.0
20	PI/2 BPSK	100	0	23.60	23.64	23.55		
20	QPSK	1	1	23.61	23.65	23.61	24.5	0.0
20	QPSK	1	53	23.60	23.63	23.50		
20	QPSK	1	104	23.39	23.46	23.37		
20	QPSK	50	0	23.59	23.61	23.54	24.5	0.0
20	QPSK	50	28	23.59	23.64	23.52	24.5	0.0
20	QPSK	50	56	23.57	23.57	23.42	24.5	0.0
20	QPSK	100	0	23.57	23.60	23.56		
20	16QAM	1	1	23.60	23.56	23.55	24.5	0.0
20	64QAM	1	1	22.35	22.36	22.30	23.0	1.5
20	256QAM	1	1	20.29	20.38	20.29	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.63	23.62	23.47	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.56	23.59	23.56	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.56	23.58	23.51	24.5	0.0

n7 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.33	23.37	23.34	24.0	0.0
20	PI/2 BPSK	1	53	23.28	23.35	23.28		
20	PI/2 BPSK	1	104	23.33	23.38	23.29		
20	PI/2 BPSK	50	0	23.34	23.40	23.34	24.0	0.0
20	PI/2 BPSK	50	28	23.35	23.41	23.39	24.0	0.0
20	PI/2 BPSK	50	56	23.38	23.39	23.35	24.0	0.0
20	PI/2 BPSK	100	0	23.30	23.37	23.30		
20	QPSK	1	1	23.40	23.45	23.41	24.0	0.0
20	QPSK	1	53	23.34	23.42	23.39		
20	QPSK	1	104	23.35	23.42	23.35		
20	QPSK	50	0	23.36	23.38	23.33	24.0	0.0
20	QPSK	50	28	23.38	23.42	23.39	24.0	0.0
20	QPSK	50	56	23.41	23.41	23.39	24.0	0.0
20	QPSK	100	0	23.39	23.44	23.42		
20	16QAM	1	1	23.35	23.40	23.34	24.0	0.0
20	64QAM	1	1	22.12	22.12	22.09	22.5	1.5
20	256QAM	1	1	19.92	19.94	19.91	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.26	23.32	23.34	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.26	23.41	23.30	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.34	24.0	0.0

n12 Ant 1 Full Power

BW [MHz]	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	23.66	23.68	23.62	24.5	0.0
15	PI/2 BPSK	1	40	23.50	23.50	23.36		
15	PI/2 BPSK	1	77	23.44	23.54	23.44		
15	PI/2 BPSK	36	0	23.57	23.66	23.53	24.5	0.0
15	PI/2 BPSK	36	22	23.32	23.48	23.33	24.5	0.0
15	PI/2 BPSK	36	43	23.27	23.48	23.49	24.5	0.0
15	PI/2 BPSK	75	0	23.62	23.63	23.58		
15	QPSK	1	1	23.79	23.81	23.68	24.5	0.0
15	QPSK	1	40	23.65	23.65	23.58		
15	QPSK	1	77	23.48	23.57	23.38		
15	QPSK	36	0	23.67	23.62	23.63	24.5	0.0
15	QPSK	36	22	23.47	23.68	23.43	24.5	0.0
15	QPSK	36	43	23.47	23.63	23.58	24.5	0.0
15	QPSK	75	0	23.66	23.73	23.68		
15	16QAM	1	1	23.80	23.79	23.70	24.5	0.0
15	64QAM	1	1	22.25	22.34	22.32	23.0	1.5
	256QAM	1	1	20.22	20.41	20.34	21.0	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.68	23.63	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.58	23.65	23.67	24.5	0.0

n13 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.63		24.5	0.0
10	PI/2 BPSK	1	26		23.67			
10	PI/2 BPSK	1	50		23.64			
10	PI/2 BPSK	25	0		23.61		24.5	0.0
10	PI/2 BPSK	25	14		23.56		24.5	0.0
10	PI/2 BPSK	25	27		23.49		24.5	0.0
10	PI/2 BPSK	50	0		23.59			
10	QPSK	1	1		23.68		24.5	0.0
10	QPSK	1	26		23.62			
10	QPSK	1	50		23.58			
10	QPSK	25	0		23.63		24.5	0.0
10	QPSK	25	14		23.65		24.5	0.0
10	QPSK	25	27		23.53		24.5	0.0
10	QPSK	50	0		23.63			
10	16QAM	1	1		23.62		24.5	0.0
10	64QAM	1	1		22.33		23.0	1.5
10	256QAM	1	1		20.37		21.0	3.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.62	23.63	23.61	24.5	0.0

n25 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.19	23.22	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.06	23.12	22.97		
20	PI/2 BPSK	1	104	23.17	23.18	22.97		
20	PI/2 BPSK	50	0	23.20	23.25	23.05	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.28	23.06	24.0	0.0
20	PI/2 BPSK	50	56	23.13	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.18	22.99		
20	QPSK	1	1	23.31	23.34	23.19	24.0	0.0
20	QPSK	1	53	23.28	23.31	23.16		
20	QPSK	1	104	23.23	23.31	23.13		
20	QPSK	50	0	23.15	23.25	23.01	24.0	0.0
20	QPSK	50	28	23.19	23.29	23.16	24.0	0.0
20	QPSK	50	56	23.12	23.18	23.05	24.0	0.0
20	QPSK	100	0	23.18	23.21	23.01		
20	16QAM	1	1	23.02	23.13	22.98	24.0	0.0
20	64QAM	1	1	21.83	21.85	21.62	22.5	1.5
20	256QAM	1	1	19.64	19.75	19.60	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.21	23.19	23.06	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.19	23.23	23.04	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.16	23.18	23.07	24.0	0.0

n26 Ant 1 Full Power

BW [MHz]	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	23.25	23.51	23.15	24.5	0.0
20	PI/2 BPSK	1	53	23.26	23.50	23.20		
20	PI/2 BPSK	1	104	23.47	23.64	23.34		
20	PI/2 BPSK	50	0	23.39	23.64	23.27	24.5	0.0
20	PI/2 BPSK	50	28	23.26	23.47	23.14	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.50	23.20	24.5	0.0
20	PI/2 BPSK	100	0	23.28	23.48	23.12		
20	QPSK	1	1	23.48	23.66	23.33	24.5	0.0
20	QPSK	1	53	23.41	23.62	23.29		
20	QPSK	1	104	23.32	23.52	23.13		
20	QPSK	50	0	23.37	23.52	23.22	24.5	0.0
20	QPSK	50	28	23.44	23.62	23.32	24.5	0.0
20	QPSK	50	56	23.41	23.58	23.21	24.5	0.0
20	QPSK	100	0	23.29	23.49	23.19		
20	16QAM	1	1	23.25	23.47	23.13	24.5	0.0
20	64QAM	1	1	21.93	22.19	21.85	23.0	1.5
20	256QAM	1	1	20.08	20.22	19.87	21.0	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.39	23.51	23.29	24.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.41	23.56	23.18	24.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.42	23.53	23.19	24.5	0.0

n30 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.36		24.0	0.0
10	PI/2 BPSK	1	26		23.34			
10	PI/2 BPSK	1	50		23.29			
10	PI/2 BPSK	25	0		22.78		24.0	0.0
10	PI/2 BPSK	25	14		23.31		24.0	0.0
10	PI/2 BPSK	25	27		22.82		24.0	0.0
10	PI/2 BPSK	50	0		22.87			
10	QPSK	1	1		23.40		24.0	0.0
10	QPSK	1	26		23.23			
10	QPSK	1	50		23.32			
10	QPSK	25	0		22.26		24.0	0.0
10	QPSK	25	14		23.32		24.0	0.0
10	QPSK	25	27		22.30		24.0	0.0
10	QPSK	50	0		22.37			
10	16QAM	1	1		22.51		24.0	0.0
10	64QAM	1	1		21.05		22.5	1.5
10	256QAM	1	1		18.69		20.5	3.5

n66 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.14	23.41	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.21	23.40	23.01		
20	PI/2 BPSK	1	104	23.05	23.25	22.85		
20	PI/2 BPSK	50	0	23.07	23.36	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.01	23.25	22.88	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.32	22.99	24.0	0.0
20	PI/2 BPSK	100	0	23.03	23.27	22.92		
20	QPSK	1	1	23.26	23.45	23.11	24.0	0.0
20	QPSK	1	53	22.98	23.24	22.83		
20	QPSK	1	104	23.02	23.25	22.87		
20	QPSK	50	0	23.04	23.30	22.92	24.0	0.0
20	QPSK	50	28	23.06	23.34	23.04	24.0	0.0
20	QPSK	50	56	23.00	23.26	22.94	24.0	0.0
20	QPSK	100	0	23.13	23.34	23.04		
20	16QAM	1	1	23.00	23.26	22.92	24.0	0.0
20	64QAM	1	1	21.72	21.93	21.56	22.5	1.5
20	256QAM	1	1	19.64	19.88	19.54	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.18	23.34	22.95	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.21	23.37	23.07	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.20	23.39	23.05	24.0	0.0

n71 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.25	23.50	23.32	24.5	0.0
20	PI/2 BPSK	1	53	23.10	23.42	23.19		
20	PI/2 BPSK	1	104	23.25	23.53	23.32		
20	PI/2 BPSK	50	0	23.24	23.57	23.29	24.5	0.0
20	PI/2 BPSK	50	28	23.17	23.52	23.24	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.58	23.28	24.5	0.0
20	PI/2 BPSK	100	0	23.30	23.57	23.29		
20	QPSK	1	1	23.27	23.59	23.33	24.5	0.0
20	QPSK	1	53	23.12	23.45	23.15		
20	QPSK	1	104	23.21	23.52	23.27		
20	QPSK	50	0	23.26	23.53	23.24	24.5	0.0
20	QPSK	50	28	23.27	23.57	23.39	24.5	0.0
20	QPSK	50	56	23.24	23.51	23.26	24.5	0.0
20	QPSK	100	0	23.08	23.44	23.24		
20	16QAM	1	1	23.15	23.50	23.27	24.5	0.0
20	64QAM	1	1	21.88	22.21	21.96	23.0	1.5
20	256QAM	1	1	19.54	19.89	19.62	21.0	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.13	23.53	23.21	24.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.19	23.45	23.27	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.12	23.52	23.18	24.5	0.0

n2 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.21	23.34	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.22	23.41	23.26		
20	PI/2 BPSK	1	104	23.35	23.53	23.36		
20	PI/2 BPSK	50	0	23.22	23.40	23.30	24.0	0.0
20	PI/2 BPSK	50	28	23.40	23.55	23.46	24.0	0.0
20	PI/2 BPSK	50	56	23.35	23.51	23.34	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.32	23.23		
20	QPSK	1	1	23.41	23.58	23.42	24.0	0.0
20	QPSK	1	53	23.40	23.52	23.36		
20	QPSK	1	104	23.27	23.48	23.36		
20	QPSK	50	0	23.19	23.31	23.21	24.0	0.0
20	QPSK	50	28	23.30	23.47	23.33	24.0	0.0
20	QPSK	50	56	23.21	23.37	23.20	24.0	0.0
20	QPSK	100	0	23.27	23.41	23.23		
20	16QAM	1	1	23.16	23.36	23.23	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.93	22.5	1.5
20	256QAM	1	1	20.04	20.16	20.09	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.31	23.44	23.28	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.37	23.52	23.30	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.49	23.37	24.0	0.0

n7 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.03	22.77	24.0	0.0
20	PI/2 BPSK	1	53	23.04	23.16	22.99		
20	PI/2 BPSK	1	104	22.95	23.13	22.88		
20	PI/2 BPSK	50	0	23.06	23.20	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.03	22.76	24.0	0.0
20	PI/2 BPSK	50	56	23.03	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.22	23.06		
20	QPSK	1	1	23.14	23.33	23.07	24.0	0.0
20	QPSK	1	53	23.00	23.11	22.84		
20	QPSK	1	104	22.98	23.15	22.97		
20	QPSK	50	0	23.02	23.12	22.93	24.0	0.0
20	QPSK	50	28	23.09	23.20	23.00	24.0	0.0
20	QPSK	50	56	22.88	23.09	22.87	24.0	0.0
20	QPSK	100	0	23.00	23.16	22.90		
20	16QAM	1	1	23.03	23.24	23.08	24.0	0.0
20	64QAM	1	1	21.54	21.75	21.56	22.5	1.5
20	256QAM	1	1	19.47	19.60	19.35	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.07	23.20	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.98	23.18	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	23.21	23.00	24.0	0.0

n25 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.58	23.60	23.55	24.0	0.0
20	PI/2 BPSK	1	53	23.47	23.51	23.47		
20	PI/2 BPSK	1	104	23.43	23.51	23.39		
20	PI/2 BPSK	50	0	23.57	23.55	23.42	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.61	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.41	24.0	0.0
20	PI/2 BPSK	100	0	23.55	23.61	23.59		
20	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
20	QPSK	1	53	23.53	23.55	23.46		
20	QPSK	1	104	23.49	23.49	23.47		
20	QPSK	50	0	23.30	23.34	23.22	24.0	0.0
20	QPSK	50	28	23.56	23.59	23.50	24.0	0.0
20	QPSK	50	56	23.45	23.45	23.32	24.0	0.0
20	QPSK	100	0	23.47	23.54	23.42		
20	16QAM	1	1	23.57	23.65	23.64	24.0	0.0
20	64QAM	1	1	22.27	22.25	22.22	22.5	1.5
20	256QAM	1	1	20.12	20.19	20.16	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.57	23.63	23.45	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.54	23.62	23.44	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.55	23.54	24.0	0.0

n30 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.12			
10	PI/2 BPSK	1	50		23.15			
10	PI/2 BPSK	25	0		22.64		23.5	0.5
10	PI/2 BPSK	25	14		23.24		24.0	0.0
10	PI/2 BPSK	25	27		22.72		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.28		24.0	0.0
10	QPSK	1	26		23.07			
10	QPSK	1	50		23.14			
10	QPSK	25	0		22.10		23.0	1.0
10	QPSK	25	14		23.23		24.0	0.0
10	QPSK	25	27		22.25		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.42		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5

n66 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.60	23.73	23.63	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.63	23.47		
20	PI/2 BPSK	1	104	23.48	23.72	23.51		
20	PI/2 BPSK	50	0	23.50	23.69	23.51	24.0	0.0
20	PI/2 BPSK	50	28	23.54	23.75	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.62	23.81	23.61	24.0	0.0
20	PI/2 BPSK	100	0	23.47	23.70	23.59		
20	QPSK	1	1	23.66	23.84	23.63	24.0	0.0
20	QPSK	1	53	23.47	23.69	23.48		
20	QPSK	1	104	23.52	23.72	23.55		
20	QPSK	50	0	23.53	23.73	23.62	24.0	0.0
20	QPSK	50	28	23.65	23.80	23.61	24.0	0.0
20	QPSK	50	56	23.65	23.78	23.67	24.0	0.0
20	QPSK	100	0	23.47	23.69	23.51		
20	16QAM	1	1	23.59	23.81	23.65	24.0	0.0
20	64QAM	1	1	22.25	22.39	22.19	22.5	1.5
20	256QAM	1	1	20.11	20.32	20.12	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.60	23.68	23.55	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.61	23.70	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.56	23.75	23.58	24.0	0.0

n38 Ant 0 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.86	22.92	24.0	0.0
40	PI/2 BPSK	1	53	22.77	22.87	22.90		
40	PI/2 BPSK	1	104	22.74	22.93	22.88		
40	PI/2 BPSK	50	0	22.89	23.03	22.96	24.0	0.0
40	PI/2 BPSK	50	28	22.85	23.04	22.80	24.0	0.0
40	PI/2 BPSK	50	56	22.71	22.84	22.84	24.0	0.0
40	PI/2 BPSK	100	0	22.75	22.98	22.76		
40	QPSK	1	1	22.94	23.13	22.94	24.0	0.0
40	QPSK	1	53	22.84	22.97	22.85		
40	QPSK	1	104	22.71	22.81	22.83		
40	QPSK	50	0	22.89	22.84	22.91	24.0	0.0
40	QPSK	50	28	22.93	23.09	22.81	24.0	0.0
40	QPSK	50	56	22.82	22.81	23.02	24.0	0.0
40	QPSK	100	0	22.89	22.94	22.88		
40	16QAM	1	1	22.90	22.90	22.94	24.0	0.0
40	64QAM	1	1	21.41	21.43	21.43	22.5	1.5
40	256QAM	1	1	19.37	19.59	19.51	20.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.70	22.71	22.79	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.70	22.76	22.78	24.0	0.0

n41 Ant 0 Full Power

BW [MHz]	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	22.94	23.06	22.86	24.0	0.0
100	PI/2 BPSK	1	137	22.81	22.91	22.75		
100	PI/2 BPSK	1	271	22.87	22.74	22.78		
100	PI/2 BPSK	135	0	23.03	22.94	22.65	24.0	0.0
100	PI/2 BPSK	135	69	22.93	22.95	22.65	24.0	0.0
100	PI/2 BPSK	135	138	23.03	22.79	22.79	24.0	0.0
100	PI/2 BPSK	270	0	22.94	22.88	22.79		
100	QPSK	1	1	23.11	23.15	23.08	24.0	0.0
100	QPSK	1	137	22.89	22.96	22.89		
100	QPSK	1	271	22.81	22.84	22.68		
100	QPSK	135	0	22.92	22.91	22.74	24.0	0.0
100	QPSK	135	69	22.87	22.95	22.76	24.0	0.0
100	QPSK	135	138	22.86	22.83	22.67	24.0	0.0
100	QPSK	270	0	23.03	23.05	22.71		
100	16QAM	1	1	22.86	22.83	22.72	24.0	0.0
100	64QAM	1	1	21.55	21.67	21.57	22.5	1.5
100	256QAM	1	1	19.45	19.65	19.60	20.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.91	23.02	22.82	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.85	22.95	23.00	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.93	23.00	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.00	23.06	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.86	22.98	22.92	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.94	22.94	23.02	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.82	22.99	22.83	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.86	22.95	22.80	24.0	0.0

n41 PC2 Ant 0 Full Power

BW [MHz]	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	25.76	25.97	25.88	27.0	0.0
100	PI/2 BPSK	1	137	26.27	26.49	26.45		
100	PI/2 BPSK	1	271	26.10	26.15	26.10		
100	PI/2 BPSK	135	0	25.75	25.89	25.87	26.5	0.5
100	PI/2 BPSK	135	69	26.25	26.45	26.33	27.0	0.0
100	PI/2 BPSK	135	138	25.74	25.92	25.88	26.5	0.5
100	PI/2 BPSK	270	0	25.93	25.96	25.76		
100	QPSK	1	1	26.45	26.55	26.53	27.0	0.0
100	QPSK	1	137	26.53	26.54	26.36		
100	QPSK	1	271	25.17	25.32	25.19		
100	QPSK	135	0	24.95	25.12	25.07	26.0	1.0
100	QPSK	135	69	26.33	26.49	26.32	27.0	0.0
100	QPSK	135	138	24.79	24.86	24.78	26.0	1.0
100	QPSK	270	0	24.87	25.01	24.82		
100	16QAM	1	1	25.50	25.51	25.39	26.0	1.0
100	64QAM	1	1	23.92	24.01	23.90	24.5	2.5
100	256QAM	1	1	22.16	22.21	22.08	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.36	26.50	26.46	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.46	26.48	26.43	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.51	26.48	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.44	26.48	26.51	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.51	26.47	26.34	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.35	26.48	26.50	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.46	26.54	26.44	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.47	26.49	27.0	0.0

n38 Ant 1 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.07	23.07	22.89	24.0	0.0
40	PI/2 BPSK	1	53	22.93	23.03	22.86		
40	PI/2 BPSK	1	104	23.01	23.07	22.79		
40	PI/2 BPSK	50	0	22.99	23.08	22.85	24.0	0.0
40	PI/2 BPSK	50	28	22.85	22.95	23.01	24.0	0.0
40	PI/2 BPSK	50	56	22.92	22.99	22.84	24.0	0.0
40	PI/2 BPSK	100	0	22.95	22.98	22.76		
40	QPSK	1	1	23.13	23.15	22.99	24.0	0.0
40	QPSK	1	53	22.84	22.95	22.92		
40	QPSK	1	104	22.94	22.97	22.95		
40	QPSK	50	0	22.77	22.87	22.74	24.0	0.0
40	QPSK	50	28	22.91	22.97	22.85	24.0	0.0
40	QPSK	50	56	22.81	22.93	22.89	24.0	0.0
40	QPSK	100	0	22.89	22.95	22.87		
40	16QAM	1	1	23.05	23.13	22.88	24.0	0.0
40	64QAM	1	1	21.56	21.76	21.51	22.5	1.5
40	256QAM	1	1	19.64	19.70	19.64	20.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.88	23.00	22.75	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.90	23.00	22.72	24.0	0.0

n41 Ant 1 Full Power

BW [MHz]	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	22.92	23.07	23.07	24.0	0.0
100	PI/2 BPSK	1	137	23.02	23.13	22.92		
100	PI/2 BPSK	1	271	22.96	23.04	23.05		
100	PI/2 BPSK	135	0	22.93	23.10	23.02	24.0	0.0
100	PI/2 BPSK	135	69	23.01	23.13	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.90	23.12	23.13	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.20	23.09		
100	QPSK	1	1	23.09	23.29	23.24	24.0	0.0
100	QPSK	1	137	23.09	23.25	23.16		
100	QPSK	1	271	22.97	23.09	23.02		
100	QPSK	135	0	22.50	22.71	22.68	24.0	0.0
100	QPSK	135	69	23.10	23.25	23.17	24.0	0.0
100	QPSK	135	138	22.92	23.09	22.91	24.0	0.0
100	QPSK	270	0	23.19	23.25	23.16		
100	16QAM	1	1	22.42	22.41	22.36	24.0	0.0
100	64QAM	1	1	20.89	21.05	20.96	22.5	1.5
100	256QAM	1	1	19.49	19.71	19.70	20.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.11	22.52	23.21	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.24	22.51	23.11	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.26	22.49	23.27	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.27	22.37	23.10	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.20	22.40	23.26	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.13	22.42	23.15	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.10	22.36	23.12	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.17	22.40	23.28	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.77	25.84	25.71	27.0	0.0
100	PI/2 BPSK	1	137	25.97	26.03	26.01		
100	PI/2 BPSK	1	271	25.65	25.84	25.79		
100	PI/2 BPSK	135	0	25.40	25.43	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.87	26.00	25.85	27.0	0.0
100	PI/2 BPSK	135	138	25.24	25.41	25.34	26.5	0.5
100	PI/2 BPSK	270	0	25.41	25.43	25.23		
100	QPSK	1	1	26.01	26.18	26.04	27.0	0.0
100	QPSK	1	137	26.00	26.11	25.99		
100	QPSK	1	271	25.91	25.97	25.97		
100	QPSK	135	0	24.86	24.93	24.93	26.0	1.0
100	QPSK	135	69	26.02	26.08	25.88	27.0	0.0
100	QPSK	135	138	24.61	24.73	24.60	26.0	1.0
100	QPSK	270	0	24.90	24.91	24.77		
100	16QAM	1	1	24.82	24.73	24.71	26.0	1.0
100	64QAM	1	1	22.59	22.63	22.52	24.5	2.5
100	256QAM	1	1	21.52	21.61	21.50	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.97	26.14	25.87	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.92	26.12	25.88	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.84	26.14	26.01	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.81	26.12	25.86	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.80	26.10	25.90	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.87	26.13	25.85	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.87	25.96	26.01	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.98	26.11	25.83	27.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.68	23.72	23.62	25.0	0.0
40	PI/2 BPSK	1	53	23.54	23.65	23.66		
40	PI/2 BPSK	1	104	23.55	23.67	23.55		
40	PI/2 BPSK	50	0	23.58	23.64	23.63	25.0	0.0
40	PI/2 BPSK	50	28	23.57	23.58	23.56	25.0	0.0
40	PI/2 BPSK	50	56	23.55	23.59	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.50	23.63	23.45		
40	QPSK	1	1	23.77	23.81	23.71	25.0	0.0
40	QPSK	1	53	23.70	23.71	23.68		
40	QPSK	1	104	23.66	23.73	23.54		
40	QPSK	50	0	23.70	23.69	23.57	25.0	0.0
40	QPSK	50	28	23.49	23.72	23.55	25.0	0.0
40	QPSK	50	56	23.58	23.57	23.57	25.0	0.0
40	QPSK	100	0	23.48	23.63	23.42		
40	16QAM	1	1	23.68	23.76	23.65	25.0	0.0
40	64QAM	1	1	22.22	22.39	22.36	23.5	1.5
40	256QAM	1	1	20.19	20.28	20.19	21.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.70	23.80	23.73	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.67	23.79	23.72	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	23.34	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.55	23.52		
100	PI/2 BPSK	1	271	23.37	23.47	23.49		
100	PI/2 BPSK	135	0	23.44	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.62	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.55	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.52	23.71	23.71		
100	QPSK	1	1	23.52	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.60	23.80	23.61		
100	QPSK	1	271	23.58	23.61	23.47		
100	QPSK	135	0	23.45	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.24	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.46	23.59	23.58		
100	16QAM	1	1	23.54	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.01	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.08	20.08	19.89	21.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.63	23.63	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.54	23.74	23.51	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.41	23.77	23.59	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.34	23.66	23.59	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.40	23.65	23.52	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.45	23.64	23.49	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.67	23.60	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.34	23.64	23.51	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	26.14	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.50	26.52	26.48		
100	PI/2 BPSK	1	271	26.45	26.47	26.48		
100	PI/2 BPSK	135	0	25.73	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.76	25.96	25.77		
100	QPSK	1	1	26.47	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.23	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.11	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.40	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.92	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.04	25.23	25.17		
100	16QAM	1	1	24.49	24.51	24.41	26.0	1.0
100	64QAM	1	1	22.91	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.09	21.19	21.10	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.26	26.53	26.54	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.43	26.51	26.51	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.64	26.46	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.39	26.59	26.39	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.44	26.45	26.36	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.27	26.58	26.54	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.35	26.52	26.49	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.60	26.32	27.0	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.54	23.55	23.52		
100	PI/2 BPSK	1	271	23.44	23.47	23.49		
100	PI/2 BPSK	135	0	23.51	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.65	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.55	23.71	23.71		
100	QPSK	1	1	23.75	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.71	23.80	23.61		
100	QPSK	1	271	23.60	23.61	23.47		
100	QPSK	135	0	23.53	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.27	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.50	23.59	23.58		
100	16QAM	1	1	23.62	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.07	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.07	20.08	19.89	21.5	3.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	23.65	23.71	23.77	25.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	23.62	23.78	23.70	25.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	23.69	23.74	23.75	25.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	23.65	23.77	23.67	25.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	23.67	23.75	23.76	25.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	23.70	23.72	23.77	25.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	23.69	23.74	23.70	25.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	23.68	23.78	23.70	25.0	0.0

n41_ISED PC2 Ant 2 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	26.18	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.51	26.52	26.48		
100	PI/2 BPSK	1	271	26.53	26.47	26.48		
100	PI/2 BPSK	135	0	25.76	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.80	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.78	25.96	25.77		
100	QPSK	1	1	26.52	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.30	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.19	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.44	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.96	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.11	25.23	25.17		
100	16QAM	1	1	24.55	24.51	24.41	26.0	1.0
100	64QAM	1	1	23.01	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.08	21.19	21.10	22.5	4.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	26.44	26.55	26.44	27.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	26.51	26.62	26.52	27.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	26.42	26.58	26.46	27.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	26.47	26.63	26.46	27.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	26.44	26.59	26.47	27.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	26.44	26.61	26.46	27.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	26.46	26.59	26.50	27.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	26.49	26.57	26.47	27.0	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	22.63	22.92	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.53	22.76	22.66		
100	PI/2 BPSK	1	271	22.58	22.86	22.75		
100	PI/2 BPSK	135	0	22.31	22.48	22.38	23.5	0.5
100	PI/2 BPSK	135	69	22.59	22.77	22.70	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.52	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.51	22.39		
100	QPSK	1	1	22.73	23.13	22.88	24.0	0.0
100	QPSK	1	137	22.58	22.79	22.66		
100	QPSK	1	271	22.74	22.89	22.78		
100	QPSK	135	0	22.40	22.55	22.42	23.5	0.5
100	QPSK	135	69	22.66	22.85	22.72	24.0	0.0
100	QPSK	135	138	22.33	22.57	22.47	23.5	0.5
100	QPSK	270	0	22.37	22.55	22.42		
100	16QAM	1	1	22.61	22.85	22.75	24.0	0.0
100	64QAM	1	1	20.64	20.81	20.69	21.5	2.5
100	256QAM	1	1	19.18	19.39	19.28	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.70	22.92	22.80	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.66	22.92	22.86	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.69	22.93	22.84	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.66	22.91	22.80	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.65	22.94	22.80	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.68	22.92	22.86	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.67	22.95	22.83	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.71	22.92	22.85	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.17	26.40	26.31	27.0	0.0
100	PI/2 BPSK	1	137	25.98	26.25	26.12		
100	PI/2 BPSK	1	271	26.03	26.34	26.22		
100	PI/2 BPSK	135	0	25.79	25.99	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.09	26.26	26.15	27.0	0.0
100	PI/2 BPSK	135	138	25.82	26.06	25.94	26.5	0.5
100	PI/2 BPSK	270	0	25.88	26.01	25.86		
100	QPSK	1	1	26.24	26.44	26.42	27.0	0.0
100	QPSK	1	137	26.15	26.31	26.36		
100	QPSK	1	271	26.17	26.38	26.32		
100	QPSK	135	0	25.21	25.41	25.39	26.0	1.0
100	QPSK	135	69	26.13	26.35	26.27	27.0	0.0
100	QPSK	135	138	25.27	25.39	25.44	26.0	1.0
100	QPSK	270	0	25.27	25.48	25.38		
100	16QAM	1	1	25.28	25.52	25.45	26.0	1.0
100	64QAM	1	1	23.72	23.97	23.89	24.5	2.5
100	256QAM	1	1	21.78	21.97	21.96	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.15	26.41	26.30	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.21	26.41	26.30	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.12	26.35	26.31	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.17	26.41	26.30	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.15	26.35	26.36	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.21	26.34	26.36	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.19	26.35	26.30	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.11	26.33	26.30	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.61		24.0	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.12		23.5	0.5
100	PI/2 BPSK	135	69		22.59		24.0	0.0
100	PI/2 BPSK	135	138		22.08		23.5	0.5
100	PI/2 BPSK	270	0		22.09			
100	QPSK	1	1		22.72		24.0	0.0
100	QPSK	1	137		22.64			
100	QPSK	1	271		22.61			
100	QPSK	135	0		22.20		23.5	0.5
100	QPSK	135	69		22.68		24.0	0.0
100	QPSK	135	138		22.24		23.5	0.5
100	QPSK	270	0		22.25			
100	16QAM	1	1		22.32		24.0	0.0
100	64QAM	1	1		20.66		21.5	2.5
100	256QAM	1	1		19.04		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.59	22.63	22.59	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.55	22.69	22.63	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.53	22.68	22.64	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.55	22.61	22.65	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.53	22.71	22.64	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.59	22.69	22.62	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.54	22.65	22.62	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.54	22.67	22.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.62		27.0	0.0
100	PI/2 BPSK	1	137		25.61			
100	PI/2 BPSK	1	271		25.72			
100	PI/2 BPSK	135	0		25.18		26.5	0.5
100	PI/2 BPSK	135	69		25.63		27.0	0.0
100	PI/2 BPSK	135	138		25.09		26.5	0.5
100	PI/2 BPSK	270	0		25.08			
100	QPSK	1	1		25.74		27.0	0.0
100	QPSK	1	137		25.69			
100	QPSK	1	271		25.60			
100	QPSK	135	0		24.76		26.0	1.0
100	QPSK	135	69		25.71		27.0	0.0
100	QPSK	135	138		24.65		26.0	1.0
100	QPSK	270	0		24.72			
100	16QAM	1	1		24.63		26.0	1.0
100	64QAM	1	1		23.18		24.5	2.5
100	256QAM	1	1		21.23		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.64	25.70	25.65	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.59	25.69	25.64	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.61	25.61	25.59	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.58	25.64	25.64	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.61	25.66	25.66	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.58	25.67	25.63	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.64	25.68	25.60	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.63	25.63	25.65	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.58		24.0	0.0
100	PI/2 BPSK	1	137		22.61			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.15		23.5	0.5
100	PI/2 BPSK	135	69		22.41		24.0	0.0
100	PI/2 BPSK	135	138		22.21		23.5	0.5
100	PI/2 BPSK	270	0		22.16			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.59			
100	QPSK	135	0		22.00		23.0	1.0
100	QPSK	135	69		22.48		24.0	0.0
100	QPSK	135	138		21.98		23.0	1.0
100	QPSK	270	0		22.00			
100	16QAM	1	1		21.88		23.0	1.0
100	64QAM	1	1		20.27		21.5	2.5
100	256QAM	1	1		19.16		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.42	22.56	22.52	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.37	22.58	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.35	22.57	22.51	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.33	22.61	22.50	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.39	22.61	22.48	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.36	22.58	22.50	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.38	22.56	22.48	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.36	22.62	22.48	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.01		27.0	0.0
100	PI/2 BPSK	1	137		26.04			
100	PI/2 BPSK	1	271		25.88			
100	PI/2 BPSK	135	0		25.58		26.5	0.5
100	PI/2 BPSK	135	69		25.86		27.0	0.0
100	PI/2 BPSK	135	138		25.58		26.5	0.5
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		26.09		27.0	0.0
100	QPSK	1	137		25.89			
100	QPSK	1	271		25.98			
100	QPSK	135	0		25.04		26.0	1.0
100	QPSK	135	69		25.84		27.0	0.0
100	QPSK	135	138		25.07		26.0	1.0
100	QPSK	270	0		25.01			
100	16QAM	1	1		25.03		26.0	1.0
100	64QAM	1	1		23.04		24.5	2.5
100	256QAM	1	1		21.56		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.80	25.93	25.87	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.87	26.01	25.89	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.86	25.96	25.95	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.86	25.96	25.88	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.81	25.99	25.94	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.87	25.95	25.93	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.85	25.98	25.95	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.81	25.92	25.92	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.60		24.0	0.0
100	PI/2 BPSK	1	137		22.61			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.11		23.5	0.5
100	PI/2 BPSK	135	69		22.60		24.0	0.0
100	PI/2 BPSK	135	138		22.04		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.64		24.0	0.0
100	QPSK	1	137		22.61			
100	QPSK	1	271		22.58			
100	QPSK	135	0		22.14		23.5	0.5
100	QPSK	135	69		22.63		24.0	0.0
100	QPSK	135	138		22.25		23.5	0.5
100	QPSK	270	0		22.20			
100	16QAM	1	1		22.27		24.0	0.0
100	64QAM	1	1		20.59		21.5	2.5
100	256QAM	1	1		18.99		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.53	22.63	22.59	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.55	22.61	22.60	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.52	22.58	22.57	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.58	22.63	22.56	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.52	22.62	22.54	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.54	22.62	22.57	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.60	22.63	22.60	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.56	22.57	22.55	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.58		27.0	0.0
100	PI/2 BPSK	1	137		25.59			
100	PI/2 BPSK	1	271		25.66			
100	PI/2 BPSK	135	0		25.12		26.5	0.5
100	PI/2 BPSK	135	69		25.57		27.0	0.0
100	PI/2 BPSK	135	138		25.05		26.5	0.5
100	PI/2 BPSK	270	0		25.07			
100	QPSK	1	1		25.70		27.0	0.0
100	QPSK	1	137		25.66			
100	QPSK	1	271		25.54			
100	QPSK	135	0		24.72		26.0	1.0
100	QPSK	135	69		25.66		27.0	0.0
100	QPSK	135	138		24.61		26.0	1.0
100	QPSK	270	0		24.64			
100	16QAM	1	1		24.62		26.0	1.0
100	64QAM	1	1		23.15		24.5	2.5
100	256QAM	1	1		21.21		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.63	25.65	25.63	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.61	25.64	25.65	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.64	25.62	25.65	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.62	25.67	25.67	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.65	25.62	25.67	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.61	25.65	25.61	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.58	25.66	25.58	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.62	25.64	25.59	27.0	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	23.09	23.35	23.20	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.24	23.16		
100	PI/2 BPSK	1	271	23.13	23.27	23.24		
100	PI/2 BPSK	135	0	22.80	22.88	22.85	23.5	0.5
100	PI/2 BPSK	135	69	23.09	23.21	23.20	24.0	0.0
100	PI/2 BPSK	135	138	22.88	22.93	22.84	23.5	0.5
100	PI/2 BPSK	270	0	22.86	22.91	22.81		
100	QPSK	1	1	23.20	23.44	23.28	24.0	0.0
100	QPSK	1	137	23.08	23.24	23.15		
100	QPSK	1	271	23.27	23.34	23.18		
100	QPSK	135	0	22.16	22.18	22.08	23.0	1.0
100	QPSK	135	69	23.18	23.31	23.20	24.0	0.0
100	QPSK	135	138	22.16	22.10	22.15	23.0	1.0
100	QPSK	270	0	22.17	22.20	22.14		
100	16QAM	1	1	22.07	22.09	22.11	23.0	1.0
100	64QAM	1	1	21.02	21.18	21.09	21.5	2.5
100	256QAM	1	1	19.03	19.07	19.08	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.36	23.22	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.17	23.41	23.21	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.36	23.24	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.40	23.20	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.34	23.27	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.21	23.34	23.28	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.40	23.23	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.20	23.34	23.22	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.08	26.35	26.22	27.0	0.0
100	PI/2 BPSK	1	137	26.05	26.22	26.19		
100	PI/2 BPSK	1	271	26.17	26.28	26.27		
100	PI/2 BPSK	135	0	25.87	25.86	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.09	26.28	26.24	27.0	0.0
100	PI/2 BPSK	135	138	25.92	25.92	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.84	25.98	25.88		
100	QPSK	1	1	26.24	26.43	26.26	27.0	0.0
100	QPSK	1	137	26.17	26.27	26.12		
100	QPSK	1	271	26.33	26.34	26.22		
100	QPSK	135	0	25.18	25.16	25.08	26.0	1.0
100	QPSK	135	69	26.25	26.32	26.25	27.0	0.0
100	QPSK	135	138	25.23	25.07	25.22	26.0	1.0
100	QPSK	270	0	25.22	25.25	25.13		
100	16QAM	1	1	25.11	25.09	25.12	26.0	1.0
100	64QAM	1	1	24.03	24.21	24.09	24.5	2.5
100	256QAM	1	1	22.01	22.09	22.16	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.21	26.38	26.23	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.20	26.39	26.27	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.21	26.42	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.20	26.42	26.24	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1		26.38	26.20	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.15	26.39	26.28	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.25	26.40	26.26	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.16	26.42	26.26	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.79		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.93			
100	PI/2 BPSK	135	0		22.27		23.5	0.5
100	PI/2 BPSK	135	69		22.75		24.0	0.0
100	PI/2 BPSK	135	138		22.25		23.5	0.5
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.96		24.0	0.0
100	QPSK	1	137		22.81			
100	QPSK	1	271		22.76			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.83		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		22.01		23.0	1.0
100	64QAM	1	1		20.57		21.5	2.5
100	256QAM	1	1		18.68		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.79	22.84	22.83	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.78	22.84	22.82	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.86	22.82	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.74	22.78	22.78	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.78	22.79	22.76	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.82	22.85	22.79	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.76	22.78	22.80	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.78	22.75	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79		27.0	0.0
100	PI/2 BPSK	1	137		25.76			
100	PI/2 BPSK	1	271		25.92			
100	PI/2 BPSK	135	0		25.28		26.5	0.5
100	PI/2 BPSK	135	69		25.81		27.0	0.0
100	PI/2 BPSK	135	138		25.23		26.5	0.5
100	PI/2 BPSK	270	0		25.28			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.85			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.10		26.0	1.0
100	QPSK	135	69		25.84		27.0	0.0
100	QPSK	135	138		25.07		26.0	1.0
100	QPSK	270	0		25.07			
100	16QAM	1	1		25.06		26.0	1.0
100	64QAM	1	1		23.56		24.5	2.5
100	256QAM	1	1		21.75		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.87	25.92	25.88	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.83	25.92	25.91	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.88	25.90	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.87	25.85	25.91	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.92	25.80	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.87	25.92	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.78	25.84	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.78	25.83	25.81	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.30		24.0	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		22.87		23.5	0.5
100	PI/2 BPSK	135	69		23.08		24.0	0.0
100	PI/2 BPSK	135	138		22.92		23.5	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.23			
100	QPSK	1	271		23.26			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		23.17		24.0	0.0
100	QPSK	135	138		22.27		23.0	1.0
100	QPSK	270	0		22.18			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.94		21.5	2.5
100	256QAM	1	1		19.02		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.13	23.21	23.26	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.15	23.26	23.24	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.31	23.18	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.17	23.27	23.25	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.09	23.29	23.18	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.09	23.23	23.19	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.11	23.31	23.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.13	23.27	23.17	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.29		27.0	0.0
100	PI/2 BPSK	1	137		26.20			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		25.97		27.0	0.0
100	PI/2 BPSK	135	138		25.89		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.35		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.22			
100	QPSK	135	0		25.15		26.0	1.0
100	QPSK	135	69		26.10		27.0	0.0
100	QPSK	135	138		25.21		26.0	1.0
100	QPSK	270	0		25.13			
100	16QAM	1	1		24.85		26.0	1.0
100	64QAM	1	1		23.85		24.5	2.5
100	256QAM	1	1		21.94		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.09	26.15	26.13	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.08	26.18	26.21	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.03	26.12	26.24	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.09	26.11	26.21	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.12	26.13	26.13	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.02	26.14	26.21	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.09	26.19	26.20	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.08	26.19	26.18	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.70		24.0	0.0
100	PI/2 BPSK	1	137		22.71			
100	PI/2 BPSK	1	271		22.84			
100	PI/2 BPSK	135	0		22.25		23.5	0.5
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.26		23.5	0.5
100	PI/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.94		24.0	0.0
100	QPSK	1	137		22.74			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.78		24.0	0.0
100	QPSK	135	138		22.07		23.0	1.0
100	QPSK	270	0		22.07			
100	16QAM	1	1		21.97		23.0	1.0
100	64QAM	1	1		20.48		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.84	22.85	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.80	22.77	22.80	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.74	22.76	22.85	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.77	22.85	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.74	22.81	22.74	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.86	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.84	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.76	22.82	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.66			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.18		26.5	0.5
100	PI/2 BPSK	135	69		25.78		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.23			
100	QPSK	1	1		25.96		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.69			
100	QPSK	135	0		25.06		26.0	1.0
100	QPSK	135	69		25.74		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.07		26.0	1.0
100	64QAM	1	1		23.53		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.84	25.79	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.77	25.85	25.87	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.86	25.85	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.85	25.89	25.83	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.87	25.93	25.77	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.83	25.84	25.81	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.86	25.87	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.85	25.87	25.86	27.0	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	24.09	24.56	24.46	25.0	0.0
100	PI/2 BPSK	1	137	24.07	24.42	24.34		
100	PI/2 BPSK	1	271	24.16	24.44	24.43		
100	PI/2 BPSK	135	0	23.77	24.17	24.09	24.5	0.5
100	PI/2 BPSK	135	69	24.11	24.38	24.38	25.0	0.0
100	PI/2 BPSK	135	138	23.86	24.14	24.09	24.5	0.5
100	PI/2 BPSK	270	0	23.89	24.08	23.97		
100	QPSK	1	1	24.20	24.69	24.43	25.0	0.0
100	QPSK	1	137	24.14	24.43	24.30		
100	QPSK	1	271	24.25	24.52	24.40		
100	QPSK	135	0	23.17	23.30	23.31	24.0	1.0
100	QPSK	135	69	24.17	24.52	24.35	25.0	0.0
100	QPSK	135	138	23.20	23.26	23.23	24.0	1.0
100	QPSK	270	0	23.14	23.18	23.10		
100	16QAM	1	1	23.13	23.21	23.20	24.0	1.0
100	64QAM	1	1	22.02	22.12	22.06	22.5	2.5
100	256QAM	1	1	20.06	20.26	20.29	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.20	24.65	24.38	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.16	24.67	24.45	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.13	24.66	24.39	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.18	24.64	24.38	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.22	24.67	24.44	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.11	24.65	24.34	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.13	24.67	24.40	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.14	24.61	24.40	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	26.37	26.27	27.0	0.0
100	PI/2 BPSK	1	137	25.86	26.28	26.12		
100	PI/2 BPSK	1	271	25.97	26.28	26.22		
100	PI/2 BPSK	135	0	25.55	25.96	25.88	26.5	0.5
100	PI/2 BPSK	135	69	25.89	26.23	26.16	27.0	0.0
100	PI/2 BPSK	135	138	25.61	25.94	25.91	26.5	0.5
100	PI/2 BPSK	270	0	25.71	25.87	25.82		
100	QPSK	1	1	25.95	26.54	26.26	27.0	0.0
100	QPSK	1	137	25.92	26.21	26.10		
100	QPSK	1	271	26.06	26.33	26.15		
100	QPSK	135	0	24.99	25.15	25.16	26.0	1.0
100	QPSK	135	69	25.93	26.38	26.20	27.0	0.0
100	QPSK	135	138	25.00	25.05	25.04	26.0	1.0
100	QPSK	270	0	24.99	25.03	24.95		
100	16QAM	1	1	24.96	25.04	24.95	26.0	1.0
100	64QAM	1	1	23.82	23.86	23.81	24.5	2.5
100	256QAM	1	1	21.87	22.07	22.05	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.96	26.51	26.27	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.91	26.49	26.27	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.92	26.45	26.21	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.43	26.18	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.90	26.45	26.18	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.94	26.45	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.93	26.48	26.22	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.93	26.46	26.20	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.88		25.0	0.0
100	PI/2 BPSK	1	137		23.86			
100	PI/2 BPSK	1	271		23.97			
100	PI/2 BPSK	135	0		23.68		24.5	0.5
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.63		24.5	0.5
100	PI/2 BPSK	270	0		23.58			
100	QPSK	1	1		24.06		25.0	0.0
100	QPSK	1	137		23.94			
100	QPSK	1	271		23.87			
100	QPSK	135	0		22.59		24.0	1.0
100	QPSK	135	69		23.92		25.0	0.0
100	QPSK	135	138		22.61		24.0	1.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.77		24.0	1.0
100	64QAM	1	1		21.12		22.5	2.5
100	256QAM	1	1		19.43		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.87	23.97	23.99	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.87	23.89	23.90	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.84	23.92	23.95	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.84	23.89	23.93	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.89	23.98	23.92	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.90	23.99	23.91	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.90	23.94	23.91	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.94	23.91	23.88	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.75		27.0	0.0
100	PI/2 BPSK	1	137		25.77			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.57		26.5	0.5
100	PI/2 BPSK	135	69		25.73		27.0	0.0
100	PI/2 BPSK	135	138		25.58		26.5	0.5
100	PI/2 BPSK	270	0		25.50			
100	QPSK	1	1		25.97		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.50		26.0	1.0
100	QPSK	135	69		25.77		27.0	0.0
100	QPSK	135	138		24.49		26.0	1.0
100	QPSK	270	0		24.60			
100	16QAM	1	1		24.60		26.0	1.0
100	64QAM	1	1		23.00		24.5	2.5
100	256QAM	1	1		21.35		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.91	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.82	25.92	25.94	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.74	25.92	25.86	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.72	25.83	25.88	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.81	25.92	25.95	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.74	25.86	25.86	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.77	25.84	25.88	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.79	25.83	25.89	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.14		24.0	0.0
100	PI/2 BPSK	1	137		23.05			
100	PI/2 BPSK	1	271		22.95			
100	PI/2 BPSK	135	0		22.61		23.5	0.5
100	PI/2 BPSK	135	69		22.84		24.0	0.0
100	PI/2 BPSK	135	138		22.73		23.5	0.5
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		22.98			
100	QPSK	1	271		23.01			
100	QPSK	135	0		22.02		23.0	1.0
100	QPSK	135	69		22.92		24.0	0.0
100	QPSK	135	138		22.01		23.0	1.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.82		23.0	1.0
100	64QAM	1	1		20.64		21.5	2.5
100	256QAM	1	1		18.72		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.12	23.19	23.24	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.11	23.18	23.21	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.09	23.23	23.21	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.10	23.18	23.21	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.10	23.16	23.24	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.14	23.25	23.25	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.15	23.25	23.24	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.14	23.21	23.20	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.40		27.0	0.0
100	PI/2 BPSK	1	137		25.28			
100	PI/2 BPSK	1	271		25.23			
100	PI/2 BPSK	135	0		24.88		26.5	0.5
100	PI/2 BPSK	135	69		25.13		27.0	0.0
100	PI/2 BPSK	135	138		24.93		26.5	0.5
100	PI/2 BPSK	270	0		24.93			
100	QPSK	1	1		25.58		27.0	0.0
100	QPSK	1	137		25.25			
100	QPSK	1	271		25.27			
100	QPSK	135	0		24.23		26.0	1.0
100	QPSK	135	69		25.12		27.0	0.0
100	QPSK	135	138		24.28		26.0	1.0
100	QPSK	270	0		24.23			
100	16QAM	1	1		24.06		26.0	1.0
100	64QAM	1	1		22.93		24.5	2.5
100	256QAM	1	1		20.97		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.39	25.42	25.44	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.41	25.43	25.54	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.36	25.46	25.56	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.40	25.50	25.51	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.36	25.48	25.52	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.40	25.40	25.45	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.40	25.51	25.54	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.43	25.47	25.54	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.30		24.0	0.0
100	PI/2 BPSK	1	137		23.23			
100	PI/2 BPSK	1	271		23.40			
100	PI/2 BPSK	135	0		23.02		23.5	0.5
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		22.97		23.5	0.5
100	PI/2 BPSK	270	0		23.02			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.32			
100	QPSK	1	271		23.23			
100	QPSK	135	0		21.93		23.0	1.0
100	QPSK	135	69		23.36		24.0	0.0
100	QPSK	135	138		21.99		23.0	1.0
100	QPSK	270	0		22.06			
100	16QAM	1	1		22.01		23.0	1.0
100	64QAM	1	1		20.54		21.5	2.5
100	256QAM	1	1		18.83		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.29	23.39	23.38	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.28	23.35	23.37	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.25	23.28	23.35	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.30	23.29	23.40	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.23	23.30	23.30	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.30	23.36	23.36	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.28	23.37	23.38	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.34	23.30	23.39	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.49		27.0	0.0
100	PI/2 BPSK	1	137		25.46			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.23		26.5	0.5
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		25.20		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.58		27.0	0.0
100	QPSK	1	137		25.53			
100	QPSK	1	271		25.44			
100	QPSK	135	0		24.09		26.0	1.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		24.16		26.0	1.0
100	QPSK	270	0		24.21			
100	16QAM	1	1		24.24		26.0	1.0
100	64QAM	1	1		22.81		24.5	2.5
100	256QAM	1	1		21.05		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.37	25.48	25.49	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.37	25.47	25.43	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.35	25.42	25.49	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.33	25.43	25.39	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.44	25.44	25.46	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.34	25.44	25.43	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.34	25.48	25.49	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.42	25.46	25.45	27.0	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	22.86	23.08	23.00	24.0	0.0
100	PI/2 BPSK	1	137	22.82	23.05	22.94		
100	PI/2 BPSK	1	271	22.86	23.09	23.00		
100	PI/2 BPSK	135	0	22.55	22.66	22.57	23.5	0.5
100	PI/2 BPSK	135	69	22.82	23.01	23.01	24.0	0.0
100	PI/2 BPSK	135	138	22.70	22.71	22.65	23.5	0.5
100	PI/2 BPSK	270	0	22.68	22.75	22.63		
100	QPSK	1	1	22.94	23.18	23.02	24.0	0.0
100	QPSK	1	137	22.89	23.07	22.91		
100	QPSK	1	271	23.08	23.06	23.01		
100	QPSK	135	0	22.19	22.22	22.15	23.0	1.0
100	QPSK	135	69	23.00	23.13	23.02	24.0	0.0
100	QPSK	135	138	22.21	22.25	22.14	23.0	1.0
100	QPSK	270	0	22.15	22.19	22.11		
100	16QAM	1	1	22.27	22.30	22.23	23.0	1.0
100	64QAM	1	1	20.80	20.94	20.81	21.5	2.5
100	256QAM	1	1	19.00	19.08	19.06	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.89	23.14	23.02	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.87	23.11	22.97	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	23.12	22.93	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.95	23.10	22.97	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.96	23.11	22.98	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.94	23.11	23.04	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.92	23.17	23.01	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.96	23.17	22.94	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.82	25.98	25.93	27.0	0.0
100	PI/2 BPSK	1	137	25.71	25.97	25.90		
100	PI/2 BPSK	1	271	25.81	25.97	25.95		
100	PI/2 BPSK	135	0	25.45	25.56	25.46	26.5	0.5
100	PI/2 BPSK	135	69	25.80	25.88	26.00	27.0	0.0
100	PI/2 BPSK	135	138	25.68	25.63	25.61	26.5	0.5
100	PI/2 BPSK	270	0	25.57	25.67	25.59		
100	QPSK	1	1	25.87	26.05	25.97	27.0	0.0
100	QPSK	1	137	25.84	25.98	25.80		
100	QPSK	1	271	26.00	26.01	25.96		
100	QPSK	135	0	25.10	25.10	25.05	26.0	1.0
100	QPSK	135	69	25.99	26.02	25.99	27.0	0.0
100	QPSK	135	138	25.11	25.23	25.02	26.0	1.0
100	QPSK	270	0	25.09	25.10	25.02		
100	16QAM	1	1	25.26	25.21	25.15	26.0	1.0
100	64QAM	1	1	23.71	23.84	23.70	24.5	2.5
100	256QAM	1	1	21.96	21.97	22.00	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.79	26.00	25.95	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.82	25.96	25.97	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.01	25.95	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.81	26.01	25.92	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.86	26.04	25.91	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.87	25.97	25.94	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.81	26.04	25.99	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.82	26.00	25.99	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.22		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.19		23.5	0.5
100	PI/2 BPSK	270	0		22.18			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.71			
100	QPSK	135	0		22.10		23.0	1.0
100	QPSK	135	69		22.67		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.03			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.77		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.83	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.81	22.81	22.83	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.80	22.83	22.74	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.80	22.76	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.75	22.87	22.78	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.72	22.78	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.78	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.77	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.73			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.59		27.0	0.0
100	PI/2 BPSK	135	138		25.13		26.5	0.5
100	PI/2 BPSK	270	0		25.14			
100	QPSK	1	1		25.80		27.0	0.0
100	QPSK	1	137		25.61			
100	QPSK	1	271		25.62			
100	QPSK	135	0		25.01		26.0	1.0
100	QPSK	135	69		25.60		27.0	0.0
100	QPSK	135	138		25.12		26.0	1.0
100	QPSK	270	0		24.93			
100	16QAM	1	1		24.94		26.0	1.0
100	64QAM	1	1		23.36		24.5	2.5
100	256QAM	1	1		21.67		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.70	25.73	25.76	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.77	25.78	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.73	25.71	25.75	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.73	25.75	25.69	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.68	25.77	25.69	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.64	25.69	25.79	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.73	25.74	25.71	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.70	25.78	25.72	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.09		24.0	0.0
100	PI/2 BPSK	1	137		23.00			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.67		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.59		23.5	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.13		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.26			
100	16QAM	1	1		22.25		23.0	1.0
100	64QAM	1	1		20.69		21.5	2.5
100	256QAM	1	1		18.78		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.00	23.07	23.05	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.00	23.11	22.98	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.08	23.08	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.05	23.04	23.02	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.98	23.11	22.99	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.07	23.08	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.07	23.11	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.99		27.0	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.75			
100	PI/2 BPSK	135	0		25.61		26.5	0.5
100	PI/2 BPSK	135	69		25.57		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.49			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.80			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.20		26.0	1.0
100	QPSK	135	69		25.75		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.20			
100	16QAM	1	1		25.11		26.0	1.0
100	64QAM	1	1		23.71		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.88	25.92	25.88	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.87	25.88	25.93	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.83	25.97	25.95	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.83	25.90	25.88	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.86	25.96	25.89	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.84	25.94	25.86	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.80	25.88	25.90	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.80	25.90	25.94	27.0	0.0

Part27Q n78 Ant 5 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.64		24.0	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.18		23.5	0.5
100	PI/2 BPSK	135	69		22.66		24.0	0.0
100	PI/2 BPSK	135	138		22.16		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.80		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.63			
100	QPSK	135	0		22.08		23.0	1.0
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.01			
100	16QAM	1	1		22.02		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.73	22.73	22.72	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.67	22.72	22.78	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.76	22.75	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.69	22.75	22.73	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.79	22.72	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.72	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.73	22.77	22.75	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.78	22.71	24.0	0.0

Part27Q n78 PC2 Ant 5 Full Power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.67			
100	PI/2 BPSK	135	0		25.00		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.04		26.5	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.74		27.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.97		26.0	1.0
100	QPSK	135	69		25.56		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		24.84			
100	16QAM	1	1		24.82		26.0	1.0
100	64QAM	1	1		23.14		24.5	2.5
100	256QAM	1	1		21.60		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.67	25.66	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.72	25.67	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.67	25.66	25.71	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.68	25.66	25.73	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.73	25.73	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.62	25.64	25.69	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.62	25.62	25.72	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.63	25.63	25.72	27.0	0.0

Reduced Power Mode for DSI 2

n2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.27	23.30	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.32	23.29	23.24		
20	PI/2 BPSK	1	104	23.24	23.25	23.15		
20	PI/2 BPSK	50	0	23.34	23.33	23.24	24.0	0.0
20	PI/2 BPSK	50	28	23.25	23.29	23.18	24.0	0.0
20	PI/2 BPSK	50	56	23.27	23.30	23.26	24.0	0.0
20	PI/2 BPSK	100	0	23.25	23.32	23.23		
20	QPSK	1	1	23.36	23.37	23.34	24.0	0.0
20	QPSK	1	53	23.30	23.32	23.28		
20	QPSK	1	104	23.17	23.23	23.17		
20	QPSK	50	0	23.26	23.30	23.24	24.0	0.0
20	QPSK	50	28	23.27	23.33	23.21	24.0	0.0
20	QPSK	50	56	23.21	23.27	23.20	24.0	0.0
20	QPSK	100	0	23.33	23.33	23.29		
20	16QAM	1	1	23.21	23.23	23.14	24.0	0.0
20	64QAM	1	1	21.87	21.94	21.85	22.5	1.5
20	256QAM	1	1	19.93	19.93	19.85	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.28	23.26	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.25	23.29	23.23	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.26	23.23	24.0	0.0

n7 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.31	23.43	23.30	24.0	0.0
20	PI/2 BPSK	1	53	23.35	23.46	23.30		
20	PI/2 BPSK	1	104	23.41	23.50	23.27		
20	PI/2 BPSK	50	0	23.36	23.43	23.22	24.0	0.0
20	PI/2 BPSK	50	28	23.26	23.40	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.26	23.36	23.13	24.0	0.0
20	PI/2 BPSK	100	0	23.21	23.35	23.15		
20	QPSK	1	1	23.46	23.53	23.36	24.0	0.0
20	QPSK	1	53	23.41	23.46	23.21		
20	QPSK	1	104	23.27	23.42	23.28		
20	QPSK	50	0	23.30	23.38	23.17	24.0	0.0
20	QPSK	50	28	23.32	23.41	23.17	24.0	0.0
20	QPSK	50	56	23.23	23.38	23.22	24.0	0.0
20	QPSK	100	0	23.38	23.43	23.28		
20	16QAM	1	1	23.30	23.41	23.27	24.0	0.0
20	64QAM	1	1	22.28	22.38	22.18	22.5	1.5
20	256QAM	1	1	20.04	20.19	19.99	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.34	23.45	23.31	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.36	23.46	23.26	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.41	23.25	24.0	0.0

n25 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.16	23.29	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.23	23.32	23.23		
20	PI/2 BPSK	1	104	23.30	23.38	23.34		
20	PI/2 BPSK	50	0	23.30	23.35	23.23	24.0	0.0
20	PI/2 BPSK	50	28	23.19	23.35	23.32	24.0	0.0
20	PI/2 BPSK	50	56	23.15	23.30	23.28	24.0	0.0
20	PI/2 BPSK	100	0	23.23	23.32	23.22		
20	QPSK	1	1	23.28	23.39	23.35	24.0	0.0
20	QPSK	1	53	23.30	23.36	23.27		
20	QPSK	1	104	23.24	23.33	23.29		
20	QPSK	50	0	23.14	23.28	23.20	24.0	0.0
20	QPSK	50	28	23.20	23.31	23.23	24.0	0.0
20	QPSK	50	56	23.09	23.22	23.18	24.0	0.0
20	QPSK	100	0	23.18	23.32	23.23		
20	16QAM	1	1	23.25	23.38	23.29	24.0	0.0
20	64QAM	1	1	22.02	22.10	22.04	22.5	1.5
20	256QAM	1	1	19.92	19.98	19.87	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.12	23.25	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.24	23.27	24.0	0.0

n30 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.24		24.0	0.0
10	PI/2 BPSK	1	26		23.31			
10	PI/2 BPSK	1	50		23.33			
10	PI/2 BPSK	25	0		22.63		24.0	0.0
10	PI/2 BPSK	25	14		23.20		24.0	0.0
10	PI/2 BPSK	25	27		22.65		24.0	0.0
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.35		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.05		24.0	0.0
10	QPSK	25	14		23.15		24.0	0.0
10	QPSK	25	27		22.14		24.0	0.0
10	QPSK	50	0		22.22			
10	16QAM	1	1		22.36		24.0	0.0
10	64QAM	1	1		20.88		22.5	1.5
10	256QAM	1	1		18.61		20.5	3.5

n66 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.43	23.53	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.49	23.40		
20	PI/2 BPSK	1	104	23.27	23.39	23.32		
20	PI/2 BPSK	50	0	23.35	23.48	23.44	24.0	0.0
20	PI/2 BPSK	50	28	23.33	23.40	23.40	24.0	0.0
20	PI/2 BPSK	50	56	23.30	23.42	23.35	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.40	23.32		
20	QPSK	1	1	23.51	23.58	23.57	24.0	0.0
20	QPSK	1	53	23.31	23.41	23.42		
20	QPSK	1	104	23.31	23.38	23.29		
20	QPSK	50	0	23.34	23.41	23.42	24.0	0.0
20	QPSK	50	28	23.37	23.45	23.41	24.0	0.0
20	QPSK	50	56	23.33	23.43	23.42	24.0	0.0
20	QPSK	100	0	23.35	23.45	23.42		
20	16QAM	1	1	23.40	23.53	23.53	24.0	0.0
20	64QAM	1	1	22.18	22.24	22.21	22.5	1.5
20	256QAM	1	1	20.00	20.15	20.08	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.41	23.42	23.42	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.43	23.46	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.52	24.0	0.0

n2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.24	21.12	20.96	22.0	0.0
20	PI/2 BPSK	1	53	21.12	21.25	21.11		
20	PI/2 BPSK	1	104	21.12	21.18	21.06		
20	PI/2 BPSK	50	0	21.22	21.19	21.09	22.0	0.0
20	PI/2 BPSK	50	28	21.18	21.23	21.05	22.0	0.0
20	PI/2 BPSK	50	56	21.13	21.19	21.00	22.0	0.0
20	PI/2 BPSK	100	0	21.21	21.24	21.07		
20	QPSK	1	1	21.20	21.27	21.06	22.0	0.0
20	QPSK	1	53	21.21	21.15	21.12		
20	QPSK	1	104	21.14	21.21	20.97		
20	QPSK	50	0	21.15	21.19	21.08	22.0	0.0
20	QPSK	50	28	21.24	21.25	20.97	22.0	0.0
20	QPSK	50	56	21.14	21.08	20.97	22.0	0.0
20	QPSK	100	0	21.20	21.23	21.01		
20	16QAM	1	1	21.24	21.15	21.11	22.0	0.0
20	64QAM	1	1	21.12	21.18	21.04	22.0	0.0
20	256QAM	1	1	20.68	20.75	20.50	21.5	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.14	21.12	21.02	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.15	21.12	21.00	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.13	21.15	20.92	22.0	0.0

n5 Ant 1 DSI2

BW [MHz]	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	23.61	23.64	23.63	24.5	0.0
20	PI/2 BPSK	1	53	23.58	23.64	23.49		
20	PI/2 BPSK	1	104	23.53	23.53	23.44		
20	PI/2 BPSK	50	0	23.59	23.61	23.55	24.5	0.0
20	PI/2 BPSK	50	28	23.55	23.56	23.54	24.5	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.45	24.5	0.0
20	PI/2 BPSK	100	0	23.60	23.64	23.55		
20	QPSK	1	1	23.61	23.65	23.61	24.5	0.0
20	QPSK	1	53	23.60	23.63	23.50		
20	QPSK	1	104	23.39	23.46	23.37		
20	QPSK	50	0	23.59	23.61	23.54	24.5	0.0
20	QPSK	50	28	23.59	23.64	23.52	24.5	0.0
20	QPSK	50	56	23.57	23.57	23.42	24.5	0.0
20	QPSK	100	0	23.57	23.60	23.56		
20	16QAM	1	1	23.60	23.56	23.55	24.5	0.0
20	64QAM	1	1	22.35	22.36	22.30	23.0	1.5
20	256QAM	1	1	20.29	20.38	20.29	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.63	23.62	23.47	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.56	23.59	23.56	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.56	23.58	23.51	24.5	0.0

n7 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.86	18.97	18.94	19.5	0.0
20	PI/2 BPSK	1	53	18.89	18.99	18.92		
20	PI/2 BPSK	1	104	18.88	18.96	18.86		
20	PI/2 BPSK	50	0	18.93	18.92	18.87	19.5	0.0
20	PI/2 BPSK	50	28	18.90	18.99	18.85	19.5	0.0
20	PI/2 BPSK	50	56	18.88	18.92	18.95	19.5	0.0
20	PI/2 BPSK	100	0	18.91	18.98	18.85		
20	QPSK	1	1	18.87	19.05	18.86	19.5	0.0
20	QPSK	1	53	18.88	18.98	18.93		
20	QPSK	1	104	18.87	18.92	18.92		
20	QPSK	50	0	18.93	18.98	18.88	19.5	0.0
20	QPSK	50	28	18.88	19.01	18.88	19.5	0.0
20	QPSK	50	56	18.90	18.99	18.97	19.5	0.0
20	QPSK	100	0	18.95	18.96	18.88		
20	16QAM	1	1	18.92	18.96	18.90	19.5	0.0
20	64QAM	1	1	18.92	19.01	18.95	19.5	0.0
20	256QAM	1	1	18.87	18.92	18.97	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.79	18.92	18.81	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.76	18.99	18.71	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.77	18.90	18.79	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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.66	23.68	23.62	24.5	0.0
15	PI/2 BPSK	1	40	23.50	23.50	23.36		
15	PI/2 BPSK	1	77	23.44	23.54	23.44		
15	PI/2 BPSK	36	0	23.57	23.66	23.53	24.5	0.0
15	PI/2 BPSK	36	22	23.32	23.48	23.33	24.5	0.0
15	PI/2 BPSK	36	43	23.27	23.48	23.49	24.5	0.0
15	PI/2 BPSK	75	0	23.62	23.63	23.58		
15	QPSK	1	1	23.79	23.81	23.68	24.5	0.0
15	QPSK	1	40	23.65	23.65	23.58		
15	QPSK	1	77	23.48	23.57	23.38		
15	QPSK	36	0	23.67	23.62	23.63	24.5	0.0
15	QPSK	36	22	23.47	23.68	23.43	24.5	0.0
15	QPSK	36	43	23.47	23.63	23.58	24.5	0.0
15	QPSK	75	0	23.66	23.73	23.68		
15	16QAM	1	1	23.80	23.79	23.70	24.5	0.0
15	64QAM	1	1	22.25	22.34	22.32	23.0	1.5
	256QAM	1	1	20.22	20.41	20.34	21.0	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.68	23.63	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.58	23.65	23.67	24.5	0.0

n13 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.63		24.5	0.0
10	PI/2 BPSK	1	26		23.67			
10	PI/2 BPSK	1	50		23.64			
10	PI/2 BPSK	25	0		23.61		24.5	0.0
10	PI/2 BPSK	25	14		23.56		24.5	0.0
10	PI/2 BPSK	25	27		23.49		24.5	0.0
10	PI/2 BPSK	50	0		23.59			
10	QPSK	1	1		23.68		24.5	0.0
10	QPSK	1	26		23.62			
10	QPSK	1	50		23.58			
10	QPSK	25	0		23.63		24.5	0.0
10	QPSK	25	14		23.65		24.5	0.0
10	QPSK	25	27		23.53		24.5	0.0
10	QPSK	50	0		23.63			
10	16QAM	1	1		23.62		24.5	0.0
10	64QAM	1	1		22.33		23.0	1.5
10	256QAM	1	1		20.37		21.0	3.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.62	23.63	23.61	24.5	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	21.36	21.30	21.14	22.0	0.0
20	PI/2 BPSK	1	53	21.31	21.38	21.22		
20	PI/2 BPSK	1	104	21.30	21.31	21.18		
20	PI/2 BPSK	50	0	21.36	21.37	21.20	22.0	0.0
20	PI/2 BPSK	50	28	21.29	21.37	21.25	22.0	0.0
20	PI/2 BPSK	50	56	21.34	21.33	21.21	22.0	0.0
20	PI/2 BPSK	100	0	21.34	21.38	21.17		
20	QPSK	1	1	21.33	21.48	21.24	22.0	0.0
20	QPSK	1	53	21.30	21.32	21.22		
20	QPSK	1	104	21.26	21.39	21.13		
20	QPSK	50	0	21.33	21.32	21.20	22.0	0.0
20	QPSK	50	28	21.33	21.43	21.15	22.0	0.0
20	QPSK	50	56	21.29	21.29	21.17	22.0	0.0
20	QPSK	100	0	21.37	21.38	21.22		
20	16QAM	1	1	21.34	21.29	21.24	22.0	0.0
20	64QAM	1	1	21.32	21.35	21.24	22.0	0.0
20	256QAM	1	1	20.78	20.96	20.75	21.5	0.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.27	21.36	21.10	22.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.28	21.42	21.10	22.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.24	21.42	21.09	22.0	0.0

n26 Ant 1 DSI2

BW [MHz]	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	23.25	23.51	23.15	24.5	0.0
20	PI/2 BPSK	1	53	23.26	23.50	23.20		
20	PI/2 BPSK	1	104	23.47	23.64	23.34		
20	PI/2 BPSK	50	0	23.39	23.64	23.27	24.5	0.0
20	PI/2 BPSK	50	28	23.26	23.47	23.14	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.50	23.20	24.5	0.0
20	PI/2 BPSK	100	0	23.28	23.48	23.12		
20	QPSK	1	1	23.48	23.66	23.33	24.5	0.0
20	QPSK	1	53	23.41	23.62	23.29		
20	QPSK	1	104	23.32	23.52	23.13		
20	QPSK	50	0	23.37	23.52	23.22	24.5	0.0
20	QPSK	50	28	23.44	23.62	23.32	24.5	0.0
20	QPSK	50	56	23.41	23.58	23.21	24.5	0.0
20	QPSK	100	0	23.29	23.49	23.19		
20	16QAM	1	1	23.25	23.47	23.13	24.5	0.0
20	64QAM	1	1	21.93	22.19	21.85	23.0	1.5
20	256QAM	1	1	20.08	20.22	19.87	21.0	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.39	23.51	23.29	24.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.41	23.56	23.18	24.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.42	23.53	23.19	24.5	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.36		24.0	0.0
10	PI/2 BPSK	1	26		23.34			
10	PI/2 BPSK	1	50		23.29			
10	PI/2 BPSK	25	0		22.78		24.0	0.0
10	PI/2 BPSK	25	14		23.31		24.0	0.0
10	PI/2 BPSK	25	27		22.82		24.0	0.0
10	PI/2 BPSK	50	0		22.87			
10	QPSK	1	1		23.40		24.0	0.0
10	QPSK	1	26		23.23			
10	QPSK	1	50		23.32			
10	QPSK	25	0		22.26		24.0	0.0
10	QPSK	25	14		23.32		24.0	0.0
10	QPSK	25	27		22.30		24.0	0.0
10	QPSK	50	0		22.37			
10	16QAM	1	1		22.51		24.0	0.0
10	64QAM	1	1		21.05		22.5	1.5
10	256QAM	1	1		18.69		20.5	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.31	22.46	22.17	23.0	0.0
20	PI/2 BPSK	1	53	22.22	22.46	22.06		
20	PI/2 BPSK	1	104	22.25	22.50	22.05		
20	PI/2 BPSK	50	0	22.28	22.50	22.12	23.0	0.0
20	PI/2 BPSK	50	28	22.29	22.39	22.12	23.0	0.0
20	PI/2 BPSK	50	56	22.30	22.39	22.07	23.0	0.0
20	PI/2 BPSK	100	0	22.21	22.47	22.15		
20	QPSK	1	1	22.28	22.53	22.08	23.0	0.0
20	QPSK	1	53	22.29	22.40	22.09		
20	QPSK	1	104	22.32	22.43	22.10		
20	QPSK	50	0	22.27	22.42	22.10	23.0	0.0
20	QPSK	50	28	22.27	22.46	22.13	23.0	0.0
20	QPSK	50	56	22.21	22.44	22.07	23.0	0.0
20	QPSK	100	0	22.20	22.45	22.07		
20	16QAM	1	1	22.30	22.49	22.11	23.0	0.0
20	64QAM	1	1	21.79	21.93	21.60	22.5	0.5
20	256QAM	1	1	19.82	19.93	19.63	20.5	2.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.16	22.40	21.95	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.23	22.36	22.00	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.16	22.30	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.25	23.50	23.32	24.5	0.0
20	PI/2 BPSK	1	53	23.10	23.42	23.19		
20	PI/2 BPSK	1	104	23.25	23.53	23.32		
20	PI/2 BPSK	50	0	23.24	23.57	23.29	24.5	0.0
20	PI/2 BPSK	50	28	23.17	23.52	23.24	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.58	23.28	24.5	0.0
20	PI/2 BPSK	100	0	23.30	23.57	23.29		
20	QPSK	1	1	23.27	23.59	23.33	24.5	0.0
20	QPSK	1	53	23.12	23.45	23.15		
20	QPSK	1	104	23.21	23.52	23.27		
20	QPSK	50	0	23.26	23.53	23.24	24.5	0.0
20	QPSK	50	28	23.27	23.57	23.39	24.5	0.0
20	QPSK	50	56	23.24	23.51	23.26	24.5	0.0
20	QPSK	100	0	23.08	23.44	23.24		
20	16QAM	1	1	23.15	23.50	23.27	24.5	0.0
20	64QAM	1	1	21.88	22.21	21.96	23.0	1.5
20	256QAM	1	1	19.54	19.89	19.62	21.0	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.13	23.53	23.21	24.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.19	23.45	23.27	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.12	23.52	23.18	24.5	0.0

n2 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.21	23.34	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.22	23.41	23.26		
20	PI/2 BPSK	1	104	23.35	23.53	23.36		
20	PI/2 BPSK	50	0	23.22	23.40	23.30	24.0	0.0
20	PI/2 BPSK	50	28	23.40	23.55	23.46	24.0	0.0
20	PI/2 BPSK	50	56	23.35	23.51	23.34	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.32	23.23		
20	QPSK	1	1	23.41	23.58	23.42	24.0	0.0
20	QPSK	1	53	23.40	23.52	23.36		
20	QPSK	1	104	23.27	23.48	23.36		
20	QPSK	50	0	23.19	23.31	23.21	24.0	0.0
20	QPSK	50	28	23.30	23.47	23.33	24.0	0.0
20	QPSK	50	56	23.21	23.37	23.20	24.0	0.0
20	QPSK	100	0	23.27	23.41	23.23		
20	16QAM	1	1	23.16	23.36	23.23	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.93	22.5	1.5
20	256QAM	1	1	20.04	20.16	20.09	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.31	23.44	23.28	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.37	23.52	23.30	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.49	23.37	24.0	0.0

n7 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.03	22.77	24.0	0.0
20	PI/2 BPSK	1	53	23.04	23.16	22.99		
20	PI/2 BPSK	1	104	22.95	23.13	22.88		
20	PI/2 BPSK	50	0	23.06	23.20	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.03	22.76	24.0	0.0
20	PI/2 BPSK	50	56	23.03	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.22	23.06		
20	QPSK	1	1	23.14	23.33	23.07	24.0	0.0
20	QPSK	1	53	23.00	23.11	22.84		
20	QPSK	1	104	22.98	23.15	22.97		
20	QPSK	50	0	23.02	23.12	22.93	24.0	0.0
20	QPSK	50	28	23.09	23.20	23.00	24.0	0.0
20	QPSK	50	56	22.88	23.09	22.87	24.0	0.0
20	QPSK	100	0	23.00	23.16	22.90		
20	16QAM	1	1	23.03	23.24	23.08	24.0	0.0
20	64QAM	1	1	21.54	21.75	21.56	22.5	1.5
20	256QAM	1	1	19.47	19.60	19.35	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.07	23.20	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.98	23.18	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	23.21	23.00	24.0	0.0

n25 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.58	23.60	23.55	24.0	0.0
20	PI/2 BPSK	1	53	23.47	23.51	23.47		
20	PI/2 BPSK	1	104	23.43	23.51	23.39		
20	PI/2 BPSK	50	0	23.57	23.55	23.42	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.61	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.41	24.0	0.0
20	PI/2 BPSK	100	0	23.55	23.61	23.59		
20	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
20	QPSK	1	53	23.53	23.55	23.46		
20	QPSK	1	104	23.49	23.49	23.47		
20	QPSK	50	0	23.30	23.34	23.22	24.0	0.0
20	QPSK	50	28	23.56	23.59	23.50	24.0	0.0
20	QPSK	50	56	23.45	23.45	23.32	24.0	0.0
20	QPSK	100	0	23.47	23.54	23.42		
20	16QAM	1	1	23.57	23.65	23.64	24.0	0.0
20	64QAM	1	1	22.27	22.25	22.22	22.5	1.5
20	256QAM	1	1	20.12	20.19	20.16	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.57	23.63	23.45	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.54	23.62	23.44	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.55	23.54	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.12			
10	PI/2 BPSK	1	50		23.15			
10	PI/2 BPSK	25	0		22.64		23.5	0.5
10	PI/2 BPSK	25	14		23.24		24.0	0.0
10	PI/2 BPSK	25	27		22.72		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.28		24.0	0.0
10	QPSK	1	26		23.07			
10	QPSK	1	50		23.14			
10	QPSK	25	0		22.10		23.0	1.0
10	QPSK	25	14		23.23		24.0	0.0
10	QPSK	25	27		22.25		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.42		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5

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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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.60	23.73	23.63	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.63	23.47		
20	PI/2 BPSK	1	104	23.48	23.72	23.51		
20	PI/2 BPSK	50	0	23.50	23.69	23.51	24.0	0.0
20	PI/2 BPSK	50	28	23.54	23.75	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.62	23.81	23.61	24.0	0.0
20	PI/2 BPSK	100	0	23.47	23.70	23.59		
20	QPSK	1	1	23.66	23.84	23.63	24.0	0.0
20	QPSK	1	53	23.47	23.69	23.48		
20	QPSK	1	104	23.52	23.72	23.55		
20	QPSK	50	0	23.53	23.73	23.62	24.0	0.0
20	QPSK	50	28	23.65	23.80	23.61	24.0	0.0
20	QPSK	50	56	23.65	23.78	23.67	24.0	0.0
20	QPSK	100	0	23.47	23.69	23.51		
20	16QAM	1	1	23.59	23.81	23.65	24.0	0.0
20	64QAM	1	1	22.25	22.39	22.19	22.5	1.5
20	256QAM	1	1	20.11	20.32	20.12	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.60	23.68	23.55	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.61	23.70	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.56	23.75	23.58	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.86	22.92	24.0	0.0
40	PI/2 BPSK	1	53	22.77	22.87	22.90		
40	PI/2 BPSK	1	104	22.74	22.93	22.88		
40	PI/2 BPSK	50	0	22.89	23.03	22.96	24.0	0.0
40	PI/2 BPSK	50	28	22.85	23.04	22.80	24.0	0.0
40	PI/2 BPSK	50	56	22.71	22.84	22.84	24.0	0.0
40	PI/2 BPSK	100	0	22.75	22.98	22.76		
40	QPSK	1	1	22.94	23.13	22.94	24.0	0.0
40	QPSK	1	53	22.84	22.97	22.85		
40	QPSK	1	104	22.71	22.81	22.83		
40	QPSK	50	0	22.89	22.84	22.91	24.0	0.0
40	QPSK	50	28	22.93	23.09	22.81	24.0	0.0
40	QPSK	50	56	22.82	22.81	23.02	24.0	0.0
40	QPSK	100	0	22.89	22.94	22.88		
40	16QAM	1	1	22.90	22.90	22.94	24.0	0.0
40	64QAM	1	1	21.41	21.43	21.43	22.5	1.5
40	256QAM	1	1	19.37	19.59	19.51	20.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.70	22.71	22.79	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.70	22.76	22.78	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.94	23.06	22.86	24.0	0.0
100	PI/2 BPSK	1	137	22.81	22.91	22.75		
100	PI/2 BPSK	1	271	22.87	22.74	22.78		
100	PI/2 BPSK	135	0	23.03	22.94	22.65	24.0	0.0
100	PI/2 BPSK	135	69	22.93	22.95	22.65	24.0	0.0
100	PI/2 BPSK	135	138	23.03	22.79	22.79	24.0	0.0
100	PI/2 BPSK	270	0	22.94	22.88	22.79		
100	QPSK	1	1	23.11	23.15	23.08	24.0	0.0
100	QPSK	1	137	22.89	22.96	22.89		
100	QPSK	1	271	22.81	22.84	22.68		
100	QPSK	135	0	22.92	22.91	22.74	24.0	0.0
100	QPSK	135	69	22.87	22.95	22.76	24.0	0.0
100	QPSK	135	138	22.86	22.83	22.67	24.0	0.0
100	QPSK	270	0	23.03	23.05	22.71		
100	16QAM	1	1	22.86	22.83	22.72	24.0	0.0
100	64QAM	1	1	21.55	21.67	21.57	22.5	1.5
100	256QAM	1	1	19.45	19.65	19.60	20.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.91	23.02	22.82	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.85	22.95	23.00	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.93	23.00	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.00	23.06	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.86	22.98	22.92	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.94	22.94	23.02	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.82	22.99	22.83	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.86	22.95	22.80	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.76	25.97	25.88	27.0	0.0
100	PI/2 BPSK	1	137	26.27	26.49	26.45		
100	PI/2 BPSK	1	271	26.10	26.15	26.10		
100	PI/2 BPSK	135	0	25.75	25.89	25.87	26.5	0.5
100	PI/2 BPSK	135	69	26.25	26.45	26.33	27.0	0.0
100	PI/2 BPSK	135	138	25.74	25.92	25.88	26.5	0.5
100	PI/2 BPSK	270	0	25.93	25.96	25.76		
100	QPSK	1	1	26.45	26.55	26.53	27.0	0.0
100	QPSK	1	137	26.53	26.54	26.36		
100	QPSK	1	271	25.17	25.32	25.19		
100	QPSK	135	0	24.95	25.12	25.07	26.0	1.0
100	QPSK	135	69	26.33	26.49	26.32	27.0	0.0
100	QPSK	135	138	24.79	24.86	24.78	26.0	1.0
100	QPSK	270	0	24.87	25.01	24.82		
100	16QAM	1	1	25.50	25.51	25.39	26.0	1.0
100	64QAM	1	1	23.92	24.01	23.90	24.5	2.5
100	256QAM	1	1	22.16	22.21	22.08	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.36	26.50	26.46	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.46	26.48	26.43	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.51	26.48	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.44	26.48	26.51	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.51	26.47	26.34	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.35	26.48	26.50	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.46	26.54	26.44	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.47	26.49	27.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.61	19.71	19.44	20.5	0.0
40	PI/2 BPSK	1	53	19.58	19.65	19.47		
40	PI/2 BPSK	1	104	19.67	19.70	19.40		
40	PI/2 BPSK	50	0	19.56	19.64	19.49	20.5	0.0
40	PI/2 BPSK	50	28	19.49	19.52	19.65	20.5	0.0
40	PI/2 BPSK	50	56	19.57	19.61	19.43	20.5	0.0
40	PI/2 BPSK	100	0	19.55	19.64	19.42		
40	QPSK	1	1	19.71	19.77	19.61	20.5	0.0
40	QPSK	1	53	19.64	19.73	19.51		
40	QPSK	1	104	19.56	19.68	19.51		
40	QPSK	50	0	19.66	19.68	19.53	20.5	0.0
40	QPSK	50	28	19.64	19.73	19.49	20.5	0.0
40	QPSK	50	56	19.41	19.56	19.66	20.5	0.0
40	QPSK	100	0	19.46	19.59	19.45		
40	16QAM	1	1	19.63	19.62	19.49	20.5	0.0
40	64QAM	1	1	19.58	19.69	19.49	20.5	0.0
40	256QAM	1	1	19.64	19.70	19.64	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.74	19.74	19.53	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.73	19.76	19.54	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.66	19.80	19.55	20.5	0.0
100	PI/2 BPSK	1	137	19.68	19.76	19.60		
100	PI/2 BPSK	1	271	19.73	19.75	19.52		
100	PI/2 BPSK	135	0	19.64	19.76	19.62	20.5	0.0
100	PI/2 BPSK	135	69	19.58	19.59	19.76	20.5	0.0
100	PI/2 BPSK	135	138	19.72	19.67	19.54	20.5	0.0
100	PI/2 BPSK	270	0	19.69	19.80	19.49		
100	QPSK	1	1	19.80	19.85	19.75	20.5	0.0
100	QPSK	1	137	19.80	19.82	19.66		
100	QPSK	1	271	19.67	19.77	19.64		
100	QPSK	135	0	19.70	19.78	19.61	20.5	0.0
100	QPSK	135	69	19.79	19.80	19.58	20.5	0.0
100	QPSK	135	138	19.46	19.66	19.79	20.5	0.0
100	QPSK	270	0	19.54	19.66	19.50		
100	16QAM	1	1	19.76	19.67	19.60	20.5	0.0
100	64QAM	1	1	19.64	19.80	19.61	20.5	0.0
100	256QAM	1	1	19.49	19.71	19.70	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.69	19.77	19.60	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.71	19.76	19.57	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.72	19.81	19.53	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.72	19.71	19.56	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.65	19.71	19.55	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.72	19.75	19.56	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.64	19.70	19.58	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.67	19.77	19.61	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.49	22.55	22.46	23.5	0.0
100	PI/2 BPSK	1	137	22.63	22.77	22.75		
100	PI/2 BPSK	1	271	22.30	22.57	22.53		
100	PI/2 BPSK	135	0	22.47	22.57	22.37	23.5	0.0
100	PI/2 BPSK	135	69	22.50	22.58	22.41	23.5	0.0
100	PI/2 BPSK	135	138	22.62	22.76	22.76	23.5	0.0
100	PI/2 BPSK	270	0	22.36	22.49	22.46		
100	QPSK	1	1	22.67	22.83	22.68	23.5	0.0
100	QPSK	1	137	22.69	22.79	22.68		
100	QPSK	1	271	22.60	22.64	22.58		
100	QPSK	135	0	22.45	22.52	22.46	23.5	0.0
100	QPSK	135	69	22.71	22.79	22.74	23.5	0.0
100	QPSK	135	138	22.32	22.55	22.44	23.5	0.0
100	QPSK	270	0	22.53	22.56	22.45		
100	16QAM	1	1	22.73	22.75	22.72	23.5	0.0
100	64QAM	1	1	22.62	22.73	22.72	23.5	0.0
100	256QAM	1	1	21.52	21.61	21.50	22.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.57	22.61	22.60	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.57	22.67	22.66	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.56	22.59	22.59	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.59	22.63	22.61	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.52	22.56	22.63	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.54	22.58	22.58	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.58	22.57	22.64	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.56	22.68	22.66	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.68	23.72	23.62	25.0	0.0
40	PI/2 BPSK	1	53	23.54	23.65	23.66		
40	PI/2 BPSK	1	104	23.55	23.67	23.55		
40	PI/2 BPSK	50	0	23.58	23.64	23.63	25.0	0.0
40	PI/2 BPSK	50	28	23.57	23.58	23.56	25.0	0.0
40	PI/2 BPSK	50	56	23.55	23.59	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.50	23.63	23.45		
40	QPSK	1	1	23.77	23.81	23.71	25.0	0.0
40	QPSK	1	53	23.70	23.71	23.68		
40	QPSK	1	104	23.66	23.73	23.54		
40	QPSK	50	0	23.70	23.69	23.57	25.0	0.0
40	QPSK	50	28	23.49	23.72	23.55	25.0	0.0
40	QPSK	50	56	23.58	23.57	23.57	25.0	0.0
40	QPSK	100	0	23.48	23.63	23.42		
40	16QAM	1	1	23.68	23.76	23.65	25.0	0.0
40	64QAM	1	1	22.22	22.39	22.36	23.5	1.5
40	256QAM	1	1	20.19	20.28	20.19	21.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.70	23.80	23.73	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.67	23.79	23.72	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	23.34	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.55	23.52		
100	PI/2 BPSK	1	271	23.37	23.47	23.49		
100	PI/2 BPSK	135	0	23.44	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.62	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.55	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.52	23.71	23.71		
100	QPSK	1	1	23.52	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.60	23.80	23.61		
100	QPSK	1	271	23.58	23.61	23.47		
100	QPSK	135	0	23.45	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.24	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.46	23.59	23.58		
100	16QAM	1	1	23.54	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.01	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.08	20.08	19.89	21.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.63	23.63	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.54	23.74	23.51	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.41	23.77	23.59	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.34	23.66	23.59	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.40	23.65	23.52	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.45	23.64	23.49	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.67	23.60	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.34	23.64	23.51	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	26.14	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.50	26.52	26.48		
100	PI/2 BPSK	1	271	26.45	26.47	26.48		
100	PI/2 BPSK	135	0	25.73	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.76	25.96	25.77		
100	QPSK	1	1	26.47	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.23	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.11	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.40	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.92	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.04	25.23	25.17		
100	16QAM	1	1	24.49	24.51	24.41	26.0	1.0
100	64QAM	1	1	22.91	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.09	21.19	21.10	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.26	26.53	26.54	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.43	26.51	26.51	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.64	26.46	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.39	26.59	26.39	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.44	26.45	26.36	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.27	26.58	26.54	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.35	26.52	26.49	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.60	26.32	27.0	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.54	23.55	23.52		
100	PI/2 BPSK	1	271	23.44	23.47	23.49		
100	PI/2 BPSK	135	0	23.51	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.65	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.55	23.71	23.71		
100	QPSK	1	1	23.75	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.71	23.80	23.61		
100	QPSK	1	271	23.60	23.61	23.47		
100	QPSK	135	0	23.53	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.27	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.50	23.59	23.58		
100	16QAM	1	1	23.62	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.07	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.07	20.08	19.89	21.5	3.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	23.65	23.71	23.77	25.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	23.62	23.78	23.70	25.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	23.69	23.74	23.75	25.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	23.65	23.77	23.67	25.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	23.67	23.75	23.76	25.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	23.70	23.72	23.77	25.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	23.69	23.74	23.70	25.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	23.68	23.78	23.70	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	26.18	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.51	26.52	26.48		
100	PI/2 BPSK	1	271	26.53	26.47	26.48		
100	PI/2 BPSK	135	0	25.76	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.80	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.78	25.96	25.77		
100	QPSK	1	1	26.52	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.30	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.19	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.44	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.96	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.11	25.23	25.17		
100	16QAM	1	1	24.55	24.51	24.41	26.0	1.0
100	64QAM	1	1	23.01	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.08	21.19	21.10	22.5	4.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	26.44	26.55	26.44	27.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	26.51	26.62	26.52	27.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	26.42	26.58	26.46	27.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	26.47	26.63	26.46	27.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	26.44	26.59	26.47	27.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	26.44	26.61	26.46	27.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	26.46	26.59	26.50	27.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	26.49	26.57	26.47	27.0	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	22.63	22.92	22.77	24.0	0.0
100	PI/2 BPSK	1	137	22.53	22.76	22.66		
100	PI/2 BPSK	1	271	22.58	22.86	22.75		
100	PI/2 BPSK	135	0	22.31	22.48	22.38	23.5	0.5
100	PI/2 BPSK	135	69	22.59	22.77	22.70	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.52	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.51	22.39		
100	QPSK	1	1	22.73	23.13	22.88	24.0	0.0
100	QPSK	1	137	22.58	22.79	22.66		
100	QPSK	1	271	22.74	22.89	22.78		
100	QPSK	135	0	22.40	22.55	22.42	23.5	0.5
100	QPSK	135	69	22.66	22.85	22.72	24.0	0.0
100	QPSK	135	138	22.33	22.57	22.47	23.5	0.5
100	QPSK	270	0	22.37	22.55	22.42		
100	16QAM	1	1	22.61	22.85	22.75	24.0	0.0
100	64QAM	1	1	20.64	20.81	20.69	21.5	2.5
100	256QAM	1	1	19.18	19.39	19.28	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.70	22.92	22.80	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.66	22.92	22.86	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.69	22.93	22.84	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.66	22.91	22.80	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.65	22.94	22.80	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.68	22.92	22.86	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.67	22.95	22.83	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.71	22.92	22.85	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.17	26.40	26.31	27.0	0.0
100	PI/2 BPSK	1	137	25.98	26.25	26.12		
100	PI/2 BPSK	1	271	26.03	26.34	26.22		
100	PI/2 BPSK	135	0	25.79	25.99	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.09	26.26	26.15	27.0	0.0
100	PI/2 BPSK	135	138	25.82	26.06	25.94	26.5	0.5
100	PI/2 BPSK	270	0	25.88	26.01	25.86		
100	QPSK	1	1	26.24	26.44	26.42	27.0	0.0
100	QPSK	1	137	26.15	26.31	26.36		
100	QPSK	1	271	26.17	26.38	26.32		
100	QPSK	135	0	25.21	25.41	25.39	26.0	1.0
100	QPSK	135	69	26.13	26.35	26.27	27.0	0.0
100	QPSK	135	138	25.27	25.39	25.44	26.0	1.0
100	QPSK	270	0	25.27	25.48	25.38		
100	16QAM	1	1	25.28	25.52	25.45	26.0	1.0
100	64QAM	1	1	23.72	23.97	23.89	24.5	2.5
100	256QAM	1	1	21.78	21.97	21.96	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.15	26.41	26.30	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.21	26.41	26.30	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.12	26.35	26.31	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.17	26.41	26.30	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.15	26.35	26.36	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.21	26.34	26.36	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.19	26.35	26.30	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.11	26.33	26.30	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.61		24.0	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.12		23.5	0.5
100	PI/2 BPSK	135	69		22.59		24.0	0.0
100	PI/2 BPSK	135	138		22.08		23.5	0.5
100	PI/2 BPSK	270	0		22.09			
100	QPSK	1	1		22.72		24.0	0.0
100	QPSK	1	137		22.64			
100	QPSK	1	271		22.61			
100	QPSK	135	0		22.20		23.5	0.5
100	QPSK	135	69		22.68		24.0	0.0
100	QPSK	135	138		22.24		23.5	0.5
100	QPSK	270	0		22.25			
100	16QAM	1	1		22.32		24.0	0.0
100	64QAM	1	1		20.66		21.5	2.5
100	256QAM	1	1		19.04		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.59	22.63	22.59	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.55	22.69	22.63	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.53	22.68	22.64	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.55	22.61	22.65	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.53	22.71	22.64	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.59	22.69	22.62	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.54	22.65	22.62	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.54	22.67	22.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.62		27.0	0.0
100	PI/2 BPSK	1	137		25.61			
100	PI/2 BPSK	1	271		25.72			
100	PI/2 BPSK	135	0		25.18		26.5	0.5
100	PI/2 BPSK	135	69		25.63		27.0	0.0
100	PI/2 BPSK	135	138		25.09		26.5	0.5
100	PI/2 BPSK	270	0		25.08			
100	QPSK	1	1		25.74		27.0	0.0
100	QPSK	1	137		25.69			
100	QPSK	1	271		25.60			
100	QPSK	135	0		24.76		26.0	1.0
100	QPSK	135	69		25.71		27.0	0.0
100	QPSK	135	138		24.65		26.0	1.0
100	QPSK	270	0		24.72			
100	16QAM	1	1		24.63		26.0	1.0
100	64QAM	1	1		23.18		24.5	2.5
100	256QAM	1	1		21.23		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.64	25.70	25.65	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.59	25.69	25.64	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.61	25.61	25.59	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.58	25.64	25.64	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.61	25.66	25.66	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.58	25.67	25.63	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.64	25.68	25.60	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.63	25.63	25.65	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.58		24.0	0.0
100	PI/2 BPSK	1	137		22.61			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.15		23.5	0.5
100	PI/2 BPSK	135	69		22.41		24.0	0.0
100	PI/2 BPSK	135	138		22.21		23.5	0.5
100	PI/2 BPSK	270	0		22.16			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.49			
100	QPSK	1	271		22.59			
100	QPSK	135	0		22.00		23.0	1.0
100	QPSK	135	69		22.48		24.0	0.0
100	QPSK	135	138		21.98		23.0	1.0
100	QPSK	270	0		22.00			
100	16QAM	1	1		21.88		23.0	1.0
100	64QAM	1	1		20.27		21.5	2.5
100	256QAM	1	1		19.16		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.42	22.56	22.52	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.37	22.58	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.35	22.57	22.51	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.33	22.61	22.50	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.39	22.61	22.48	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.36	22.58	22.50	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.38	22.56	22.48	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.36	22.62	22.48	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.01		27.0	0.0
100	PI/2 BPSK	1	137		26.04			
100	PI/2 BPSK	1	271		25.88			
100	PI/2 BPSK	135	0		25.58		26.5	0.5
100	PI/2 BPSK	135	69		25.86		27.0	0.0
100	PI/2 BPSK	135	138		25.58		26.5	0.5
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		26.09		27.0	0.0
100	QPSK	1	137		25.89			
100	QPSK	1	271		25.98			
100	QPSK	135	0		25.04		26.0	1.0
100	QPSK	135	69		25.84		27.0	0.0
100	QPSK	135	138		25.07		26.0	1.0
100	QPSK	270	0		25.01			
100	16QAM	1	1		25.03		26.0	1.0
100	64QAM	1	1		23.04		24.5	2.5
100	256QAM	1	1		21.56		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.80	25.93	25.87	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.87	26.01	25.89	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.86	25.96	25.95	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.86	25.96	25.88	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.81	25.99	25.94	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.87	25.95	25.93	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.85	25.98	25.95	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.81	25.92	25.92	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.60		24.0	0.0
100	PI/2 BPSK	1	137		22.61			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.11		23.5	0.5
100	PI/2 BPSK	135	69		22.60		24.0	0.0
100	PI/2 BPSK	135	138		22.04		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.64		24.0	0.0
100	QPSK	1	137		22.61			
100	QPSK	1	271		22.58			
100	QPSK	135	0		22.14		23.5	0.5
100	QPSK	135	69		22.63		24.0	0.0
100	QPSK	135	138		22.25		23.5	0.5
100	QPSK	270	0		22.20			
100	16QAM	1	1		22.27		24.0	0.0
100	64QAM	1	1		20.59		21.5	2.5
100	256QAM	1	1		18.99		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.53	22.63	22.59	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.55	22.61	22.60	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.52	22.58	22.57	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.58	22.63	22.56	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.52	22.62	22.54	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.54	22.62	22.57	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.60	22.63	22.60	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.56	22.57	22.55	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.58		27.0	0.0
100	PI/2 BPSK	1	137		25.59			
100	PI/2 BPSK	1	271		25.66			
100	PI/2 BPSK	135	0		25.12		26.5	0.5
100	PI/2 BPSK	135	69		25.57		27.0	0.0
100	PI/2 BPSK	135	138		25.05		26.5	0.5
100	PI/2 BPSK	270	0		25.07			
100	QPSK	1	1		25.70		27.0	0.0
100	QPSK	1	137		25.66			
100	QPSK	1	271		25.54			
100	QPSK	135	0		24.72		26.0	1.0
100	QPSK	135	69		25.66		27.0	0.0
100	QPSK	135	138		24.61		26.0	1.0
100	QPSK	270	0		24.64			
100	16QAM	1	1		24.62		26.0	1.0
100	64QAM	1	1		23.15		24.5	2.5
100	256QAM	1	1		21.21		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.63	25.65	25.63	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.61	25.64	25.65	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.64	25.62	25.65	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.62	25.67	25.67	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.65	25.62	25.67	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.61	25.65	25.61	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.58	25.66	25.58	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.62	25.64	25.59	27.0	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	23.09	23.35	23.20	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.24	23.16		
100	PI/2 BPSK	1	271	23.13	23.27	23.24		
100	PI/2 BPSK	135	0	22.80	22.88	22.85	23.5	0.5
100	PI/2 BPSK	135	69	23.09	23.21	23.20	24.0	0.0
100	PI/2 BPSK	135	138	22.88	22.93	22.84	23.5	0.5
100	PI/2 BPSK	270	0	22.86	22.91	22.81		
100	QPSK	1	1	23.20	23.44	23.28	24.0	0.0
100	QPSK	1	137	23.08	23.24	23.15		
100	QPSK	1	271	23.27	23.34	23.18		
100	QPSK	135	0	22.16	22.18	22.08	23.0	1.0
100	QPSK	135	69	23.18	23.31	23.20	24.0	0.0
100	QPSK	135	138	22.16	22.10	22.15	23.0	1.0
100	QPSK	270	0	22.17	22.20	22.14		
100	16QAM	1	1	22.07	22.09	22.11	23.0	1.0
100	64QAM	1	1	21.02	21.18	21.09	21.5	2.5
100	256QAM	1	1	19.03	19.07	19.08	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.36	23.22	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.17	23.41	23.21	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.36	23.24	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.40	23.20	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.34	23.27	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.21	23.34	23.28	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.40	23.23	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.20	23.34	23.22	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.08	26.35	26.22	27.0	0.0
100	PI/2 BPSK	1	137	26.05	26.22	26.19		
100	PI/2 BPSK	1	271	26.17	26.28	26.27		
100	PI/2 BPSK	135	0	25.87	25.86	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.09	26.28	26.24	27.0	0.0
100	PI/2 BPSK	135	138	25.92	25.92	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.84	25.98	25.88		
100	QPSK	1	1	26.24	26.43	26.26	27.0	0.0
100	QPSK	1	137	26.17	26.27	26.12		
100	QPSK	1	271	26.33	26.34	26.22		
100	QPSK	135	0	25.18	25.16	25.08	26.0	1.0
100	QPSK	135	69	26.25	26.32	26.25	27.0	0.0
100	QPSK	135	138	25.23	25.07	25.22	26.0	1.0
100	QPSK	270	0	25.22	25.25	25.13		
100	16QAM	1	1	25.11	25.09	25.12	26.0	1.0
100	64QAM	1	1	24.03	24.21	24.09	24.5	2.5
100	256QAM	1	1	22.01	22.09	22.16	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.21	26.38	26.23	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.20	26.39	26.27	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.21	26.42	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.20	26.42	26.24	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1		26.38	26.20	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.15	26.39	26.28	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.25	26.40	26.26	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.16	26.42	26.26	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.79		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.93			
100	PI/2 BPSK	135	0		22.27		23.5	0.5
100	PI/2 BPSK	135	69		22.75		24.0	0.0
100	PI/2 BPSK	135	138		22.25		23.5	0.5
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.96		24.0	0.0
100	QPSK	1	137		22.81			
100	QPSK	1	271		22.76			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.83		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		22.01		23.0	1.0
100	64QAM	1	1		20.57		21.5	2.5
100	256QAM	1	1		18.68		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.79	22.84	22.83	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.78	22.84	22.82	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.86	22.82	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.74	22.78	22.78	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.78	22.79	22.76	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.82	22.85	22.79	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.76	22.78	22.80	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.78	22.75	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79		27.0	0.0
100	PI/2 BPSK	1	137		25.76			
100	PI/2 BPSK	1	271		25.92			
100	PI/2 BPSK	135	0		25.28		26.5	0.5
100	PI/2 BPSK	135	69		25.81		27.0	0.0
100	PI/2 BPSK	135	138		25.23		26.5	0.5
100	PI/2 BPSK	270	0		25.28			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.85			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.10		26.0	1.0
100	QPSK	135	69		25.84		27.0	0.0
100	QPSK	135	138		25.07		26.0	1.0
100	QPSK	270	0		25.07			
100	16QAM	1	1		25.06		26.0	1.0
100	64QAM	1	1		23.56		24.5	2.5
100	256QAM	1	1		21.75		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.87	25.92	25.88	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.83	25.92	25.91	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.88	25.90	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.87	25.85	25.91	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.92	25.80	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.87	25.92	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.78	25.84	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.78	25.83	25.81	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.30		24.0	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		22.87		23.5	0.5
100	PI/2 BPSK	135	69		23.08		24.0	0.0
100	PI/2 BPSK	135	138		22.92		23.5	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.23			
100	QPSK	1	271		23.26			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		23.17		24.0	0.0
100	QPSK	135	138		22.27		23.0	1.0
100	QPSK	270	0		22.18			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.94		21.5	2.5
100	256QAM	1	1		19.02		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.13	23.21	23.26	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.15	23.26	23.24	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.31	23.18	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.17	23.27	23.25	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.09	23.29	23.18	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.09	23.23	23.19	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.11	23.31	23.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.13	23.27	23.17	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.29		27.0	0.0
100	PI/2 BPSK	1	137		26.20			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		25.97		27.0	0.0
100	PI/2 BPSK	135	138		25.89		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.35		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.22			
100	QPSK	135	0		25.15		26.0	1.0
100	QPSK	135	69		26.10		27.0	0.0
100	QPSK	135	138		25.21		26.0	1.0
100	QPSK	270	0		25.13			
100	16QAM	1	1		24.85		26.0	1.0
100	64QAM	1	1		23.85		24.5	2.5
100	256QAM	1	1		21.94		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.09	26.15	26.13	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.08	26.18	26.21	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.03	26.12	26.24	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.09	26.11	26.21	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.12	26.13	26.13	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.02	26.14	26.21	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.09	26.19	26.20	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.08	26.19	26.18	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.70		24.0	0.0
100	PI/2 BPSK	1	137		22.71			
100	PI/2 BPSK	1	271		22.84			
100	PI/2 BPSK	135	0		22.25		23.5	0.5
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.26		23.5	0.5
100	PI/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.94		24.0	0.0
100	QPSK	1	137		22.74			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.78		24.0	0.0
100	QPSK	135	138		22.07		23.0	1.0
100	QPSK	270	0		22.07			
100	16QAM	1	1		21.97		23.0	1.0
100	64QAM	1	1		20.48		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.84	22.85	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.80	22.77	22.80	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.74	22.76	22.85	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.77	22.85	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.74	22.81	22.74	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.86	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.84	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.76	22.82	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.66			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.18		26.5	0.5
100	PI/2 BPSK	135	69		25.78		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.23			
100	QPSK	1	1		25.96		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.69			
100	QPSK	135	0		25.06		26.0	1.0
100	QPSK	135	69		25.74		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.07		26.0	1.0
100	64QAM	1	1		23.53		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.84	25.79	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.77	25.85	25.87	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.86	25.85	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.85	25.89	25.83	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.87	25.93	25.77	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.83	25.84	25.81	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.86	25.87	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.85	25.87	25.86	27.0	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	24.09	24.56	24.46	25.0	0.0
100	PI/2 BPSK	1	137	24.07	24.42	24.34		
100	PI/2 BPSK	1	271	24.16	24.44	24.43		
100	PI/2 BPSK	135	0	23.77	24.17	24.09	24.5	0.5
100	PI/2 BPSK	135	69	24.11	24.38	24.38	25.0	0.0
100	PI/2 BPSK	135	138	23.86	24.14	24.09	24.5	0.5
100	PI/2 BPSK	270	0	23.89	24.08	23.97		
100	QPSK	1	1	24.20	24.69	24.43	25.0	0.0
100	QPSK	1	137	24.14	24.43	24.30		
100	QPSK	1	271	24.25	24.52	24.40		
100	QPSK	135	0	23.17	23.30	23.31	24.0	1.0
100	QPSK	135	69	24.17	24.52	24.35	25.0	0.0
100	QPSK	135	138	23.20	23.26	23.23	24.0	1.0
100	QPSK	270	0	23.14	23.18	23.10		
100	16QAM	1	1	23.13	23.21	23.20	24.0	1.0
100	64QAM	1	1	22.02	22.12	22.06	22.5	2.5
100	256QAM	1	1	20.06	20.26	20.29	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.20	24.65	24.38	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.16	24.67	24.45	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.13	24.66	24.39	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.18	24.64	24.38	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.22	24.67	24.44	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.11	24.65	24.34	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.13	24.67	24.40	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.14	24.61	24.40	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	26.37	26.27	27.0	0.0
100	PI/2 BPSK	1	137	25.86	26.28	26.12		
100	PI/2 BPSK	1	271	25.97	26.28	26.22		
100	PI/2 BPSK	135	0	25.55	25.96	25.88	26.5	0.5
100	PI/2 BPSK	135	69	25.89	26.23	26.16	27.0	0.0
100	PI/2 BPSK	135	138	25.61	25.94	25.91	26.5	0.5
100	PI/2 BPSK	270	0	25.71	25.87	25.82		
100	QPSK	1	1	25.95	26.54	26.26	27.0	0.0
100	QPSK	1	137	25.92	26.21	26.10		
100	QPSK	1	271	26.06	26.33	26.15		
100	QPSK	135	0	24.99	25.15	25.16	26.0	1.0
100	QPSK	135	69	25.93	26.38	26.20	27.0	0.0
100	QPSK	135	138	25.00	25.05	25.04	26.0	1.0
100	QPSK	270	0	24.99	25.03	24.95		
100	16QAM	1	1	24.96	25.04	24.95	26.0	1.0
100	64QAM	1	1	23.82	23.86	23.81	24.5	2.5
100	256QAM	1	1	21.87	22.07	22.05	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.96	26.51	26.27	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.91	26.49	26.27	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.92	26.45	26.21	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.43	26.18	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.90	26.45	26.18	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.94	26.45	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.93	26.48	26.22	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.93	26.46	26.20	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.88		25.0	0.0
100	PI/2 BPSK	1	137		23.86			
100	PI/2 BPSK	1	271		23.97			
100	PI/2 BPSK	135	0		23.68		24.5	0.5
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.63		24.5	0.5
100	PI/2 BPSK	270	0		23.58			
100	QPSK	1	1		24.06		25.0	0.0
100	QPSK	1	137		23.94			
100	QPSK	1	271		23.87			
100	QPSK	135	0		22.59		24.0	1.0
100	QPSK	135	69		23.92		25.0	0.0
100	QPSK	135	138		22.61		24.0	1.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.77		24.0	1.0
100	64QAM	1	1		21.12		22.5	2.5
100	256QAM	1	1		19.43		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.87	23.97	23.99	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.87	23.89	23.90	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.84	23.92	23.95	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.84	23.89	23.93	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.89	23.98	23.92	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.90	23.99	23.91	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.90	23.94	23.91	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.94	23.91	23.88	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.75		27.0	0.0
100	PI/2 BPSK	1	137		25.77			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.57		26.5	0.5
100	PI/2 BPSK	135	69		25.73		27.0	0.0
100	PI/2 BPSK	135	138		25.58		26.5	0.5
100	PI/2 BPSK	270	0		25.50			
100	QPSK	1	1		25.97		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.50		26.0	1.0
100	QPSK	135	69		25.77		27.0	0.0
100	QPSK	135	138		24.49		26.0	1.0
100	QPSK	270	0		24.60			
100	16QAM	1	1		24.60		26.0	1.0
100	64QAM	1	1		23.00		24.5	2.5
100	256QAM	1	1		21.35		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.91	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.82	25.92	25.94	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.74	25.92	25.86	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.72	25.83	25.88	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.81	25.92	25.95	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.74	25.86	25.86	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.77	25.84	25.88	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.79	25.83	25.89	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.14		24.0	0.0
100	PI/2 BPSK	1	137		23.05			
100	PI/2 BPSK	1	271		22.95			
100	PI/2 BPSK	135	0		22.61		23.5	0.5
100	PI/2 BPSK	135	69		22.84		24.0	0.0
100	PI/2 BPSK	135	138		22.73		23.5	0.5
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		22.98			
100	QPSK	1	271		23.01			
100	QPSK	135	0		22.02		23.0	1.0
100	QPSK	135	69		22.92		24.0	0.0
100	QPSK	135	138		22.01		23.0	1.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.82		23.0	1.0
100	64QAM	1	1		20.64		21.5	2.5
100	256QAM	1	1		18.72		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.12	23.19	23.24	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.11	23.18	23.21	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.09	23.23	23.21	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.10	23.18	23.21	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.10	23.16	23.24	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.14	23.25	23.25	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.15	23.25	23.24	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.14	23.21	23.20	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.40		27.0	0.0
100	PI/2 BPSK	1	137		25.28			
100	PI/2 BPSK	1	271		25.23			
100	PI/2 BPSK	135	0		24.88		26.5	0.5
100	PI/2 BPSK	135	69		25.13		27.0	0.0
100	PI/2 BPSK	135	138		24.93		26.5	0.5
100	PI/2 BPSK	270	0		24.93			
100	QPSK	1	1		25.58		27.0	0.0
100	QPSK	1	137		25.25			
100	QPSK	1	271		25.27			
100	QPSK	135	0		24.23		26.0	1.0
100	QPSK	135	69		25.12		27.0	0.0
100	QPSK	135	138		24.28		26.0	1.0
100	QPSK	270	0		24.23			
100	16QAM	1	1		24.06		26.0	1.0
100	64QAM	1	1		22.93		24.5	2.5
100	256QAM	1	1		20.97		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.39	25.42	25.44	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.41	25.43	25.54	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.36	25.46	25.56	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.40	25.50	25.51	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.36	25.48	25.52	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.40	25.40	25.45	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.40	25.51	25.54	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.43	25.47	25.54	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.30		24.0	0.0
100	PI/2 BPSK	1	137		23.23			
100	PI/2 BPSK	1	271		23.40			
100	PI/2 BPSK	135	0		23.02		23.5	0.5
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		22.97		23.5	0.5
100	PI/2 BPSK	270	0		23.02			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.32			
100	QPSK	1	271		23.23			
100	QPSK	135	0		21.93		23.0	1.0
100	QPSK	135	69		23.36		24.0	0.0
100	QPSK	135	138		21.99		23.0	1.0
100	QPSK	270	0		22.06			
100	16QAM	1	1		22.01		23.0	1.0
100	64QAM	1	1		20.54		21.5	2.5
100	256QAM	1	1		18.83		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.29	23.39	23.38	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.28	23.35	23.37	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.25	23.28	23.35	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.30	23.29	23.40	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.23	23.30	23.30	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.30	23.36	23.36	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.28	23.37	23.38	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.34	23.30	23.39	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.49		27.0	0.0
100	PI/2 BPSK	1	137		25.46			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.23		26.5	0.5
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		25.20		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.58		27.0	0.0
100	QPSK	1	137		25.53			
100	QPSK	1	271		25.44			
100	QPSK	135	0		24.09		26.0	1.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		24.16		26.0	1.0
100	QPSK	270	0		24.21			
100	16QAM	1	1		24.24		26.0	1.0
100	64QAM	1	1		22.81		24.5	2.5
100	256QAM	1	1		21.05		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.37	25.48	25.49	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.37	25.47	25.43	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.35	25.42	25.49	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.33	25.43	25.39	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.44	25.44	25.46	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.34	25.44	25.43	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.34	25.48	25.49	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.42	25.46	25.45	27.0	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	21.86	22.09	22.05	23.0	0.0
100	PI/2 BPSK	1	137	21.84	22.05	21.94		
100	PI/2 BPSK	1	271	21.88	22.09	22.01		
100	PI/2 BPSK	135	0	21.84	22.11	21.98	23.0	0.0
100	PI/2 BPSK	135	69	21.85	22.05	21.95	23.0	0.0
100	PI/2 BPSK	135	138	21.81	22.13	21.96	23.0	0.0
100	PI/2 BPSK	270	0	21.88	22.07	22.05		
100	QPSK	1	1	21.90	22.20	22.06	23.0	0.0
100	QPSK	1	137	21.86	22.06	21.92		
100	QPSK	1	271	22.04	22.04	22.05		
100	QPSK	135	0	21.93	22.09	22.09	23.0	0.0
100	QPSK	135	69	21.89	22.13	22.08	23.0	0.0
100	QPSK	135	138	22.08	22.07	22.04	23.0	0.0
100	QPSK	270	0	21.97	22.11	22.03		
100	16QAM	1	1	21.99	22.08	21.96	23.0	0.0
100	64QAM	1	1	20.80	20.94	20.81	21.5	1.5
100	256QAM	1	1	19.00	19.08	19.06	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.09	22.07	21.99	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.03	22.10	22.05	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.13	22.01	21.97	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.11	22.05	22.03	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.05	22.05	22.06	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.08	22.11	21.99	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.04	22.06	22.04	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.07	22.03	22.03	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.89	25.00	24.96	26.0	0.0
100	PI/2 BPSK	1	137	24.81	25.04	24.96		
100	PI/2 BPSK	1	271	24.87	25.00	25.02		
100	PI/2 BPSK	135	0	24.87	24.99	25.01	26.0	0.0
100	PI/2 BPSK	135	69	24.79	24.99	24.92	26.0	0.0
100	PI/2 BPSK	135	138	24.85	25.02	24.97	26.0	0.0
100	PI/2 BPSK	270	0	24.89	25.06	24.95		
100	QPSK	1	1	24.89	25.15	24.99	26.0	0.0
100	QPSK	1	137	24.86	25.02	24.81		
100	QPSK	1	271	25.10	25.09	25.05		
100	QPSK	135	0	24.84	25.02	25.01	26.0	0.0
100	QPSK	135	69	24.85	25.08	24.86	26.0	0.0
100	QPSK	135	138	24.97	25.03	24.94	26.0	0.0
100	QPSK	270	0	25.09	25.10	25.02		
100	16QAM	1	1	25.06	25.11	25.05	26.0	0.0
100	64QAM	1	1	23.71	23.84	23.70	24.5	1.5
100	256QAM	1	1	21.96	21.97	22.00	22.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.91	25.08	24.94	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.86	25.05	24.98	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.89	25.07	24.93	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.86	25.04	24.92	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.92	25.01	24.92	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.84	25.10	24.99	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.82	25.02	25.00	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.90	25.02	24.97	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.78		23.0	0.0
100	PI/2 BPSK	1	137		21.68			
100	PI/2 BPSK	1	271		21.77			
100	PI/2 BPSK	135	0		21.71		23.0	0.0
100	PI/2 BPSK	135	69		21.69		23.0	0.0
100	PI/2 BPSK	135	138		21.78		23.0	0.0
100	PI/2 BPSK	270	0		21.68			
100	QPSK	1	1		21.89		23.0	0.0
100	QPSK	1	137		21.64			
100	QPSK	1	271		21.71			
100	QPSK	135	0		21.75		23.0	0.0
100	QPSK	135	69		21.85		23.0	0.0
100	QPSK	135	138		21.80		23.0	0.0
100	QPSK	270	0		21.71			
100	16QAM	1	1		21.72		23.0	0.0
100	64QAM	1	1		20.42		21.5	1.5
100	256QAM	1	1		18.77		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.74	21.79	21.84	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.74	21.81	21.80	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.77	21.83	21.80	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.76	21.81	21.79	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.76	21.83	21.83	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.74	21.82	21.81	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.81	21.80	21.86	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.80	21.79	21.86	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.74		26.0	0.0
100	PI/2 BPSK	1	137		24.71			
100	PI/2 BPSK	1	271		24.85			
100	PI/2 BPSK	135	0		24.77		26.0	0.0
100	PI/2 BPSK	135	69		24.73		26.0	0.0
100	PI/2 BPSK	135	138		24.85		26.0	0.0
100	PI/2 BPSK	270	0		24.80			
100	QPSK	1	1		24.90		26.0	0.0
100	QPSK	1	137		24.69			
100	QPSK	1	271		24.68			
100	QPSK	135	0		24.79		26.0	0.0
100	QPSK	135	69		24.85		26.0	0.0
100	QPSK	135	138		24.81		26.0	0.0
100	QPSK	270	0		24.83			
100	16QAM	1	1		24.84		26.0	0.0
100	64QAM	1	1		23.36		24.5	1.5
100	256QAM	1	1		21.67		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.81	24.83	24.83	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.78	24.82	24.84	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.81	24.85	24.83	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.77	24.83	24.86	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.76	24.85	24.82	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.82	24.78	24.84	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.82	24.85	24.82	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.85	24.78	24.83	26.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.14		23.0	0.0
100	PI/2 BPSK	1	137		22.12			
100	PI/2 BPSK	1	271		22.00			
100	PI/2 BPSK	135	0		22.17		23.0	0.0
100	PI/2 BPSK	135	69		22.12		23.0	0.0
100	PI/2 BPSK	135	138		21.97		23.0	0.0
100	PI/2 BPSK	270	0		22.01			
100	QPSK	1	1		22.18		23.0	0.0
100	QPSK	1	137		22.04			
100	QPSK	1	271		22.05			
100	QPSK	135	0		22.09		23.0	0.0
100	QPSK	135	69		22.17		23.0	0.0
100	QPSK	135	138		21.99		23.0	0.0
100	QPSK	270	0		22.04			
100	16QAM	1	1		22.01		23.0	0.0
100	64QAM	1	1		20.69		21.5	1.5
100	256QAM	1	1		18.78		19.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.01	22.16	22.08	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.08	22.14	22.09	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.07	22.12	22.06	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.02	22.15	22.11	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.00	22.15	22.13	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.01	22.10	22.13	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.07	22.08	22.10	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.08	22.15	22.10	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.06		26.0	0.0
100	PI/2 BPSK	1	137		24.93			
100	PI/2 BPSK	1	271		24.88			
100	PI/2 BPSK	135	0		25.03		26.0	0.0
100	PI/2 BPSK	135	69		24.97		26.0	0.0
100	PI/2 BPSK	135	138		24.92		26.0	0.0
100	PI/2 BPSK	270	0		24.98			
100	QPSK	1	1		25.07		26.0	0.0
100	QPSK	1	137		24.86			
100	QPSK	1	271		24.85			
100	QPSK	135	0		24.93		26.0	0.0
100	QPSK	135	69		25.02		26.0	0.0
100	QPSK	135	138		24.90		26.0	0.0
100	QPSK	270	0		25.02			
100	16QAM	1	1		25.01		26.0	0.0
100	64QAM	1	1		23.71		24.5	1.5
100	256QAM	1	1		21.73		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.91	24.92	24.94	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.95	24.99	24.91	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.93	24.98	24.95	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.97	24.97	24.97	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.91	24.95	24.91	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.95	24.93	24.96	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.89	24.96	24.97	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.97	25.00	24.92	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.66		23.0	0.0
100	PI/2 BPSK	1	137		21.60			
100	PI/2 BPSK	1	271		21.63			
100	PI/2 BPSK	135	0		21.63		23.0	0.0
100	PI/2 BPSK	135	69		21.62		23.0	0.0
100	PI/2 BPSK	135	138		21.63		23.0	0.0
100	PI/2 BPSK	270	0		21.56			
100	QPSK	1	1		21.81		23.0	0.0
100	QPSK	1	137		21.53			
100	QPSK	1	271		21.59			
100	QPSK	135	0		21.66		23.0	0.0
100	QPSK	135	69		21.78		23.0	0.0
100	QPSK	135	138		21.71		23.0	0.0
100	QPSK	270	0		21.59			
100	16QAM	1	1		21.60		23.0	0.0
100	64QAM	1	1		20.28		21.5	1.5
100	256QAM	1	1		18.62		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.59	21.68	21.70	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.66	21.73	21.73	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.61	21.69	21.71	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.62	21.70	21.69	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.62	21.73	21.77	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.59	21.66	21.73	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.68	21.71	21.70	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.65	21.69	21.77	23.0	0.0

Part27Q n78 PC2 Ant 5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.67		26.0	0.0
100	PI/2 BPSK	1	137		24.64			
100	PI/2 BPSK	1	271		24.73			
100	PI/2 BPSK	135	0		24.66		26.0	0.0
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		24.76		26.0	0.0
100	PI/2 BPSK	270	0		24.73			
100	QPSK	1	1		24.78		26.0	0.0
100	QPSK	1	137		24.55			
100	QPSK	1	271		24.56			
100	QPSK	135	0		24.70		26.0	0.0
100	QPSK	135	69		24.74		26.0	0.0
100	QPSK	135	138		24.72		26.0	0.0
100	QPSK	270	0		24.74			
100	16QAM	1	1		24.68		26.0	0.0
100	64QAM	1	1		23.31		24.5	1.5
100	256QAM	1	1		21.57		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.70	24.74	24.71	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.66	24.74	24.71	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.74	24.68	24.68	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.72	24.70	24.73	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.71	24.76	24.71	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.74	24.76	24.72	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.66	24.76	24.70	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.76	24.68	24.72	26.0	0.0

Reduced Power Mode for DSI 2 Simultaneous

n2 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.10	19.32	19.03	20.0	0.0
20	PI/2 BPSK	1	53	19.17	19.20	19.02		
20	PI/2 BPSK	1	104	19.20	19.27	18.96		
20	PI/2 BPSK	50	0	19.22	19.27	19.05	20.0	0.0
20	PI/2 BPSK	50	28	19.18	19.18	19.05	20.0	0.0
20	PI/2 BPSK	50	56	19.13	19.17	19.02	20.0	0.0
20	PI/2 BPSK	100	0	19.08	19.30	19.05		
20	QPSK	1	1	19.20	19.35	19.13	20.0	0.0
20	QPSK	1	53	19.24	19.25	19.15		
20	QPSK	1	104	19.15	19.30	18.94		
20	QPSK	50	0	19.16	19.23	19.08	20.0	0.0
20	QPSK	50	28	19.21	19.32	19.07	20.0	0.0
20	QPSK	50	56	19.13	19.25	19.02	20.0	0.0
20	QPSK	100	0	19.15	19.23	18.94		
20	16QAM	1	1	19.03	19.16	18.94	20.0	0.0
20	64QAM	1	1	19.13	19.22	18.95	20.0	0.0
20	256QAM	1	1	19.07	19.18	18.96	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.18	19.31	19.19	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.15	19.32	19.17	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.24	19.29	19.12	20.0	0.0

n7 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.00	17.06	16.98	17.5	0.0
20	PI/2 BPSK	1	53	17.01	17.05	17.04		
20	PI/2 BPSK	1	104	16.95	17.06	16.94		
20	PI/2 BPSK	50	0	17.04	16.98	16.93	17.5	0.0
20	PI/2 BPSK	50	28	16.95	17.10	16.98	17.5	0.0
20	PI/2 BPSK	50	56	16.92	17.04	17.01	17.5	0.0
20	PI/2 BPSK	100	0	16.97	17.12	16.92		
20	QPSK	1	1	16.92	17.14	16.95	17.5	0.0
20	QPSK	1	53	16.94	17.02	17.06		
20	QPSK	1	104	16.98	16.97	17.03		
20	QPSK	50	0	16.98	17.08	17.01	17.5	0.0
20	QPSK	50	28	16.92	17.13	16.96	17.5	0.0
20	QPSK	50	56	17.01	17.11	17.04	17.5	0.0
20	QPSK	100	0	17.02	17.05	17.00		
20	16QAM	1	1	17.05	17.03	17.03	17.5	0.0
20	64QAM	1	1	16.98	17.10	17.09	17.5	0.0
20	256QAM	1	1	16.98	17.04	17.06	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.96	17.02	17.06	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.00	17.01	17.06	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.98	17.07	17.04	17.5	0.0

n25 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	19.34	19.53	19.27	20.0	0.0
20	PI/2 BPSK	1	53	19.35	19.40	19.26		
20	PI/2 BPSK	1	104	19.35	19.49	19.17		
20	PI/2 BPSK	50	0	19.38	19.51	19.26	20.0	0.0
20	PI/2 BPSK	50	28	19.36	19.36	19.28	20.0	0.0
20	PI/2 BPSK	50	56	19.28	19.40	19.20	20.0	0.0
20	PI/2 BPSK	100	0	19.33	19.48	19.23		
20	QPSK	1	1	19.40	19.55	19.35	20.0	0.0
20	QPSK	1	53	19.44	19.41	19.34		
20	QPSK	1	104	19.34	19.46	19.19		
20	QPSK	50	0	19.36	19.41	19.30	20.0	0.0
20	QPSK	50	28	19.38	19.52	19.30	20.0	0.0
20	QPSK	50	56	19.32	19.48	19.18	20.0	0.0
20	QPSK	100	0	19.33	19.47	19.18		
20	16QAM	1	1	19.27	19.39	19.17	20.0	0.0
20	64QAM	1	1	19.36	19.46	19.14	20.0	0.0
20	256QAM	1	1	19.30	19.42	19.14	20.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.28	19.42	19.18	20.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.34	19.46	19.19	20.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.33	19.40	19.21	20.0	0.0

n30 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.45		23.0	0.0
10	PI/2 BPSK	1	26		22.28			
10	PI/2 BPSK	1	50		22.35			
10	PI/2 BPSK	25	0		21.33		23.0	0.0
10	PI/2 BPSK	25	14		22.35		23.0	0.0
10	PI/2 BPSK	25	27		21.35		23.0	0.0
10	PI/2 BPSK	50	0		21.37			
10	QPSK	1	1		22.47		23.0	0.0
10	QPSK	1	26		22.30			
10	QPSK	1	50		22.41			
10	QPSK	25	0		21.32		23.0	0.0
10	QPSK	25	14		22.36		23.0	0.0
10	QPSK	25	27		21.30		23.0	0.0
10	QPSK	50	0		21.40			
10	16QAM	1	1		21.41		23.0	0.0
10	64QAM	1	1		21.05		22.5	0.5
10	256QAM	1	1		18.69		20.5	2.5

n66 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.34	20.53	20.18	21.0	0.0
20	PI/2 BPSK	1	53	20.38	20.50	20.13		
20	PI/2 BPSK	1	104	20.34	20.49	20.14		
20	PI/2 BPSK	50	0	20.32	20.56	20.15	21.0	0.0
20	PI/2 BPSK	50	28	20.29	20.48	20.16	21.0	0.0
20	PI/2 BPSK	50	56	20.38	20.47	20.18	21.0	0.0
20	PI/2 BPSK	100	0	20.34	20.47	20.15		
20	QPSK	1	1	20.34	20.60	20.27	21.0	0.0
20	QPSK	1	53	20.42	20.51	20.16		
20	QPSK	1	104	20.44	20.53	20.22		
20	QPSK	50	0	20.34	20.51	20.16	21.0	0.0
20	QPSK	50	28	20.37	20.55	20.10	21.0	0.0
20	QPSK	50	56	20.39	20.51	20.14	21.0	0.0
20	QPSK	100	0	20.32	20.42	20.18		
20	16QAM	1	1	20.38	20.43	20.17	21.0	0.0
20	64QAM	1	1	20.36	20.49	20.13	21.0	0.0
20	256QAM	1	1	19.82	19.93	19.63	20.5	0.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.37	20.44	20.15	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.31	20.46	20.10	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.31	20.49	20.18	21.0	0.0

n2 Ant 2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.00	21.10	21.11	21.5	0.0
20	PI/2 BPSK	1	53	21.09	21.09	21.00		
20	PI/2 BPSK	1	104	21.26	21.12	21.05		
20	PI/2 BPSK	50	0	21.22	21.03	21.04	21.5	0.0
20	PI/2 BPSK	50	28	21.15	21.17	21.25	21.5	0.0
20	PI/2 BPSK	50	56	21.03	21.09	21.13	21.5	0.0
20	PI/2 BPSK	100	0	21.14	21.06	21.14		
20	QPSK	1	1	21.17	21.32	21.18	21.5	0.0
20	QPSK	1	53	21.07	21.09	21.01		
20	QPSK	1	104	21.11	21.19	21.16		
20	QPSK	50	0	21.10	21.16	21.22	21.5	0.0
20	QPSK	50	28	21.12	21.28	21.16	21.5	0.0
20	QPSK	50	56	21.23	21.09	21.06	21.5	0.0
20	QPSK	100	0	21.02	21.25	20.88		
20	16QAM	1	1	21.02	21.13	20.92	21.5	0.0
20	64QAM	1	1	21.14	21.01	20.99	21.5	0.0
20	256QAM	1	1	20.12	20.13	20.05	20.5	1.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.15	21.15	21.08	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.13	21.20	21.16	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.24	21.19	21.08	21.5	0.0

n25 Ant 2 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	21.15	21.15	21.21	21.5	0.0
20	PI/2 BPSK	1	53	21.15	21.25	21.10		
20	PI/2 BPSK	1	104	21.31	21.25	21.10		
20	PI/2 BPSK	50	0	21.26	21.12	21.07	21.5	0.0
20	PI/2 BPSK	50	28	21.17	21.32	21.28	21.5	0.0
20	PI/2 BPSK	50	56	21.25	21.12	21.29	21.5	0.0
20	PI/2 BPSK	100	0	21.29	21.20	21.21		
20	QPSK	1	1	21.30	21.33	21.27	21.5	0.0
20	QPSK	1	53	21.27	21.30	21.09		
20	QPSK	1	104	21.30	21.30	21.18		
20	QPSK	50	0	21.29	21.22	21.26	21.5	0.0
20	QPSK	50	28	21.18	21.32	21.17	21.5	0.0
20	QPSK	50	56	21.24	21.22	21.20	21.5	0.0
20	QPSK	100	0	21.20	21.21	21.10		
20	16QAM	1	1	21.19	21.31	21.12	21.5	0.0
20	64QAM	1	1	21.22	21.19	21.16	21.5	0.0
20	256QAM	1	1	20.12	20.19	20.16	20.5	1.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.25	21.23	21.24	21.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.17	21.17	21.20	21.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.23	21.14	21.09	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.74	22.88	22.91	23.0	0.0
20	PI/2 BPSK	1	53	22.88	22.84	22.79		
20	PI/2 BPSK	1	104	22.91	22.82	22.82		
20	PI/2 BPSK	50	0	22.90	22.69	22.72	23.0	0.0
20	PI/2 BPSK	50	28	22.86	22.78	22.85	23.0	0.0
20	PI/2 BPSK	50	56	22.84	22.90	22.75	23.0	0.0
20	PI/2 BPSK	100	0	22.73	22.79	22.71		
20	QPSK	1	1	22.81	22.93	22.83	23.0	0.0
20	QPSK	1	53	22.88	22.76	22.79		
20	QPSK	1	104	22.71	22.86	22.90		
20	QPSK	50	0	22.89	22.80	22.69	23.0	0.0
20	QPSK	50	28	22.78	22.91	22.89	23.0	0.0
20	QPSK	50	56	22.76	22.78	22.83	23.0	0.0
20	QPSK	100	0	22.80	22.82	22.80		
20	16QAM	1	1	22.92	22.81	22.87	23.0	0.0
20	64QAM	1	1	22.25	22.39	22.19	22.5	0.5
20	256QAM	1	1	20.11	20.32	20.12	20.5	2.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.70	22.83	22.89	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.81	22.90	22.91	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.76	22.85	22.84	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.64	17.78	17.59	18.5	0.0
40	PI/2 BPSK	1	53	17.65	17.79	17.55		
40	PI/2 BPSK	1	104	17.75	17.75	17.48		
40	PI/2 BPSK	50	0	17.63	17.76	17.64	18.5	0.0
40	PI/2 BPSK	50	28	17.56	17.57	17.72	18.5	0.0
40	PI/2 BPSK	50	56	17.72	17.72	17.50	18.5	0.0
40	PI/2 BPSK	100	0	17.72	17.78	17.52		
40	QPSK	1	1	17.78	17.88	17.70	18.5	0.0
40	QPSK	1	53	17.84	17.82	17.71		
40	QPSK	1	104	17.71	17.73	17.63		
40	QPSK	50	0	17.73	17.75	17.66	18.5	0.0
40	QPSK	50	28	17.84	17.85	17.52	18.5	0.0
40	QPSK	50	56	17.41	17.62	17.74	18.5	0.0
40	QPSK	100	0	17.56	17.63	17.49		
40	16QAM	1	1	17.72	17.65	17.62	18.5	0.0
40	64QAM	1	1	17.65	17.75	17.63	18.5	0.0
40	256QAM	1	1	17.50	17.73	17.75	18.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.74	17.87	17.48	18.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.67	17.77	17.56	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.79	17.90	17.61	18.5	0.0
100	PI/2 BPSK	1	137	17.72	17.86	17.72		
100	PI/2 BPSK	1	271	17.87	17.84	17.62		
100	PI/2 BPSK	135	0	17.80	17.81	17.67	18.5	0.0
100	PI/2 BPSK	135	69	17.72	17.66	17.84	18.5	0.0
100	PI/2 BPSK	135	138	17.79	17.72	17.68	18.5	0.0
100	PI/2 BPSK	270	0	17.74	17.95	17.63		
100	QPSK	1	1	17.84	18.00	17.88	18.5	0.0
100	QPSK	1	137	17.90	17.87	17.71		
100	QPSK	1	271	17.83	17.88	17.73		
100	QPSK	135	0	17.76	17.83	17.76	18.5	0.0
100	QPSK	135	69	17.85	17.87	17.72	18.5	0.0
100	QPSK	135	138	17.56	17.73	17.79	18.5	0.0
100	QPSK	270	0	17.65	17.78	17.63		
100	16QAM	1	1	17.84	17.71	17.75	18.5	0.0
100	64QAM	1	1	17.80	17.91	17.66	18.5	0.0
100	256QAM	1	1	17.64	17.77	17.77	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.73	17.79	17.48	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.70	17.80	17.54	18.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.67	17.86	17.57	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.78	17.80	17.53	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.73	17.81	17.54	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.76	17.79	17.54	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.66	17.86	17.56	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.77	17.75	17.54	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.54	20.70	20.56	21.5	0.0
100	PI/2 BPSK	1	137	20.68	20.83	20.82		
100	PI/2 BPSK	1	271	20.45	20.69	20.64		
100	PI/2 BPSK	135	0	20.58	20.68	20.51	21.5	0.0
100	PI/2 BPSK	135	69	20.60	20.65	20.56	21.5	0.0
100	PI/2 BPSK	135	138	20.73	20.81	20.90	21.5	0.0
100	PI/2 BPSK	270	0	20.44	20.61	20.61		
100	QPSK	1	1	20.75	20.92	20.80	21.5	0.0
100	QPSK	1	137	20.75	20.91	20.83		
100	QPSK	1	271	20.70	20.72	20.65		
100	QPSK	135	0	20.54	20.57	20.57	21.5	0.0
100	QPSK	135	69	20.77	20.87	20.85	21.5	0.0
100	QPSK	135	138	20.42	20.59	20.49	21.5	0.0
100	QPSK	270	0	20.65	20.66	20.57		
100	16QAM	1	1	20.83	20.90	20.83	21.5	0.0
100	64QAM	1	1	20.77	20.88	20.76	21.5	0.0
100	256QAM	1	1	20.73	20.87	20.84	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.69	20.90	20.89	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.79	20.88	20.88	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.74	20.90	20.88	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.68	20.91	20.83	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.77	20.87	20.87	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.67	20.85	20.84	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.70	20.83	20.88	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.73	20.82	20.90	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.37	18.66	18.72	19.5	0.0
100	PI/2 BPSK	1	137	18.43	18.59	18.48		
100	PI/2 BPSK	1	271	18.49	18.65	18.63		
100	PI/2 BPSK	135	0	18.56	18.67	18.52	19.5	0.0
100	PI/2 BPSK	135	69	18.47	18.57	18.57	19.5	0.0
100	PI/2 BPSK	135	138	18.54	18.71	18.59	19.5	0.0
100	PI/2 BPSK	270	0	18.41	18.54	18.75		
100	QPSK	1	1	18.50	18.84	18.68	19.5	0.0
100	QPSK	1	137	18.38	18.50	18.42		
100	QPSK	1	271	18.63	18.70	18.70		
100	QPSK	135	0	18.61	18.76	18.61	19.5	0.0
100	QPSK	135	69	18.61	18.81	18.68	19.5	0.0
100	QPSK	135	138	18.55	18.67	18.54	19.5	0.0
100	QPSK	270	0	18.61	18.62	18.55		
100	16QAM	1	1	18.62	18.66	18.62	19.5	0.0
100	64QAM	1	1	18.56	18.67	18.58	19.5	0.0
100	256QAM	1	1	18.45	18.54	18.64	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.34	18.75	18.57	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.38	18.54	18.54	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.40	18.67	18.64	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.52	18.58	18.72	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.35	18.72	18.76	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.54	18.61	18.55	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.36	18.58	18.73	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.34	18.58	18.72	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	21.24	21.45	21.57	22.5	0.0
100	PI/2 BPSK	1	137	21.36	21.52	21.44		
100	PI/2 BPSK	1	271	21.37	21.59	21.34		
100	PI/2 BPSK	135	0	21.48	21.62	21.37	22.5	0.0
100	PI/2 BPSK	135	69	21.33	21.60	21.49	22.5	0.0
100	PI/2 BPSK	135	138	21.41	21.78	21.41	22.5	0.0
100	PI/2 BPSK	270	0	21.54	21.43	21.64		
100	QPSK	1	1	21.53	21.80	21.64	22.5	0.0
100	QPSK	1	137	21.52	21.43	21.49		
100	QPSK	1	271	21.59	21.60	21.63		
100	QPSK	135	0	21.58	21.58	21.52	22.5	0.0
100	QPSK	135	69	21.58	21.64	21.60	22.5	0.0
100	QPSK	135	138	21.44	21.51	21.58	22.5	0.0
100	QPSK	270	0	21.57	21.59	21.55		
100	16QAM	1	1	21.45	21.42	21.54	22.5	0.0
100	64QAM	1	1	21.50	21.55	21.55	22.5	0.0
100	256QAM	1	1	21.45	21.63	21.47	22.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.37	21.53	21.50	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.40	21.55	21.56	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.32	21.49	21.66	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.41	21.40	21.67	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.33	21.42	21.66	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.32	21.62	21.58	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.30	21.54	21.61	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.33	21.44	21.60	22.5	0.0

Part27Q n77 Ant 5 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.42		19.5	0.0
100	PI/2 BPSK	1	137		18.31			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.32		19.5	0.0
100	PI/2 BPSK	135	69		18.32		19.5	0.0
100	PI/2 BPSK	135	138		18.49		19.5	0.0
100	PI/2 BPSK	270	0		18.19			
100	QPSK	1	1		18.55		19.5	0.0
100	QPSK	1	137		18.24			
100	QPSK	1	271		18.16			
100	QPSK	135	0		18.37		19.5	0.0
100	QPSK	135	69		18.50		19.5	0.0
100	QPSK	135	138		18.42		19.5	0.0
100	QPSK	270	0		18.40			
100	16QAM	1	1		18.48		19.5	0.0
100	64QAM	1	1		18.26		19.5	0.0
100	256QAM	1	1		18.37		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.22	18.31	18.27	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.31	18.28	18.36	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.17	18.31	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.29	18.26	18.27	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.20	18.31	18.25	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.34	18.37	18.28	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.31	18.39	18.24	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.39	18.39	18.22	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.43		22.5	0.0
100	PI/2 BPSK	1	137		21.06			
100	PI/2 BPSK	1	271		21.22			
100	PI/2 BPSK	135	0		21.17		22.5	0.0
100	PI/2 BPSK	135	69		21.26		22.5	0.0
100	PI/2 BPSK	135	138		21.36		22.5	0.0
100	PI/2 BPSK	270	0		21.30			
100	QPSK	1	1		21.46		22.5	0.0
100	QPSK	1	137		21.05			
100	QPSK	1	271		21.23			
100	QPSK	135	0		21.25		22.5	0.0
100	QPSK	135	69		21.44		22.5	0.0
100	QPSK	135	138		21.22		22.5	0.0
100	QPSK	270	0		21.28			
100	16QAM	1	1		21.27		22.5	0.0
100	64QAM	1	1		21.23		22.5	0.0
100	256QAM	1	1		21.36		22.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.36	21.42	21.38	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.39	21.34	21.27	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.45	21.40	21.34	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.26	21.45	21.34	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.29	21.30	21.43	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.43	21.31	21.42	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.41	21.28	21.39	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.45	21.33	21.45	22.5	0.0

Part27O n78 Ant 5 DSI2 Simultaneous

BW [MHz]	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		18.72		19.5	0.0
100	PI/2 BPSK	1	137		18.69			
100	PI/2 BPSK	1	271		18.67			
100	PI/2 BPSK	135	0		18.40		19.5	0.0
100	PI/2 BPSK	135	69		18.64		19.5	0.0
100	PI/2 BPSK	135	138		18.57		19.5	0.0
100	PI/2 BPSK	270	0		18.45			
100	QPSK	1	1		18.78		19.5	0.0
100	QPSK	1	137		18.67			
100	QPSK	1	271		18.66			
100	QPSK	135	0		18.42		19.5	0.0
100	QPSK	135	69		18.73		19.5	0.0
100	QPSK	135	138		18.71		19.5	0.0
100	QPSK	270	0		18.47			
100	16QAM	1	1		18.52		19.5	0.0
100	64QAM	1	1		18.66		19.5	0.0
100	256QAM	1	1		18.49		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.59	18.74	18.73	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.75	18.62	18.69	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.62	18.77	18.61	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.57	18.69	18.66	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.70	18.68	18.75	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.59	18.75	18.76	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.67	18.62	18.68	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.66	18.68	18.59	19.5	0.0

Part27O n78 PC2 Ant 5 DSI2 Simultaneous

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.60		22.5	0.0
100	PI/2 BPSK	1	137		21.50			
100	PI/2 BPSK	1	271		21.33			
100	PI/2 BPSK	135	0		21.29		22.5	0.0
100	PI/2 BPSK	135	69		21.38		22.5	0.0
100	PI/2 BPSK	135	138		21.39		22.5	0.0
100	PI/2 BPSK	270	0		21.37			
100	QPSK	1	1		21.62		22.5	0.0
100	QPSK	1	137		21.60			
100	QPSK	1	271		21.31			
100	QPSK	135	0		21.30		22.5	0.0
100	QPSK	135	69		21.56		22.5	0.0
100	QPSK	135	138		21.51		22.5	0.0
100	QPSK	270	0		21.39			
100	16QAM	1	1		21.45		22.5	0.0
100	64QAM	1	1		21.61		22.5	0.0
100	256QAM	1	1		21.44		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.37	21.50	21.33	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.49	21.47	21.46	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.54	21.48	21.52	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.52	21.46	21.49	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.44	21.36	21.32	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.36	21.55	21.36	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.40	21.53	21.38	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.38	21.51	21.55	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.36		19.5	0.0
100	PI/2 BPSK	1	137		18.27			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.29		19.5	0.0
100	PI/2 BPSK	135	69		18.44		19.5	0.0
100	PI/2 BPSK	135	138		18.39		19.5	0.0
100	PI/2 BPSK	270	0		18.12			
100	QPSK	1	1		18.67		19.5	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.30		19.5	0.0
100	QPSK	135	69		18.31		19.5	0.0
100	QPSK	135	138		18.30		19.5	0.0
100	QPSK	270	0		18.23			
100	16QAM	1	1		18.18		19.5	0.0
100	64QAM	1	1		18.30		19.5	0.0
100	256QAM	1	1		18.62		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.39	18.44	18.39	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.24	18.31	18.22	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.30	18.46	18.29	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.41	18.26	18.42	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.35	18.34	18.30	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.30	18.32	18.33	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.40	18.33	18.42	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.30	18.27	18.38	19.5	0.0

Part27Q n78 PC2 Ant 5 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.30		22.5	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.35			
100	PI/2 BPSK	135	0		21.13		22.5	0.0
100	PI/2 BPSK	135	69		21.26		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.40		22.5	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.23			
100	QPSK	135	0		21.24		22.5	0.0
100	QPSK	135	69		21.29		22.5	0.0
100	QPSK	135	138		21.22		22.5	0.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.23		22.5	0.0
100	64QAM	1	1		21.09		22.5	0.0
100	256QAM	1	1		21.26		22.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.37	21.27	21.26	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.37	21.37	21.38	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.24	21.30	21.34	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.31	21.21	21.38	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.21	21.36	21.26	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.25	21.34	21.39	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.32	21.34	21.27	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.38	21.27	21.20	22.5	0.0

Reduced Power Mode for DSI 6&7

n2 Ant 0 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.27	23.30	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.32	23.29	23.24		
20	PI/2 BPSK	1	104	23.24	23.25	23.15		
20	PI/2 BPSK	50	0	23.34	23.33	23.24	24.0	0.0
20	PI/2 BPSK	50	28	23.25	23.29	23.18	24.0	0.0
20	PI/2 BPSK	50	56	23.27	23.30	23.26	24.0	0.0
20	PI/2 BPSK	100	0	23.25	23.32	23.23		
20	QPSK	1	1	23.36	23.37	23.34	24.0	0.0
20	QPSK	1	53	23.30	23.32	23.28		
20	QPSK	1	104	23.17	23.23	23.17		
20	QPSK	50	0	23.26	23.30	23.24	24.0	0.0
20	QPSK	50	28	23.27	23.33	23.21	24.0	0.0
20	QPSK	50	56	23.21	23.27	23.20	24.0	0.0
20	QPSK	100	0	23.33	23.33	23.29		
20	16QAM	1	1	23.21	23.23	23.14	24.0	0.0
20	64QAM	1	1	21.87	21.94	21.85	22.5	1.5
20	256QAM	1	1	19.93	19.93	19.85	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.28	23.26	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.25	23.29	23.23	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.26	23.23	24.0	0.0

n7 Ant 0 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.97	22.03	21.82	22.5	0.0
20	PI/2 BPSK	1	53	22.02	22.09	21.88		
20	PI/2 BPSK	1	104	22.01	22.05	21.82		
20	PI/2 BPSK	50	0	21.92	22.08	21.90	22.5	0.0
20	PI/2 BPSK	50	28	21.94	22.04	21.82	22.5	0.0
20	PI/2 BPSK	50	56	21.91	22.07	21.91	22.5	0.0
20	PI/2 BPSK	100	0	21.95	22.08	21.91		
20	QPSK	1	1	22.01	22.13	21.86	22.5	0.0
20	QPSK	1	53	21.92	22.00	21.83		
20	QPSK	1	104	21.98	22.08	21.83		
20	QPSK	50	0	21.94	22.07	21.87	22.5	0.0
20	QPSK	50	28	21.99	22.10	21.91	22.5	0.0
20	QPSK	50	56	21.92	22.09	21.81	22.5	0.0
20	QPSK	100	0	21.98	22.00	21.89		
20	16QAM	1	1	21.96	21.99	21.84	22.5	0.0
20	64QAM	1	1	21.96	22.08	21.89	22.5	0.0
20	256QAM	1	1	20.07	20.02	19.83	20.5	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.91	21.97	21.81	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.94	21.90	21.73	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.92	21.89	21.71	22.5	0.0

n25 Ant 0 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.16	23.29	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.23	23.32	23.23		
20	PI/2 BPSK	1	104	23.30	23.38	23.34		
20	PI/2 BPSK	50	0	23.30	23.35	23.23	24.0	0.0
20	PI/2 BPSK	50	28	23.19	23.35	23.32	24.0	0.0
20	PI/2 BPSK	50	56	23.15	23.30	23.28	24.0	0.0
20	PI/2 BPSK	100	0	23.23	23.32	23.22		
20	QPSK	1	1	23.28	23.39	23.35	24.0	0.0
20	QPSK	1	53	23.30	23.36	23.27		
20	QPSK	1	104	23.24	23.33	23.29		
20	QPSK	50	0	23.14	23.28	23.20	24.0	0.0
20	QPSK	50	28	23.20	23.31	23.23	24.0	0.0
20	QPSK	50	56	23.09	23.22	23.18	24.0	0.0
20	QPSK	100	0	23.18	23.32	23.23		
20	16QAM	1	1	23.25	23.38	23.29	24.0	0.0
20	64QAM	1	1	22.02	22.10	22.04	22.5	1.5
20	256QAM	1	1	19.92	19.98	19.87	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.12	23.25	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.24	23.27	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.88		22.5	0.0
10	PI/2 BPSK	1	26		21.81			
10	PI/2 BPSK	1	50		21.80			
10	PI/2 BPSK	25	0		21.91		22.5	0.0
10	PI/2 BPSK	25	14		21.84		22.5	0.0
10	PI/2 BPSK	25	27		21.82		22.5	0.0
10	PI/2 BPSK	50	0		21.89			
10	QPSK	1	1		21.95		22.5	0.0
10	QPSK	1	26		21.91			
10	QPSK	1	50		21.79			
10	QPSK	25	0		21.90		22.5	0.0
10	QPSK	25	14		21.91		22.5	0.0
10	QPSK	25	27		21.89		22.5	0.0
10	QPSK	50	0		21.83			
10	16QAM	1	1		21.91		22.5	0.0
10	64QAM	1	1		21.86		22.5	0.0
10	256QAM	1	1		19.81		20.5	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.43	23.53	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.49	23.40		
20	PI/2 BPSK	1	104	23.27	23.39	23.32		
20	PI/2 BPSK	50	0	23.35	23.48	23.44	24.0	0.0
20	PI/2 BPSK	50	28	23.33	23.40	23.40	24.0	0.0
20	PI/2 BPSK	50	56	23.30	23.42	23.35	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.40	23.32		
20	QPSK	1	1	23.51	23.58	23.57	24.0	0.0
20	QPSK	1	53	23.31	23.41	23.42		
20	QPSK	1	104	23.31	23.38	23.29		
20	QPSK	50	0	23.34	23.41	23.42	24.0	0.0
20	QPSK	50	28	23.37	23.45	23.41	24.0	0.0
20	QPSK	50	56	23.33	23.43	23.42	24.0	0.0
20	QPSK	100	0	23.35	23.45	23.42		
20	16QAM	1	1	23.40	23.53	23.53	24.0	0.0
20	64QAM	1	1	22.18	22.24	22.21	22.5	1.5
20	256QAM	1	1	20.00	20.15	20.08	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.41	23.42	23.42	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.43	23.46	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.52	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.98	23.07	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.08	23.02		
20	PI/2 BPSK	1	104	22.81	23.01	22.95		
20	PI/2 BPSK	50	0	22.93	23.06	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.91	23.11	23.01	24.0	0.0
20	PI/2 BPSK	50	56	22.90	23.09	23.07	24.0	0.0
20	PI/2 BPSK	100	0	22.87	23.03	22.90		
20	QPSK	1	1	23.03	23.13	23.11	24.0	0.0
20	QPSK	1	53	22.95	23.07	23.03		
20	QPSK	1	104	22.86	23.03	22.98		
20	QPSK	50	0	22.92	23.07	23.03	24.0	0.0
20	QPSK	50	28	22.92	23.11	22.98	24.0	0.0
20	QPSK	50	56	22.86	23.04	22.93	24.0	0.0
20	QPSK	100	0	22.90	23.05	23.01		
20	16QAM	1	1	23.00	23.09	23.00	24.0	0.0
20	64QAM	1	1	21.55	21.71	21.65	22.5	1.5
20	256QAM	1	1	19.52	19.71	19.65	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	23.09	23.04	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.88	23.03	23.00	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.87	23.09	22.96	24.0	0.0

n5 Ant 1 DSI6&7

BW [MHz]	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	23.61	23.64	23.63	24.5	0.0
20	PI/2 BPSK	1	53	23.58	23.64	23.49		
20	PI/2 BPSK	1	104	23.53	23.53	23.44		
20	PI/2 BPSK	50	0	23.59	23.61	23.55	24.5	0.0
20	PI/2 BPSK	50	28	23.55	23.56	23.54	24.5	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.45	24.5	0.0
20	PI/2 BPSK	100	0	23.60	23.64	23.55		
20	QPSK	1	1	23.61	23.65	23.61	24.5	0.0
20	QPSK	1	53	23.60	23.63	23.50		
20	QPSK	1	104	23.39	23.46	23.37		
20	QPSK	50	0	23.59	23.61	23.54	24.5	0.0
20	QPSK	50	28	23.59	23.64	23.52	24.5	0.0
20	QPSK	50	56	23.57	23.57	23.42	24.5	0.0
20	QPSK	100	0	23.57	23.60	23.56		
20	16QAM	1	1	23.60	23.56	23.55	24.5	0.0
20	64QAM	1	1	22.35	22.36	22.30	23.0	1.5
20	256QAM	1	1	20.29	20.38	20.29	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.63	23.62	23.47	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.56	23.59	23.56	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.56	23.58	23.51	24.5	0.0

n7 Ant 1 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.43	21.64	21.51	22.0	0.0
20	PI/2 BPSK	1	53	21.43	21.58	21.43		
20	PI/2 BPSK	1	104	21.35	21.57	21.55		
20	PI/2 BPSK	50	0	21.49	21.61	21.44	22.0	0.0
20	PI/2 BPSK	50	28	21.42	21.63	21.44	22.0	0.0
20	PI/2 BPSK	50	56	21.42	21.54	21.44	22.0	0.0
20	PI/2 BPSK	100	0	21.42	21.59	21.52		
20	QPSK	1	1	21.46	21.68	21.58	22.0	0.0
20	QPSK	1	53	21.41	21.62	21.46		
20	QPSK	1	104	21.45	21.61	21.53		
20	QPSK	50	0	21.51	21.63	21.48	22.0	0.0
20	QPSK	50	28	21.54	21.66	21.52	22.0	0.0
20	QPSK	50	56	21.44	21.63	21.50	22.0	0.0
20	QPSK	100	0	21.37	21.58	21.52		
20	16QAM	1	1	21.42	21.58	21.49	22.0	0.0
20	64QAM	1	1	21.39	21.59	21.44	22.0	0.0
20	256QAM	1	1	19.91	20.04	19.96	20.5	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.43	21.51	21.53	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.37	21.60	21.46	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.37	21.52	21.45	22.0	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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.66	23.68	23.62	24.5	0.0
15	PI/2 BPSK	1	40	23.50	23.50	23.36		
15	PI/2 BPSK	1	77	23.44	23.54	23.44		
15	PI/2 BPSK	36	0	23.57	23.66	23.53	24.5	0.0
15	PI/2 BPSK	36	22	23.32	23.48	23.33	24.5	0.0
15	PI/2 BPSK	36	43	23.27	23.48	23.49	24.5	0.0
15	PI/2 BPSK	75	0	23.62	23.63	23.58		
15	QPSK	1	1	23.79	23.81	23.68	24.5	0.0
15	QPSK	1	40	23.65	23.65	23.58		
15	QPSK	1	77	23.48	23.57	23.38		
15	QPSK	36	0	23.67	23.62	23.63	24.5	0.0
15	QPSK	36	22	23.47	23.68	23.43	24.5	0.0
15	QPSK	36	43	23.47	23.63	23.58	24.5	0.0
15	QPSK	75	0	23.66	23.73	23.68		
15	16QAM	1	1	23.80	23.79	23.70	24.5	0.0
15	64QAM	1	1	22.25	22.34	22.32	23.0	1.5
	256QAM	1	1	20.22	20.41	20.34	21.0	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.68	23.63	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.58	23.65	23.67	24.5	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					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.63		24.5	0.0
10	PI/2 BPSK	1	26		23.67			
10	PI/2 BPSK	1	50		23.64			
10	PI/2 BPSK	25	0		23.61		24.5	0.0
10	PI/2 BPSK	25	14		23.56		24.5	0.0
10	PI/2 BPSK	25	27		23.49		24.5	0.0
10	PI/2 BPSK	50	0		23.59			
10	QPSK	1	1		23.68		24.5	0.0
10	QPSK	1	26		23.62			
10	QPSK	1	50		23.58			
10	QPSK	25	0		23.63		24.5	0.0
10	QPSK	25	14		23.65		24.5	0.0
10	QPSK	25	27		23.53		24.5	0.0
10	QPSK	50	0		23.63			
10	16QAM	1	1		23.62		24.5	0.0
10	64QAM	1	1		22.33		23.0	1.5
10	256QAM	1	1		20.37		21.0	3.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.62	23.63	23.61	24.5	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.19	23.22	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.06	23.12	22.97		
20	PI/2 BPSK	1	104	23.17	23.18	22.97		
20	PI/2 BPSK	50	0	23.20	23.25	23.05	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.28	23.06	24.0	0.0
20	PI/2 BPSK	50	56	23.13	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.18	22.99		
20	QPSK	1	1	23.31	23.34	23.19	24.0	0.0
20	QPSK	1	53	23.28	23.31	23.16		
20	QPSK	1	104	23.23	23.31	23.13		
20	QPSK	50	0	23.15	23.25	23.01	24.0	0.0
20	QPSK	50	28	23.19	23.29	23.16	24.0	0.0
20	QPSK	50	56	23.12	23.18	23.05	24.0	0.0
20	QPSK	100	0	23.18	23.21	23.01		
20	16QAM	1	1	23.02	23.13	22.98	24.0	0.0
20	64QAM	1	1	21.83	21.85	21.62	22.5	1.5
20	256QAM	1	1	19.64	19.75	19.60	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.21	23.19	23.06	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.19	23.23	23.04	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.16	23.18	23.07	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	23.25	23.51	23.15	24.5	0.0
20	PI/2 BPSK	1	53	23.26	23.50	23.20		
20	PI/2 BPSK	1	104	23.47	23.64	23.34		
20	PI/2 BPSK	50	0	23.39	23.64	23.27	24.5	0.0
20	PI/2 BPSK	50	28	23.26	23.47	23.14	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.50	23.20	24.5	0.0
20	PI/2 BPSK	100	0	23.28	23.48	23.12		
20	QPSK	1	1	23.48	23.66	23.33	24.5	0.0
20	QPSK	1	53	23.41	23.62	23.29		
20	QPSK	1	104	23.32	23.52	23.13		
20	QPSK	50	0	23.37	23.52	23.22	24.5	0.0
20	QPSK	50	28	23.44	23.62	23.32	24.5	0.0
20	QPSK	50	56	23.41	23.58	23.21	24.5	0.0
20	QPSK	100	0	23.29	23.49	23.19		
20	16QAM	1	1	23.25	23.47	23.13	24.5	0.0
20	64QAM	1	1	21.93	22.19	21.85	23.0	1.5
20	256QAM	1	1	20.08	20.22	19.87	21.0	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.39	23.51	23.29	24.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.41	23.56	23.18	24.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.42	23.53	23.19	24.5	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		19.49		20.0	0.0
10	PI/2 BPSK	1	26		19.55			
10	PI/2 BPSK	1	50		19.43			
10	PI/2 BPSK	25	0		19.52		20.0	0.0
10	PI/2 BPSK	25	14		19.47		20.0	0.0
10	PI/2 BPSK	25	27		19.40		20.0	0.0
10	PI/2 BPSK	50	0		19.55			
10	QPSK	1	1		19.56		20.0	0.0
10	QPSK	1	26		19.52			
10	QPSK	1	50		19.43			
10	QPSK	25	0		19.50		20.0	0.0
10	QPSK	25	14		19.53		20.0	0.0
10	QPSK	25	27		19.42		20.0	0.0
10	QPSK	50	0		19.50			
10	16QAM	1	1		19.51		20.0	0.0
10	64QAM	1	1		19.50		20.0	0.0
10	256QAM	1	1		19.51		20.0	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.14	23.41	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.21	23.40	23.01		
20	PI/2 BPSK	1	104	23.05	23.25	22.85		
20	PI/2 BPSK	50	0	23.07	23.36	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.01	23.25	22.88	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.32	22.99	24.0	0.0
20	PI/2 BPSK	100	0	23.03	23.27	22.92		
20	QPSK	1	1	23.26	23.45	23.11	24.0	0.0
20	QPSK	1	53	22.98	23.24	22.83		
20	QPSK	1	104	23.02	23.25	22.87		
20	QPSK	50	0	23.04	23.30	22.92	24.0	0.0
20	QPSK	50	28	23.06	23.34	23.04	24.0	0.0
20	QPSK	50	56	23.00	23.26	22.94	24.0	0.0
20	QPSK	100	0	23.13	23.34	23.04		
20	16QAM	1	1	23.00	23.26	22.92	24.0	0.0
20	64QAM	1	1	21.72	21.93	21.56	22.5	1.5
20	256QAM	1	1	19.64	19.88	19.54	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.18	23.34	22.95	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.21	23.37	23.07	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.20	23.39	23.05	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.25	23.50	23.32	24.5	0.0
20	PI/2 BPSK	1	53	23.10	23.42	23.19		
20	PI/2 BPSK	1	104	23.25	23.53	23.32		
20	PI/2 BPSK	50	0	23.24	23.57	23.29	24.5	0.0
20	PI/2 BPSK	50	28	23.17	23.52	23.24	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.58	23.28	24.5	0.0
20	PI/2 BPSK	100	0	23.30	23.57	23.29		
20	QPSK	1	1	23.27	23.59	23.33	24.5	0.0
20	QPSK	1	53	23.12	23.45	23.15		
20	QPSK	1	104	23.21	23.52	23.27		
20	QPSK	50	0	23.26	23.53	23.24	24.5	0.0
20	QPSK	50	28	23.27	23.57	23.39	24.5	0.0
20	QPSK	50	56	23.24	23.51	23.26	24.5	0.0
20	QPSK	100	0	23.08	23.44	23.24		
20	16QAM	1	1	23.15	23.50	23.27	24.5	0.0
20	64QAM	1	1	21.88	22.21	21.96	23.0	1.5
20	256QAM	1	1	19.54	19.89	19.62	21.0	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.13	23.53	23.21	24.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.19	23.45	23.27	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.12	23.52	23.18	24.5	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.21	23.34	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.22	23.41	23.26		
20	PI/2 BPSK	1	104	23.35	23.53	23.36		
20	PI/2 BPSK	50	0	23.22	23.40	23.30	24.0	0.0
20	PI/2 BPSK	50	28	23.40	23.55	23.46	24.0	0.0
20	PI/2 BPSK	50	56	23.35	23.51	23.34	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.32	23.23		
20	QPSK	1	1	23.41	23.58	23.42	24.0	0.0
20	QPSK	1	53	23.40	23.52	23.36		
20	QPSK	1	104	23.27	23.48	23.36		
20	QPSK	50	0	23.19	23.31	23.21	24.0	0.0
20	QPSK	50	28	23.30	23.47	23.33	24.0	0.0
20	QPSK	50	56	23.21	23.37	23.20	24.0	0.0
20	QPSK	100	0	23.27	23.41	23.23		
20	16QAM	1	1	23.16	23.36	23.23	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.93	22.5	1.5
20	256QAM	1	1	20.04	20.16	20.09	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.31	23.44	23.28	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.37	23.52	23.30	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.49	23.37	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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.03	22.77	24.0	0.0
20	PI/2 BPSK	1	53	23.04	23.16	22.99		
20	PI/2 BPSK	1	104	22.95	23.13	22.88		
20	PI/2 BPSK	50	0	23.06	23.20	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.03	22.76	24.0	0.0
20	PI/2 BPSK	50	56	23.03	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.22	23.06		
20	QPSK	1	1	23.14	23.33	23.07	24.0	0.0
20	QPSK	1	53	23.00	23.11	22.84		
20	QPSK	1	104	22.98	23.15	22.97		
20	QPSK	50	0	23.02	23.12	22.93	24.0	0.0
20	QPSK	50	28	23.09	23.20	23.00	24.0	0.0
20	QPSK	50	56	22.88	23.09	22.87	24.0	0.0
20	QPSK	100	0	23.00	23.16	22.90		
20	16QAM	1	1	23.03	23.24	23.08	24.0	0.0
20	64QAM	1	1	21.54	21.75	21.56	22.5	1.5
20	256QAM	1	1	19.47	19.60	19.35	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.07	23.20	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.98	23.18	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	23.21	23.00	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.58	23.60	23.55	24.0	0.0
20	PI/2 BPSK	1	53	23.47	23.51	23.47		
20	PI/2 BPSK	1	104	23.43	23.51	23.39		
20	PI/2 BPSK	50	0	23.57	23.55	23.42	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.61	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.41	24.0	0.0
20	PI/2 BPSK	100	0	23.55	23.61	23.59		
20	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
20	QPSK	1	53	23.53	23.55	23.46		
20	QPSK	1	104	23.49	23.49	23.47		
20	QPSK	50	0	23.30	23.34	23.22	24.0	0.0
20	QPSK	50	28	23.56	23.59	23.50	24.0	0.0
20	QPSK	50	56	23.45	23.45	23.32	24.0	0.0
20	QPSK	100	0	23.47	23.54	23.42		
20	16QAM	1	1	23.57	23.65	23.64	24.0	0.0
20	64QAM	1	1	22.27	22.25	22.22	22.5	1.5
20	256QAM	1	1	20.12	20.19	20.16	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.57	23.63	23.45	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.54	23.62	23.44	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.55	23.54	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.12			
10	PI/2 BPSK	1	50		23.15			
10	PI/2 BPSK	25	0		22.64		23.5	0.5
10	PI/2 BPSK	25	14		23.24		24.0	0.0
10	PI/2 BPSK	25	27		22.72		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.28		24.0	0.0
10	QPSK	1	26		23.07			
10	QPSK	1	50		23.14			
10	QPSK	25	0		22.10		23.0	1.0
10	QPSK	25	14		23.23		24.0	0.0
10	QPSK	25	27		22.25		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.42		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5

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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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.60	23.73	23.63	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.63	23.47		
20	PI/2 BPSK	1	104	23.48	23.72	23.51		
20	PI/2 BPSK	50	0	23.50	23.69	23.51	24.0	0.0
20	PI/2 BPSK	50	28	23.54	23.75	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.62	23.81	23.61	24.0	0.0
20	PI/2 BPSK	100	0	23.47	23.70	23.59		
20	QPSK	1	1	23.66	23.84	23.63	24.0	0.0
20	QPSK	1	53	23.47	23.69	23.48		
20	QPSK	1	104	23.52	23.72	23.55		
20	QPSK	50	0	23.53	23.73	23.62	24.0	0.0
20	QPSK	50	28	23.65	23.80	23.61	24.0	0.0
20	QPSK	50	56	23.65	23.78	23.67	24.0	0.0
20	QPSK	100	0	23.47	23.69	23.51		
20	16QAM	1	1	23.59	23.81	23.65	24.0	0.0
20	64QAM	1	1	22.25	22.39	22.19	22.5	1.5
20	256QAM	1	1	20.11	20.32	20.12	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.60	23.68	23.55	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.61	23.70	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.56	23.75	23.58	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.23	21.26	21.31	22.5	0.0
40	PI/2 BPSK	1	53	21.13	21.28	21.35		
40	PI/2 BPSK	1	104	21.10	21.28	21.31		
40	PI/2 BPSK	50	0	21.33	21.44	21.31	22.5	0.0
40	PI/2 BPSK	50	28	21.30	21.50	21.23	22.5	0.0
40	PI/2 BPSK	50	56	21.12	21.25	21.19	22.5	0.0
40	PI/2 BPSK	100	0	21.16	21.40	21.17		
40	QPSK	1	1	21.36	21.51	21.34	22.5	0.0
40	QPSK	1	53	21.22	21.39	21.25		
40	QPSK	1	104	21.10	21.20	21.27		
40	QPSK	50	0	21.31	21.28	21.30	22.5	0.0
40	QPSK	50	28	21.29	21.47	21.25	22.5	0.0
40	QPSK	50	56	21.26	21.16	21.46	22.5	0.0
40	QPSK	100	0	21.28	21.30	21.24		
40	16QAM	1	1	21.29	21.27	21.32	22.5	0.0
40	64QAM	1	1	21.41	21.43	21.43	22.5	0.0
40	256QAM	1	1	19.37	19.59	19.51	20.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.34	21.43	21.34	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.34	21.43	21.26	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.41	21.46	21.56	22.5	0.0
100	PI/2 BPSK	1	137	21.30	21.43	21.56		
100	PI/2 BPSK	1	271	21.35	21.53	21.55		
100	PI/2 BPSK	135	0	21.56	21.66	21.50	22.5	0.0
100	PI/2 BPSK	135	69	21.52	21.71	21.44	22.5	0.0
100	PI/2 BPSK	135	138	21.31	21.39	21.43	22.5	0.0
100	PI/2 BPSK	270	0	21.40	21.61	21.40		
100	QPSK	1	1	21.55	21.76	21.60	22.5	0.0
100	QPSK	1	137	21.41	21.55	21.49		
100	QPSK	1	271	21.27	21.43	21.43		
100	QPSK	135	0	21.56	21.45	21.51	22.5	0.0
100	QPSK	135	69	21.50	21.67	21.46	22.5	0.0
100	QPSK	135	138	21.42	21.30	21.62	22.5	0.0
100	QPSK	270	0	21.50	21.54	21.47		
100	16QAM	1	1	21.53	21.50	21.46	22.5	0.0
100	64QAM	1	1	21.55	21.67	21.57	22.5	0.0
100	256QAM	1	1	19.45	19.65	19.60	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.32	21.38	21.50	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.28	21.35	21.47	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.36	21.42	21.51	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.27	21.38	21.46	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.31	21.44	21.53	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.27	21.42	21.52	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.36	21.43	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.40	21.44	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.64	24.88	24.72	25.5	0.0
100	PI/2 BPSK	1	137	24.80	24.86	24.80		
100	PI/2 BPSK	1	271	24.80	24.86	24.82		
100	PI/2 BPSK	135	0	24.79	24.83	24.89	25.5	0.0
100	PI/2 BPSK	135	69	24.72	24.81	24.83	25.5	0.0
100	PI/2 BPSK	135	138	24.62	24.89	24.75	25.5	0.0
100	PI/2 BPSK	270	0	24.75	24.88	24.78		
100	QPSK	1	1	24.85	24.91	24.85	25.5	0.0
100	QPSK	1	137	24.71	24.90	24.84		
100	QPSK	1	271	24.73	24.83	24.77		
100	QPSK	135	0	24.75	24.80	24.84	25.5	0.0
100	QPSK	135	69	24.89	24.90	24.78	25.5	0.0
100	QPSK	135	138	24.69	24.84	24.72	25.5	0.0
100	QPSK	270	0	24.70	24.84	24.76		
100	16QAM	1	1	24.64	24.85	24.75	25.5	0.0
100	64QAM	1	1	23.92	24.01	23.90	24.5	1.0
100	256QAM	1	1	22.16	22.21	22.08	22.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.71	24.79	24.77	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.59	24.90	24.70	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.61	24.89	24.70	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.60	24.81	24.69	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.82	24.76	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.68	24.81	24.70	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.70	24.86	24.78	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.65	24.89	24.72	25.5	0.0

n38 Ant 1 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.07	23.07	22.89	24.0	0.0
40	PI/2 BPSK	1	53	22.93	23.03	22.86		
40	PI/2 BPSK	1	104	23.01	23.07	22.79		
40	PI/2 BPSK	50	0	22.99	23.08	22.85	24.0	0.0
40	PI/2 BPSK	50	28	22.85	22.95	23.01	24.0	0.0
40	PI/2 BPSK	50	56	22.92	22.99	22.84	24.0	0.0
40	PI/2 BPSK	100	0	22.95	22.98	22.76		
40	QPSK	1	1	23.13	23.15	22.99	24.0	0.0
40	QPSK	1	53	22.84	22.95	22.92		
40	QPSK	1	104	22.94	22.97	22.95		
40	QPSK	50	0	22.77	22.87	22.74	24.0	0.0
40	QPSK	50	28	22.91	22.97	22.85	24.0	0.0
40	QPSK	50	56	22.81	22.93	22.89	24.0	0.0
40	QPSK	100	0	22.89	22.95	22.87		
40	16QAM	1	1	23.05	23.13	22.88	24.0	0.0
40	64QAM	1	1	21.56	21.76	21.51	22.5	1.5
40	256QAM	1	1	19.64	19.70	19.64	20.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.88	23.00	22.75	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.90	23.00	22.72	24.0	0.0

n41 Ant 1 DSI6&7

BW [MHz]	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	22.92	23.07	23.07	24.0	0.0
100	PI/2 BPSK	1	137	23.02	23.13	22.92		
100	PI/2 BPSK	1	271	22.96	23.04	23.05		
100	PI/2 BPSK	135	0	22.93	23.10	23.02	24.0	0.0
100	PI/2 BPSK	135	69	23.01	23.13	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.90	23.12	23.13	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.20	23.09		
100	QPSK	1	1	23.09	23.29	23.24	24.0	0.0
100	QPSK	1	137	23.09	23.25	23.16		
100	QPSK	1	271	22.97	23.09	23.02		
100	QPSK	135	0	22.50	22.71	22.68	24.0	0.0
100	QPSK	135	69	23.10	23.25	23.17	24.0	0.0
100	QPSK	135	138	22.92	23.09	22.91	24.0	0.0
100	QPSK	270	0	23.19	23.25	23.16		
100	16QAM	1	1	22.42	22.41	22.36	24.0	0.0
100	64QAM	1	1	20.89	21.05	20.96	22.5	1.5
100	256QAM	1	1	19.49	19.71	19.70	20.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.11	22.52	23.21	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.24	22.51	23.11	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.26	22.49	23.27	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.27	22.37	23.10	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.20	22.40	23.26	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.13	22.42	23.15	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.10	22.36	23.12	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.17	22.40	23.28	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.77	25.84	25.71	27.0	0.0
100	PI/2 BPSK	1	137	25.97	26.03	26.01		
100	PI/2 BPSK	1	271	25.65	25.84	25.79		
100	PI/2 BPSK	135	0	25.40	25.43	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.87	26.00	25.85	27.0	0.0
100	PI/2 BPSK	135	138	25.24	25.41	25.34	26.5	0.5
100	PI/2 BPSK	270	0	25.41	25.43	25.23		
100	QPSK	1	1	26.01	26.18	26.04	27.0	0.0
100	QPSK	1	137	26.00	26.11	25.99		
100	QPSK	1	271	25.91	25.97	25.97		
100	QPSK	135	0	24.86	24.93	24.93	26.0	1.0
100	QPSK	135	69	26.02	26.08	25.88	27.0	0.0
100	QPSK	135	138	24.61	24.73	24.60	26.0	1.0
100	QPSK	270	0	24.90	24.91	24.77		
100	16QAM	1	1	24.82	24.73	24.71	26.0	1.0
100	64QAM	1	1	22.59	22.63	22.52	24.5	2.5
100	256QAM	1	1	21.52	21.61	21.50	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.97	26.14	25.87	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.92	26.12	25.88	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.84	26.14	26.01	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.81	26.12	25.86	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.80	26.10	25.90	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.87	26.13	25.85	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.87	25.96	26.01	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.98	26.11	25.83	27.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.68	23.72	23.62	25.0	0.0
40	PI/2 BPSK	1	53	23.54	23.65	23.66		
40	PI/2 BPSK	1	104	23.55	23.67	23.55		
40	PI/2 BPSK	50	0	23.58	23.64	23.63	25.0	0.0
40	PI/2 BPSK	50	28	23.57	23.58	23.56	25.0	0.0
40	PI/2 BPSK	50	56	23.55	23.59	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.50	23.63	23.45		
40	QPSK	1	1	23.77	23.81	23.71	25.0	0.0
40	QPSK	1	53	23.70	23.71	23.68		
40	QPSK	1	104	23.66	23.73	23.54		
40	QPSK	50	0	23.70	23.69	23.57	25.0	0.0
40	QPSK	50	28	23.49	23.72	23.55	25.0	0.0
40	QPSK	50	56	23.58	23.57	23.57	25.0	0.0
40	QPSK	100	0	23.48	23.63	23.42		
40	16QAM	1	1	23.68	23.76	23.65	25.0	0.0
40	64QAM	1	1	22.22	22.39	22.36	23.5	1.5
40	256QAM	1	1	20.19	20.28	20.19	21.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.70	23.80	23.73	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.67	23.79	23.72	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	23.34	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.55	23.52		
100	PI/2 BPSK	1	271	23.37	23.47	23.49		
100	PI/2 BPSK	135	0	23.44	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.62	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.55	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.52	23.71	23.71		
100	QPSK	1	1	23.52	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.60	23.80	23.61		
100	QPSK	1	271	23.58	23.61	23.47		
100	QPSK	135	0	23.45	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.24	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.46	23.59	23.58		
100	16QAM	1	1	23.54	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.01	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.08	20.08	19.89	21.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.63	23.63	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.54	23.74	23.51	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.41	23.77	23.59	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.34	23.66	23.59	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.40	23.65	23.52	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.45	23.64	23.49	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.67	23.60	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.34	23.64	23.51	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	26.14	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.50	26.52	26.48		
100	PI/2 BPSK	1	271	26.45	26.47	26.48		
100	PI/2 BPSK	135	0	25.73	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.76	25.96	25.77		
100	QPSK	1	1	26.47	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.23	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.11	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.40	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.92	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.04	25.23	25.17		
100	16QAM	1	1	24.49	24.51	24.41	26.0	1.0
100	64QAM	1	1	22.91	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.09	21.19	21.10	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.26	26.53	26.54	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.43	26.51	26.51	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.64	26.46	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.39	26.59	26.39	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.44	26.45	26.36	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.27	26.58	26.54	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.35	26.52	26.49	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.60	26.32	27.0	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.54	23.55	23.52		
100	PI/2 BPSK	1	271	23.44	23.47	23.49		
100	PI/2 BPSK	135	0	23.51	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.65	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.55	23.71	23.71		
100	QPSK	1	1	23.75	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.71	23.80	23.61		
100	QPSK	1	271	23.60	23.61	23.47		
100	QPSK	135	0	23.53	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.27	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.50	23.59	23.58		
100	16QAM	1	1	23.62	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.07	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.07	20.08	19.89	21.5	3.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	23.65	23.71	23.77	25.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	23.62	23.78	23.70	25.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	23.69	23.74	23.75	25.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	23.65	23.77	23.67	25.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	23.67	23.75	23.76	25.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	23.70	23.72	23.77	25.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	23.69	23.74	23.70	25.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	23.68	23.78	23.70	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	26.18	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.51	26.52	26.48		
100	PI/2 BPSK	1	271	26.53	26.47	26.48		
100	PI/2 BPSK	135	0	25.76	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.80	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.78	25.96	25.77		
100	QPSK	1	1	26.52	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.30	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.19	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.44	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.96	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.11	25.23	25.17		
100	16QAM	1	1	24.55	24.51	24.41	26.0	1.0
100	64QAM	1	1	23.01	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.08	21.19	21.10	22.5	4.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	26.44	26.55	26.44	27.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	26.51	26.62	26.52	27.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	26.42	26.58	26.46	27.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	26.47	26.63	26.46	27.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	26.44	26.59	26.47	27.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	26.44	26.61	26.46	27.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	26.46	26.59	26.50	27.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	26.49	26.57	26.47	27.0	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	20.03	20.07	20.04	21.0	0.0
100	PI/2 BPSK	1	137	20.04	20.04	20.10		
100	PI/2 BPSK	1	271	19.94	19.96	19.94		
100	PI/2 BPSK	135	0	20.04	19.99	19.98	21.0	0.0
100	PI/2 BPSK	135	69	19.93	20.04	20.06	21.0	0.0
100	PI/2 BPSK	135	138	19.96	20.03	19.96	21.0	0.0
100	PI/2 BPSK	270	0	20.01	19.97	19.92		
100	QPSK	1	1	20.01	20.12	20.02	21.0	0.0
100	QPSK	1	137	20.04	20.10	20.04		
100	QPSK	1	271	19.98	20.05	19.93		
100	QPSK	135	0	19.96	19.99	20.02	21.0	0.0
100	QPSK	135	69	20.04	20.06	19.99	21.0	0.0
100	QPSK	135	138	19.94	20.03	20.03	21.0	0.0
100	QPSK	270	0	20.01	20.08	20.07		
100	16QAM	1	1	19.99	20.11	20.01	21.0	0.0
100	64QAM	1	1	20.06	20.08	20.04	21.0	0.0
100	256QAM	1	1	19.18	19.39	19.28	19.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.98	20.00	19.96	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.05	20.00	20.02	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.98	20.00	20.06	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.06	20.03	20.01	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.00	20.05	19.99	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.02	19.97	20.00	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.96	19.97	20.08	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.02	20.02	19.98	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.47	23.46	23.39	24.0	0.0
100	PI/2 BPSK	1	137	23.50	23.38	23.39		
100	PI/2 BPSK	1	271	23.50	23.37	23.44		
100	PI/2 BPSK	135	0	23.43	23.48	23.55	24.0	0.0
100	PI/2 BPSK	135	69	23.46	23.43	23.51	24.0	0.0
100	PI/2 BPSK	135	138	23.53	23.55	23.45	24.0	0.0
100	PI/2 BPSK	270	0	23.44	23.37	23.42		
100	QPSK	1	1	23.48	23.60	23.43	24.0	0.0
100	QPSK	1	137	23.45	23.52	23.38		
100	QPSK	1	271	23.44	23.52	23.38		
100	QPSK	135	0	23.50	23.49	23.48	24.0	0.0
100	QPSK	135	69	23.46	23.51	23.41	24.0	0.0
100	QPSK	135	138	23.38	23.42	23.47	24.0	0.0
100	QPSK	270	0	23.44	23.50	23.49		
100	16QAM	1	1	23.45	23.45	23.43	24.0	0.0
100	64QAM	1	1	23.45	23.48	23.48	24.0	0.0
100	256QAM	1	1	21.78	21.97	21.96	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.49	23.50	23.48	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.44	23.51	23.49	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.53	23.45	23.55	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.53	23.45	23.49	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.52	23.48	23.49	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.48	23.45	23.45	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.50	23.47	23.55	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.48	23.50	23.56	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.71		21.0	0.0
100	PI/2 BPSK	1	137		19.73			
100	PI/2 BPSK	1	271		19.74			
100	PI/2 BPSK	135	0		19.75		21.0	0.0
100	PI/2 BPSK	135	69		19.69		21.0	0.0
100	PI/2 BPSK	135	138		19.71		21.0	0.0
100	PI/2 BPSK	270	0		19.75			
100	QPSK	1	1		19.79		21.0	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.76			
100	QPSK	135	0		19.70		21.0	0.0
100	QPSK	135	69		19.72		21.0	0.0
100	QPSK	135	138		19.68		21.0	0.0
100	QPSK	270	0		19.72			
100	16QAM	1	1		19.74		21.0	0.0
100	64QAM	1	1		19.66		21.0	0.0
100	256QAM	1	1		19.04		19.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.68	19.67	19.61	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.60	19.58	19.66	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.64	19.68	19.66	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.64	19.64	19.67	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.64	19.64	19.66	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.60	19.66	19.65	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.63	19.69	19.57	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.67	19.67	19.59	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.70		24.0	0.0
100	PI/2 BPSK	1	137		22.78			
100	PI/2 BPSK	1	271		22.68			
100	PI/2 BPSK	135	0		22.75		24.0	0.0
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.71		24.0	0.0
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		22.83		24.0	0.0
100	QPSK	1	137		22.77			
100	QPSK	1	271		22.73			
100	QPSK	135	0		22.80		24.0	0.0
100	QPSK	135	69		22.81		24.0	0.0
100	QPSK	135	138		22.75		24.0	0.0
100	QPSK	270	0		22.81			
100	16QAM	1	1		22.77		24.0	0.0
100	64QAM	1	1		22.68		24.0	0.0
100	256QAM	1	1		21.23		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.56	22.69	22.68	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.58	22.61	22.67	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.60	22.68	22.64	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.66	22.63	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.55	22.64	22.70	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.56	22.70	22.64	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.57	22.62	22.70	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.58	22.71	22.65	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.68		21.0	0.0
100	PI/2 BPSK	1	137		19.66			
100	PI/2 BPSK	1	271		19.61			
100	PI/2 BPSK	135	0		19.69		21.0	0.0
100	PI/2 BPSK	135	69		19.67		21.0	0.0
100	PI/2 BPSK	135	138		19.65		21.0	0.0
100	PI/2 BPSK	270	0		19.70			
100	QPSK	1	1		19.75		21.0	0.0
100	QPSK	1	137		19.67			
100	QPSK	1	271		19.74			
100	QPSK	135	0		19.65		21.0	0.0
100	QPSK	135	69		19.68		21.0	0.0
100	QPSK	135	138		19.64		21.0	0.0
100	QPSK	270	0		19.66			
100	16QAM	1	1		19.67		21.0	0.0
100	64QAM	1	1		19.67		21.0	0.0
100	256QAM	1	1		19.16		19.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.51	19.55	19.58	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.48	19.54	19.54	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.47	19.58	19.58	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.51	19.64	19.56	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.42	19.64	19.60	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.49	19.54	19.58	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.46	19.55	19.59	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.46	19.61	19.61	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.13		24.0	0.0
100	PI/2 BPSK	1	137		23.15			
100	PI/2 BPSK	1	271		23.08			
100	PI/2 BPSK	135	0		23.15		24.0	0.0
100	PI/2 BPSK	135	69		23.14		24.0	0.0
100	PI/2 BPSK	135	138		23.07		24.0	0.0
100	PI/2 BPSK	270	0		23.12			
100	QPSK	1	1		23.19		24.0	0.0
100	QPSK	1	137		23.07			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.10		24.0	0.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0
100	QPSK	270	0		23.06			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.04		24.0	0.0
100	256QAM	1	1		21.56		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.80	22.96	22.80	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.83	22.88	22.84	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.81	22.97	22.89	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.81	22.94	22.86	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.84	22.94	22.90	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.88	22.92	22.89	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.78	22.97	22.87	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.81	22.91	22.81	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.69		21.0	0.0
100	PI/2 BPSK	1	137		19.59			
100	PI/2 BPSK	1	271		19.66			
100	PI/2 BPSK	135	0		19.60		21.0	0.0
100	PI/2 BPSK	135	69		19.67		21.0	0.0
100	PI/2 BPSK	135	138		19.60		21.0	0.0
100	PI/2 BPSK	270	0		19.72			
100	QPSK	1	1		19.76		21.0	0.0
100	QPSK	1	137		19.71			
100	QPSK	1	271		19.61			
100	QPSK	135	0		19.70		21.0	0.0
100	QPSK	135	69		19.73		21.0	0.0
100	QPSK	135	138		19.68		21.0	0.0
100	QPSK	270	0		19.65			
100	16QAM	1	1		19.64		21.0	0.0
100	64QAM	1	1		19.59		21.0	0.0
100	256QAM	1	1		18.99		19.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.54	19.65	19.64	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.57	19.59	19.57	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.50	19.61	19.66	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.50	19.57	19.56	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.49	19.68	19.65	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.50	19.58	19.62	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.49	19.59	19.64	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.58	19.62	19.55	21.0	0.0

Part27Q n78 PC2 Ant 2 DSI6&7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.76		24.0	0.0
100	PI/2 BPSK	1	137		22.80			
100	PI/2 BPSK	1	271		22.64			
100	PI/2 BPSK	135	0		22.70		24.0	0.0
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.81		24.0	0.0
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.69		24.0	0.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		22.67		24.0	0.0
100	QPSK	270	0		22.68			
100	16QAM	1	1		22.73		24.0	0.0
100	64QAM	1	1		22.65		24.0	0.0
100	256QAM	1	1		21.21		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.71	22.69	22.65	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.65	22.64	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.69	22.60	22.69	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.70	22.61	22.63	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.73	22.62	22.66	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.64	22.58	22.74	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.66	22.66	22.67	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.73	22.63	22.71	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.09	23.35	23.20	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.24	23.16		
100	PI/2 BPSK	1	271	23.13	23.27	23.24		
100	PI/2 BPSK	135	0	22.80	22.88	22.85	23.5	0.5
100	PI/2 BPSK	135	69	23.09	23.21	23.20	24.0	0.0
100	PI/2 BPSK	135	138	22.88	22.93	22.84	23.5	0.5
100	PI/2 BPSK	270	0	22.86	22.91	22.81		
100	QPSK	1	1	23.20	23.44	23.28	24.0	0.0
100	QPSK	1	137	23.08	23.24	23.15		
100	QPSK	1	271	23.27	23.34	23.18		
100	QPSK	135	0	22.16	22.18	22.08	23.0	1.0
100	QPSK	135	69	23.18	23.31	23.20	24.0	0.0
100	QPSK	135	138	22.16	22.10	22.15	23.0	1.0
100	QPSK	270	0	22.17	22.20	22.14		
100	16QAM	1	1	22.07	22.09	22.11	23.0	1.0
100	64QAM	1	1	21.02	21.18	21.09	21.5	2.5
100	256QAM	1	1	19.03	19.07	19.08	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.36	23.22	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.17	23.41	23.21	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.20	23.36	23.24	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.40	23.20	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.34	23.27	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.21	23.34	23.28	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.40	23.23	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.20	23.34	23.22	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.08	26.35	26.22	27.0	0.0
100	PI/2 BPSK	1	137	26.05	26.22	26.19		
100	PI/2 BPSK	1	271	26.17	26.28	26.27		
100	PI/2 BPSK	135	0	25.87	25.86	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.09	26.28	26.24	27.0	0.0
100	PI/2 BPSK	135	138	25.92	25.92	25.86	26.5	0.5
100	PI/2 BPSK	270	0	25.84	25.98	25.88		
100	QPSK	1	1	26.24	26.43	26.26	27.0	0.0
100	QPSK	1	137	26.17	26.27	26.12		
100	QPSK	1	271	26.33	26.34	26.22		
100	QPSK	135	0	25.18	25.16	25.08	26.0	1.0
100	QPSK	135	69	26.25	26.32	26.25	27.0	0.0
100	QPSK	135	138	25.23	25.07	25.22	26.0	1.0
100	QPSK	270	0	25.22	25.25	25.13		
100	16QAM	1	1	25.11	25.09	25.12	26.0	1.0
100	64QAM	1	1	24.03	24.21	24.09	24.5	2.5
100	256QAM	1	1	22.01	22.09	22.16	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.21	26.38	26.23	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.20	26.39	26.27	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.21	26.42	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.20	26.42	26.24	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1		26.38	26.20	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.15	26.39	26.28	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.25	26.40	26.26	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.16	26.42	26.26	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.79		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.93			
100	PI/2 BPSK	135	0		22.27		23.5	0.5
100	PI/2 BPSK	135	69		22.75		24.0	0.0
100	PI/2 BPSK	135	138		22.25		23.5	0.5
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.96		24.0	0.0
100	QPSK	1	137		22.81			
100	QPSK	1	271		22.76			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.83		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		22.01		23.0	1.0
100	64QAM	1	1		20.57		21.5	2.5
100	256QAM	1	1		18.68		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.79	22.84	22.83	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.78	22.84	22.82	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.86	22.82	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.74	22.78	22.78	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.78	22.79	22.76	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.82	22.85	22.79	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.76	22.78	22.80	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.78	22.75	24.0	0.0

Part27Q n77 PC2 Ant 3 DSI6&7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79		27.0	0.0
100	PI/2 BPSK	1	137		25.76			
100	PI/2 BPSK	1	271		25.92			
100	PI/2 BPSK	135	0		25.28		26.5	0.5
100	PI/2 BPSK	135	69		25.81		27.0	0.0
100	PI/2 BPSK	135	138		25.23		26.5	0.5
100	PI/2 BPSK	270	0		25.28			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.85			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.10		26.0	1.0
100	QPSK	135	69		25.84		27.0	0.0
100	QPSK	135	138		25.07		26.0	1.0
100	QPSK	270	0		25.07			
100	16QAM	1	1		25.06		26.0	1.0
100	64QAM	1	1		23.56		24.5	2.5
100	256QAM	1	1		21.75		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.87	25.92	25.88	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.83	25.92	25.91	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.88	25.90	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.87	25.85	25.91	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.92	25.80	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.87	25.92	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.78	25.84	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.78	25.83	25.81	27.0	0.0

Part27O n78 Ant 3 DSI6&7								
BW [MHz]	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		23.30		24.0	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		22.87		23.5	0.5
100	PI/2 BPSK	135	69		23.08		24.0	0.0
100	PI/2 BPSK	135	138		22.92		23.5	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		23.41		24.0	0.0
100	QPSK	1	137		23.23			
100	QPSK	1	271		23.26			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		23.17		24.0	0.0
100	QPSK	135	138		22.27		23.0	1.0
100	QPSK	270	0		22.18			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.94		21.5	2.5
100	256QAM	1	1		19.02		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.13	23.21	23.26	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.15	23.26	23.24	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.31	23.18	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.17	23.27	23.25	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.09	23.29	23.18	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.09	23.23	23.19	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.11	23.31	23.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.13	23.27	23.17	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.29		27.0	0.0
100	PI/2 BPSK	1	137		26.20			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		25.97		27.0	0.0
100	PI/2 BPSK	135	138		25.89		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.35		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.22			
100	QPSK	135	0		25.15		26.0	1.0
100	QPSK	135	69		26.10		27.0	0.0
100	QPSK	135	138		25.21		26.0	1.0
100	QPSK	270	0		25.13			
100	16QAM	1	1		24.85		26.0	1.0
100	64QAM	1	1		23.85		24.5	2.5
100	256QAM	1	1		21.94		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.09	26.15	26.13	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.08	26.18	26.21	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.03	26.12	26.24	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.09	26.11	26.21	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.12	26.13	26.13	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.02	26.14	26.21	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.09	26.19	26.20	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.08	26.19	26.18	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.70		24.0	0.0
100	PI/2 BPSK	1	137		22.71			
100	PI/2 BPSK	1	271		22.84			
100	PI/2 BPSK	135	0		22.25		23.5	0.5
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.26		23.5	0.5
100	PI/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.94		24.0	0.0
100	QPSK	1	137		22.74			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.04		23.0	1.0
100	QPSK	135	69		22.78		24.0	0.0
100	QPSK	135	138		22.07		23.0	1.0
100	QPSK	270	0		22.07			
100	16QAM	1	1		21.97		23.0	1.0
100	64QAM	1	1		20.48		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.84	22.85	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.80	22.77	22.80	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.74	22.76	22.85	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.77	22.85	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.74	22.81	22.74	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.86	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.84	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.76	22.82	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.66			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.18		26.5	0.5
100	PI/2 BPSK	135	69		25.78		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.23			
100	QPSK	1	1		25.96		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.69			
100	QPSK	135	0		25.06		26.0	1.0
100	QPSK	135	69		25.74		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		25.07		26.0	1.0
100	64QAM	1	1		23.53		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.84	25.79	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.77	25.85	25.87	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.86	25.85	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.85	25.89	25.83	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.87	25.93	25.77	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.83	25.84	25.81	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.86	25.87	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.85	25.87	25.86	27.0	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	22.15	22.74	22.46	23.0	0.0
100	PI/2 BPSK	1	137	22.21	22.71	22.39		
100	PI/2 BPSK	1	271	22.20	22.70	22.45		
100	PI/2 BPSK	135	0	22.17	22.71	22.41	23.0	0.0
100	PI/2 BPSK	135	69	22.20	22.75	22.38	23.0	0.0
100	PI/2 BPSK	135	138	22.23	22.73	22.42	23.0	0.0
100	PI/2 BPSK	270	0	22.18	22.68	22.48		
100	QPSK	1	1	22.21	22.76	22.43	23.0	0.0
100	QPSK	1	137	22.21	22.64	22.41		
100	QPSK	1	271	22.24	22.72	22.43		
100	QPSK	135	0	22.16	22.65	22.40	23.0	0.0
100	QPSK	135	69	22.17	22.71	22.37	23.0	0.0
100	QPSK	135	138	22.25	22.70	22.49	23.0	0.0
100	QPSK	270	0	22.24	22.67	22.44		
100	16QAM	1	1	22.21	22.69	22.41	23.0	0.0
100	64QAM	1	1	22.02	22.12	22.06	22.5	0.5
100	256QAM	1	1	20.06	20.26	20.29	20.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.21	22.63	22.47	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.24	22.67	22.43	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.23	22.74	22.46	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.21	22.63	22.44	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.21	22.67	22.39	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.67	22.43	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.15	22.68	22.46	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.15	22.64	22.48	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.94	24.60	24.21	25.0	0.0
100	PI/2 BPSK	1	137	23.97	24.55	24.26		
100	PI/2 BPSK	1	271	23.96	24.50	24.31		
100	PI/2 BPSK	135	0	23.92	24.53	24.21	25.0	0.0
100	PI/2 BPSK	135	69	23.97	24.55	24.29	25.0	0.0
100	PI/2 BPSK	135	138	23.99	24.59	24.23	25.0	0.0
100	PI/2 BPSK	270	0	23.94	24.50	24.21		
100	QPSK	1	1	23.95	24.65	24.23	25.0	0.0
100	QPSK	1	137	23.93	24.56	24.22		
100	QPSK	1	271	23.89	24.59	24.30		
100	QPSK	135	0	23.98	24.52	24.30	25.0	0.0
100	QPSK	135	69	23.92	24.53	24.23	25.0	0.0
100	QPSK	135	138	23.91	24.50	24.21	25.0	0.0
100	QPSK	270	0	23.94	24.51	24.29		
100	16QAM	1	1	23.97	24.53	24.32	25.0	0.0
100	64QAM	1	1	23.82	23.86	23.81	24.5	0.5
100	256QAM	1	1	21.87	22.07	22.05	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.96	24.49	24.29	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.00	24.53	24.21	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	24.53	24.32	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.52	24.24	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.90	24.59	24.26	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.94	24.54	24.26	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.95	24.59	24.24	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.95	24.53	24.28	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.10		23.0	0.0
100	PI/2 BPSK	1	137		22.05			
100	PI/2 BPSK	1	271		22.11			
100	PI/2 BPSK	135	0		22.11		23.0	0.0
100	PI/2 BPSK	135	69		22.08		23.0	0.0
100	PI/2 BPSK	135	138		22.03		23.0	0.0
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.15		23.0	0.0
100	QPSK	1	137		22.09			
100	QPSK	1	271		22.03			
100	QPSK	135	0		22.11		23.0	0.0
100	QPSK	135	69		22.13		23.0	0.0
100	QPSK	135	138		22.07		23.0	0.0
100	QPSK	270	0		22.10			
100	16QAM	1	1		22.06		23.0	0.0
100	64QAM	1	1		21.12		22.5	0.5
100	256QAM	1	1		19.43		20.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.95	21.95	22.03	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.99	22.04	22.03	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.93	22.00	22.03	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.98	21.94	21.99	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.94	21.96	21.92	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.00	22.03	22.00	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.93	21.97	22.01	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.99	22.03	21.99	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.94		25.0	0.0
100	PI/2 BPSK	1	137		23.95			
100	PI/2 BPSK	1	271		24.00			
100	PI/2 BPSK	135	0		23.93		25.0	0.0
100	PI/2 BPSK	135	69		23.96		25.0	0.0
100	PI/2 BPSK	135	138		23.92		25.0	0.0
100	PI/2 BPSK	270	0		23.93			
100	QPSK	1	1		24.01		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.96			
100	QPSK	135	0		23.95		25.0	0.0
100	QPSK	135	69		23.98		25.0	0.0
100	QPSK	135	138		23.92		25.0	0.0
100	QPSK	270	0		23.99			
100	16QAM	1	1		23.96		25.0	0.0
100	64QAM	1	1		23.00		24.5	0.5
100	256QAM	1	1		21.35		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.83	23.77	23.81	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.81	23.74	23.76	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.76	23.75	23.77	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.74	23.73	23.73	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.72	23.79	23.79	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.77	23.82	23.76	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.77	23.81	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.75	23.79	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.23		22.0	0.0
100	PI/2 BPSK	1	137		21.23			
100	PI/2 BPSK	1	271		21.25			
100	PI/2 BPSK	135	0		21.23		22.0	0.0
100	PI/2 BPSK	135	69		21.25		22.0	0.0
100	PI/2 BPSK	135	138		21.26		22.0	0.0
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.29		22.0	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.21			
100	QPSK	135	0		21.23		22.0	0.0
100	QPSK	135	69		21.24		22.0	0.0
100	QPSK	135	138		21.21		22.0	0.0
100	QPSK	270	0		21.21			
100	16QAM	1	1		21.22		22.0	0.0
100	64QAM	1	1		20.64		21.5	0.5
100	256QAM	1	1		18.72		19.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.12	21.18	21.16	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.17	21.13	21.09	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.18	21.07	21.10	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.06	21.14	21.12	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.14	21.10	21.15	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.09	21.18	21.12	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.17	21.15	21.11	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.10	21.08	21.10	22.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.54		25.0	0.0
100	PI/2 BPSK	1	137		23.63			
100	PI/2 BPSK	1	271		23.61			
100	PI/2 BPSK	135	0		23.61		25.0	0.0
100	PI/2 BPSK	135	69		23.55		25.0	0.0
100	PI/2 BPSK	135	138		23.52		25.0	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.60			
100	QPSK	1	271		23.59			
100	QPSK	135	0		23.61		25.0	0.0
100	QPSK	135	69		23.63		25.0	0.0
100	QPSK	135	138		23.58		25.0	0.0
100	QPSK	270	0		23.62			
100	16QAM	1	1		23.64		25.0	0.0
100	64QAM	1	1		22.93		24.5	0.5
100	256QAM	1	1		20.97		22.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.37	23.43	23.43	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.38	23.41	23.45	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.39	23.40	23.38	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.34	23.33	23.40	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.41	23.43	23.36	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.40	23.35	23.37	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.44	23.41	23.39	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.45	23.38	23.38	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.42		22.0	0.0
100	PI/2 BPSK	1	137		21.45			
100	PI/2 BPSK	1	271		21.42			
100	PI/2 BPSK	135	0		21.39		22.0	0.0
100	PI/2 BPSK	135	69		21.43		22.0	0.0
100	PI/2 BPSK	135	138		21.46		22.0	0.0
100	PI/2 BPSK	270	0		21.46			
100	QPSK	1	1		21.56		22.0	0.0
100	QPSK	1	137		21.43			
100	QPSK	1	271		21.42			
100	QPSK	135	0		21.41		22.0	0.0
100	QPSK	135	69		21.47		22.0	0.0
100	QPSK	135	138		21.41		22.0	0.0
100	QPSK	270	0		21.39			
100	16QAM	1	1		21.36		22.0	0.0
100	64QAM	1	1		20.54		21.5	0.5
100	256QAM	1	1		18.83		19.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.26	21.34	21.30	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.28	21.33	21.33	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.29	21.28	21.26	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.28	21.28	21.33	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.31	21.26	21.29	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.27	21.29	21.31	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.30	21.28	21.24	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.23	21.32	21.32	22.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.55		25.0	0.0
100	PI/2 BPSK	1	137		23.53			
100	PI/2 BPSK	1	271		23.57			
100	PI/2 BPSK	135	0		23.64		25.0	0.0
100	PI/2 BPSK	135	69		23.61		25.0	0.0
100	PI/2 BPSK	135	138		23.63		25.0	0.0
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		23.69		25.0	0.0
100	QPSK	1	137		23.58			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.61		25.0	0.0
100	QPSK	135	69		23.63		25.0	0.0
100	QPSK	135	138		23.56		25.0	0.0
100	QPSK	270	0		23.54			
100	16QAM	1	1		23.60		25.0	0.0
100	64QAM	1	1		22.81		24.5	0.5
100	256QAM	1	1		21.05		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.34	23.43	23.34	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.43	23.42	23.36	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.34	23.39	23.32	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.34	23.40	23.35	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.39	23.41	23.41	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.42	23.42	23.37	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.33	23.35	23.39	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.41	23.38	23.32	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	23.08	23.00	24.0	0.0
100	PI/2 BPSK	1	137	22.82	23.05	22.94		
100	PI/2 BPSK	1	271	22.86	23.09	23.00		
100	PI/2 BPSK	135	0	22.55	22.66	22.57	23.5	0.5
100	PI/2 BPSK	135	69	22.82	23.01	23.01	24.0	0.0
100	PI/2 BPSK	135	138	22.70	22.71	22.65	23.5	0.5
100	PI/2 BPSK	270	0	22.68	22.75	22.63		
100	QPSK	1	1	22.94	23.18	23.02	24.0	0.0
100	QPSK	1	137	22.89	23.07	22.91		
100	QPSK	1	271	23.08	23.06	23.01		
100	QPSK	135	0	22.19	22.22	22.15	23.0	1.0
100	QPSK	135	69	23.00	23.13	23.02	24.0	0.0
100	QPSK	135	138	22.21	22.25	22.14	23.0	1.0
100	QPSK	270	0	22.15	22.19	22.11		
100	16QAM	1	1	22.27	22.30	22.23	23.0	1.0
100	64QAM	1	1	20.80	20.94	20.81	21.5	2.5
100	256QAM	1	1	19.00	19.08	19.06	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.89	23.14	23.02	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.87	23.11	22.97	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	23.12	22.93	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.95	23.10	22.97	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.96	23.11	22.98	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.94	23.11	23.04	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.92	23.17	23.01	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.96	23.17	22.94	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.82	25.98	25.93	27.0	0.0
100	PI/2 BPSK	1	137	25.71	25.97	25.90		
100	PI/2 BPSK	1	271	25.81	25.97	25.95		
100	PI/2 BPSK	135	0	25.45	25.56	25.46	26.5	0.5
100	PI/2 BPSK	135	69	25.80	25.88	26.00	27.0	0.0
100	PI/2 BPSK	135	138	25.68	25.63	25.61	26.5	0.5
100	PI/2 BPSK	270	0	25.57	25.67	25.59		
100	QPSK	1	1	25.87	26.05	25.97	27.0	0.0
100	QPSK	1	137	25.84	25.98	25.80		
100	QPSK	1	271	26.00	26.01	25.96		
100	QPSK	135	0	25.10	25.10	25.05	26.0	1.0
100	QPSK	135	69	25.99	26.02	25.99	27.0	0.0
100	QPSK	135	138	25.11	25.23	25.02	26.0	1.0
100	QPSK	270	0	25.09	25.10	25.02		
100	16QAM	1	1	25.26	25.21	25.15	26.0	1.0
100	64QAM	1	1	23.71	23.84	23.70	24.5	2.5
100	256QAM	1	1	21.96	21.97	22.00	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.79	26.00	25.95	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.82	25.96	25.97	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.01	25.95	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.81	26.01	25.92	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.86	26.04	25.91	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.87	25.97	25.94	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.81	26.04	25.99	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.82	26.00	25.99	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.22		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.19		23.5	0.5
100	PI/2 BPSK	270	0		22.18			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.71			
100	QPSK	135	0		22.10		23.0	1.0
100	QPSK	135	69		22.67		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.03			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.77		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.83	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.81	22.81	22.83	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.80	22.83	22.74	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.80	22.76	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.75	22.87	22.78	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.72	22.78	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.78	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.77	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.73			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.59		27.0	0.0
100	PI/2 BPSK	135	138		25.13		26.5	0.5
100	PI/2 BPSK	270	0		25.14			
100	QPSK	1	1		25.80		27.0	0.0
100	QPSK	1	137		25.61			
100	QPSK	1	271		25.62			
100	QPSK	135	0		25.01		26.0	1.0
100	QPSK	135	69		25.60		27.0	0.0
100	QPSK	135	138		25.12		26.0	1.0
100	QPSK	270	0		24.93			
100	16QAM	1	1		24.94		26.0	1.0
100	64QAM	1	1		23.36		24.5	2.5
100	256QAM	1	1		21.67		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.70	25.73	25.76	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.77	25.78	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.73	25.71	25.75	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.73	25.75	25.69	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.68	25.77	25.69	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.64	25.69	25.79	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.73	25.74	25.71	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.70	25.78	25.72	27.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.09		24.0	0.0
100	PI/2 BPSK	1	137		23.00			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.67		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.59		23.5	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.13		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.26			
100	16QAM	1	1		22.25		23.0	1.0
100	64QAM	1	1		20.69		21.5	2.5
100	256QAM	1	1		18.78		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.00	23.07	23.05	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.00	23.11	22.98	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.08	23.08	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.05	23.04	23.02	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.98	23.11	22.99	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.07	23.08	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.07	23.11	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.99		27.0	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.75			
100	PI/2 BPSK	135	0		25.61		26.5	0.5
100	PI/2 BPSK	135	69		25.57		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.49			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.80			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.20		26.0	1.0
100	QPSK	135	69		25.75		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.20			
100	16QAM	1	1		25.11		26.0	1.0
100	64QAM	1	1		23.71		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.88	25.92	25.88	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.87	25.88	25.93	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.83	25.97	25.95	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.83	25.90	25.88	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.86	25.96	25.89	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.84	25.94	25.86	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.80	25.88	25.90	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.80	25.90	25.94	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.64		24.0	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.18		23.5	0.5
100	PI/2 BPSK	135	69		22.66		24.0	0.0
100	PI/2 BPSK	135	138		22.16		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.80		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.63			
100	QPSK	135	0		22.08		23.0	1.0
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.01			
100	16QAM	1	1		22.02		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.73	22.73	22.72	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.67	22.72	22.78	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.76	22.75	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.69	22.75	22.73	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.79	22.72	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.72	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.73	22.77	22.75	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.78	22.71	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.67			
100	PI/2 BPSK	135	0		25.00		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.04		26.5	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.74		27.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.97		26.0	1.0
100	QPSK	135	69		25.56		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		24.84			
100	16QAM	1	1		24.82		26.0	1.0
100	64QAM	1	1		23.14		24.5	2.5
100	256QAM	1	1		21.60		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.67	25.66	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.72	25.67	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.67	25.66	25.71	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.68	25.66	25.73	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.73	25.73	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.62	25.64	25.69	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.62	25.62	25.72	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.63	25.63	25.72	27.0	0.0

Reduced Power Mode for DSI 6&7

n2 Ant 0 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.27	23.30	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.32	23.29	23.24		
20	PI/2 BPSK	1	104	23.24	23.25	23.15		
20	PI/2 BPSK	50	0	23.34	23.33	23.24	24.0	0.0
20	PI/2 BPSK	50	28	23.25	23.29	23.18	24.0	0.0
20	PI/2 BPSK	50	56	23.27	23.30	23.26	24.0	0.0
20	PI/2 BPSK	100	0	23.25	23.32	23.23		
20	QPSK	1	1	23.36	23.37	23.34	24.0	0.0
20	QPSK	1	53	23.30	23.32	23.28		
20	QPSK	1	104	23.17	23.23	23.17		
20	QPSK	50	0	23.26	23.30	23.24	24.0	0.0
20	QPSK	50	28	23.27	23.33	23.21	24.0	0.0
20	QPSK	50	56	23.21	23.27	23.20	24.0	0.0
20	QPSK	100	0	23.33	23.33	23.29		
20	16QAM	1	1	23.21	23.23	23.14	24.0	0.0
20	64QAM	1	1	21.87	21.94	21.85	22.5	1.5
20	256QAM	1	1	19.93	19.93	19.85	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.28	23.26	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.25	23.29	23.23	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.26	23.23	24.0	0.0

n7 Ant 0 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.97	22.03	21.82	22.5	0.0
20	PI/2 BPSK	1	53	22.02	22.09	21.88		
20	PI/2 BPSK	1	104	22.01	22.05	21.82		
20	PI/2 BPSK	50	0	21.92	22.08	21.90	22.5	0.0
20	PI/2 BPSK	50	28	21.94	22.04	21.82	22.5	0.0
20	PI/2 BPSK	50	56	21.91	22.07	21.91	22.5	0.0
20	PI/2 BPSK	100	0	21.95	22.08	21.91		
20	QPSK	1	1	22.01	22.13	21.86	22.5	0.0
20	QPSK	1	53	21.92	22.00	21.83		
20	QPSK	1	104	21.98	22.08	21.83		
20	QPSK	50	0	21.94	22.07	21.87	22.5	0.0
20	QPSK	50	28	21.99	22.10	21.91	22.5	0.0
20	QPSK	50	56	21.92	22.09	21.81	22.5	0.0
20	QPSK	100	0	21.98	22.00	21.89		
20	16QAM	1	1	21.96	21.99	21.84	22.5	0.0
20	64QAM	1	1	21.96	22.08	21.89	22.5	0.0
20	256QAM	1	1	20.07	20.02	19.83	20.5	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.91	21.97	21.81	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.94	21.90	21.73	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.92	21.89	21.71	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.16	23.29	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.23	23.32	23.23		
20	PI/2 BPSK	1	104	23.30	23.38	23.34		
20	PI/2 BPSK	50	0	23.30	23.35	23.23	24.0	0.0
20	PI/2 BPSK	50	28	23.19	23.35	23.32	24.0	0.0
20	PI/2 BPSK	50	56	23.15	23.30	23.28	24.0	0.0
20	PI/2 BPSK	100	0	23.23	23.32	23.22		
20	QPSK	1	1	23.28	23.39	23.35	24.0	0.0
20	QPSK	1	53	23.30	23.36	23.27		
20	QPSK	1	104	23.24	23.33	23.29		
20	QPSK	50	0	23.14	23.28	23.20	24.0	0.0
20	QPSK	50	28	23.20	23.31	23.23	24.0	0.0
20	QPSK	50	56	23.09	23.22	23.18	24.0	0.0
20	QPSK	100	0	23.18	23.32	23.23		
20	16QAM	1	1	23.25	23.38	23.29	24.0	0.0
20	64QAM	1	1	22.02	22.10	22.04	22.5	1.5
20	256QAM	1	1	19.92	19.98	19.87	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.12	23.25	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.14	23.30	23.28	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.24	23.27	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.88		22.5	0.0
10	PI/2 BPSK	1	26		21.81			
10	PI/2 BPSK	1	50		21.80			
10	PI/2 BPSK	25	0		21.91		22.5	0.0
10	PI/2 BPSK	25	14		21.84		22.5	0.0
10	PI/2 BPSK	25	27		21.82		22.5	0.0
10	PI/2 BPSK	50	0		21.89			
10	QPSK	1	1		21.95		22.5	0.0
10	QPSK	1	26		21.91			
10	QPSK	1	50		21.79			
10	QPSK	25	0		21.90		22.5	0.0
10	QPSK	25	14		21.91		22.5	0.0
10	QPSK	25	27		21.89		22.5	0.0
10	QPSK	50	0		21.83			
10	16QAM	1	1		21.91		22.5	0.0
10	64QAM	1	1		21.86		22.5	0.0
10	256QAM	1	1		19.81		20.5	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.43	23.53	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.49	23.40		
20	PI/2 BPSK	1	104	23.27	23.39	23.32		
20	PI/2 BPSK	50	0	23.35	23.48	23.44	24.0	0.0
20	PI/2 BPSK	50	28	23.33	23.40	23.40	24.0	0.0
20	PI/2 BPSK	50	56	23.30	23.42	23.35	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.40	23.32		
20	QPSK	1	1	23.51	23.58	23.57	24.0	0.0
20	QPSK	1	53	23.31	23.41	23.42		
20	QPSK	1	104	23.31	23.38	23.29		
20	QPSK	50	0	23.34	23.41	23.42	24.0	0.0
20	QPSK	50	28	23.37	23.45	23.41	24.0	0.0
20	QPSK	50	56	23.33	23.43	23.42	24.0	0.0
20	QPSK	100	0	23.35	23.45	23.42		
20	16QAM	1	1	23.40	23.53	23.53	24.0	0.0
20	64QAM	1	1	22.18	22.24	22.21	22.5	1.5
20	256QAM	1	1	20.00	20.15	20.08	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.41	23.42	23.42	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.43	23.46	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.52	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.98	23.07	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.08	23.02		
20	PI/2 BPSK	1	104	22.81	23.01	22.95		
20	PI/2 BPSK	50	0	22.93	23.06	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.91	23.11	23.01	24.0	0.0
20	PI/2 BPSK	50	56	22.90	23.09	23.07	24.0	0.0
20	PI/2 BPSK	100	0	22.87	23.03	22.90		
20	QPSK	1	1	23.03	23.13	23.11	24.0	0.0
20	QPSK	1	53	22.95	23.07	23.03		
20	QPSK	1	104	22.86	23.03	22.98		
20	QPSK	50	0	22.92	23.07	23.03	24.0	0.0
20	QPSK	50	28	22.92	23.11	22.98	24.0	0.0
20	QPSK	50	56	22.86	23.04	22.93	24.0	0.0
20	QPSK	100	0	22.90	23.05	23.01		
20	16QAM	1	1	23.00	23.09	23.00	24.0	0.0
20	64QAM	1	1	21.55	21.71	21.65	22.5	1.5
20	256QAM	1	1	19.52	19.71	19.65	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.96	23.09	23.04	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.88	23.03	23.00	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.87	23.09	22.96	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.61	23.64	23.63	24.5	0.0
20	PI/2 BPSK	1	53	23.58	23.64	23.49		
20	PI/2 BPSK	1	104	23.53	23.53	23.44		
20	PI/2 BPSK	50	0	23.59	23.61	23.55	24.5	0.0
20	PI/2 BPSK	50	28	23.55	23.56	23.54	24.5	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.45	24.5	0.0
20	PI/2 BPSK	100	0	23.60	23.64	23.55		
20	QPSK	1	1	23.61	23.65	23.61	24.5	0.0
20	QPSK	1	53	23.60	23.63	23.50		
20	QPSK	1	104	23.39	23.46	23.37		
20	QPSK	50	0	23.59	23.61	23.54	24.5	0.0
20	QPSK	50	28	23.59	23.64	23.52	24.5	0.0
20	QPSK	50	56	23.57	23.57	23.42	24.5	0.0
20	QPSK	100	0	23.57	23.60	23.56		
20	16QAM	1	1	23.60	23.56	23.55	24.5	0.0
20	64QAM	1	1	22.35	22.36	22.30	23.0	1.5
20	256QAM	1	1	20.29	20.38	20.29	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.63	23.62	23.47	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.56	23.59	23.56	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.56	23.58	23.51	24.5	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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.43	21.64	21.51	22.0	0.0
20	PI/2 BPSK	1	53	21.43	21.58	21.43		
20	PI/2 BPSK	1	104	21.35	21.57	21.55		
20	PI/2 BPSK	50	0	21.49	21.61	21.44	22.0	0.0
20	PI/2 BPSK	50	28	21.42	21.63	21.44	22.0	0.0
20	PI/2 BPSK	50	56	21.42	21.54	21.44	22.0	0.0
20	PI/2 BPSK	100	0	21.42	21.59	21.52		
20	QPSK	1	1	21.46	21.68	21.58	22.0	0.0
20	QPSK	1	53	21.41	21.62	21.46		
20	QPSK	1	104	21.45	21.61	21.53		
20	QPSK	50	0	21.51	21.63	21.48	22.0	0.0
20	QPSK	50	28	21.54	21.66	21.52	22.0	0.0
20	QPSK	50	56	21.44	21.63	21.50	22.0	0.0
20	QPSK	100	0	21.37	21.58	21.52		
20	16QAM	1	1	21.42	21.58	21.49	22.0	0.0
20	64QAM	1	1	21.39	21.59	21.44	22.0	0.0
20	256QAM	1	1	19.91	20.04	19.96	20.5	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.43	21.51	21.53	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.37	21.60	21.46	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.37	21.52	21.45	22.0	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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.66	23.68	23.62	24.5	0.0
15	PI/2 BPSK	1	40	23.50	23.50	23.36		
15	PI/2 BPSK	1	77	23.44	23.54	23.44		
15	PI/2 BPSK	36	0	23.57	23.66	23.53	24.5	0.0
15	PI/2 BPSK	36	22	23.32	23.48	23.33	24.5	0.0
15	PI/2 BPSK	36	43	23.27	23.48	23.49	24.5	0.0
15	PI/2 BPSK	75	0	23.62	23.63	23.58		
15	QPSK	1	1	23.79	23.81	23.68	24.5	0.0
15	QPSK	1	40	23.65	23.65	23.58		
15	QPSK	1	77	23.48	23.57	23.38		
15	QPSK	36	0	23.67	23.62	23.63	24.5	0.0
15	QPSK	36	22	23.47	23.68	23.43	24.5	0.0
15	QPSK	36	43	23.47	23.63	23.58	24.5	0.0
15	QPSK	75	0	23.66	23.73	23.68		
15	16QAM	1	1	23.80	23.79	23.70	24.5	0.0
15	64QAM	1	1	22.25	22.34	22.32	23.0	1.5
	256QAM	1	1	20.22	20.41	20.34	21.0	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.68	23.63	24.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.58	23.65	23.67	24.5	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					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.63		24.5	0.0
10	PI/2 BPSK	1	26		23.67			
10	PI/2 BPSK	1	50		23.64			
10	PI/2 BPSK	25	0		23.61		24.5	0.0
10	PI/2 BPSK	25	14		23.56		24.5	0.0
10	PI/2 BPSK	25	27		23.49		24.5	0.0
10	PI/2 BPSK	50	0		23.59			
10	QPSK	1	1		23.68		24.5	0.0
10	QPSK	1	26		23.62			
10	QPSK	1	50		23.58			
10	QPSK	25	0		23.63		24.5	0.0
10	QPSK	25	14		23.65		24.5	0.0
10	QPSK	25	27		23.53		24.5	0.0
10	QPSK	50	0		23.63			
10	16QAM	1	1		23.62		24.5	0.0
10	64QAM	1	1		22.33		23.0	1.5
10	256QAM	1	1		20.37		21.0	3.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.62	23.63	23.61	24.5	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.19	23.22	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.06	23.12	22.97		
20	PI/2 BPSK	1	104	23.17	23.18	22.97		
20	PI/2 BPSK	50	0	23.20	23.25	23.05	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.28	23.06	24.0	0.0
20	PI/2 BPSK	50	56	23.13	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.18	22.99		
20	QPSK	1	1	23.31	23.34	23.19	24.0	0.0
20	QPSK	1	53	23.28	23.31	23.16		
20	QPSK	1	104	23.23	23.31	23.13		
20	QPSK	50	0	23.15	23.25	23.01	24.0	0.0
20	QPSK	50	28	23.19	23.29	23.16	24.0	0.0
20	QPSK	50	56	23.12	23.18	23.05	24.0	0.0
20	QPSK	100	0	23.18	23.21	23.01		
20	16QAM	1	1	23.02	23.13	22.98	24.0	0.0
20	64QAM	1	1	21.83	21.85	21.62	22.5	1.5
20	256QAM	1	1	19.64	19.75	19.60	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.21	23.19	23.06	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.19	23.23	23.04	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.16	23.18	23.07	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	23.25	23.51	23.15	24.5	0.0
20	PI/2 BPSK	1	53	23.26	23.50	23.20		
20	PI/2 BPSK	1	104	23.47	23.64	23.34		
20	PI/2 BPSK	50	0	23.39	23.64	23.27	24.5	0.0
20	PI/2 BPSK	50	28	23.26	23.47	23.14	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.50	23.20	24.5	0.0
20	PI/2 BPSK	100	0	23.28	23.48	23.12		
20	QPSK	1	1	23.48	23.66	23.33	24.5	0.0
20	QPSK	1	53	23.41	23.62	23.29		
20	QPSK	1	104	23.32	23.52	23.13		
20	QPSK	50	0	23.37	23.52	23.22	24.5	0.0
20	QPSK	50	28	23.44	23.62	23.32	24.5	0.0
20	QPSK	50	56	23.41	23.58	23.21	24.5	0.0
20	QPSK	100	0	23.29	23.49	23.19		
20	16QAM	1	1	23.25	23.47	23.13	24.5	0.0
20	64QAM	1	1	21.93	22.19	21.85	23.0	1.5
20	256QAM	1	1	20.08	20.22	19.87	21.0	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.39	23.51	23.29	24.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.41	23.56	23.18	24.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.42	23.53	23.19	24.5	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		19.49		20.0	0.0
10	PI/2 BPSK	1	26		19.55			
10	PI/2 BPSK	1	50		19.43			
10	PI/2 BPSK	25	0		19.52		20.0	0.0
10	PI/2 BPSK	25	14		19.47		20.0	0.0
10	PI/2 BPSK	25	27		19.40		20.0	0.0
10	PI/2 BPSK	50	0		19.55			
10	QPSK	1	1		19.56		20.0	0.0
10	QPSK	1	26		19.52			
10	QPSK	1	50		19.43			
10	QPSK	25	0		19.50		20.0	0.0
10	QPSK	25	14		19.53		20.0	0.0
10	QPSK	25	27		19.42		20.0	0.0
10	QPSK	50	0		19.50			
10	16QAM	1	1		19.51		20.0	0.0
10	64QAM	1	1		19.50		20.0	0.0
10	256QAM	1	1		19.51		20.0	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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.14	23.41	23.06	24.0	0.0
20	PI/2 BPSK	1	53	23.21	23.40	23.01		
20	PI/2 BPSK	1	104	23.05	23.25	22.85		
20	PI/2 BPSK	50	0	23.07	23.36	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.01	23.25	22.88	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.32	22.99	24.0	0.0
20	PI/2 BPSK	100	0	23.03	23.27	22.92		
20	QPSK	1	1	23.26	23.45	23.11	24.0	0.0
20	QPSK	1	53	22.98	23.24	22.83		
20	QPSK	1	104	23.02	23.25	22.87		
20	QPSK	50	0	23.04	23.30	22.92	24.0	0.0
20	QPSK	50	28	23.06	23.34	23.04	24.0	0.0
20	QPSK	50	56	23.00	23.26	22.94	24.0	0.0
20	QPSK	100	0	23.13	23.34	23.04		
20	16QAM	1	1	23.00	23.26	22.92	24.0	0.0
20	64QAM	1	1	21.72	21.93	21.56	22.5	1.5
20	256QAM	1	1	19.64	19.88	19.54	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.18	23.34	22.95	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.21	23.37	23.07	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.20	23.39	23.05	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.25	23.50	23.32	24.5	0.0
20	PI/2 BPSK	1	53	23.10	23.42	23.19		
20	PI/2 BPSK	1	104	23.25	23.53	23.32		
20	PI/2 BPSK	50	0	23.24	23.57	23.29	24.5	0.0
20	PI/2 BPSK	50	28	23.17	23.52	23.24	24.5	0.0
20	PI/2 BPSK	50	56	23.24	23.58	23.28	24.5	0.0
20	PI/2 BPSK	100	0	23.30	23.57	23.29		
20	QPSK	1	1	23.27	23.59	23.33	24.5	0.0
20	QPSK	1	53	23.12	23.45	23.15		
20	QPSK	1	104	23.21	23.52	23.27		
20	QPSK	50	0	23.26	23.53	23.24	24.5	0.0
20	QPSK	50	28	23.27	23.57	23.39	24.5	0.0
20	QPSK	50	56	23.24	23.51	23.26	24.5	0.0
20	QPSK	100	0	23.08	23.44	23.24		
20	16QAM	1	1	23.15	23.50	23.27	24.5	0.0
20	64QAM	1	1	21.88	22.21	21.96	23.0	1.5
20	256QAM	1	1	19.54	19.89	19.62	21.0	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.13	23.53	23.21	24.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.19	23.45	23.27	24.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.12	23.52	23.18	24.5	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.21	23.34	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.22	23.41	23.26		
20	PI/2 BPSK	1	104	23.35	23.53	23.36		
20	PI/2 BPSK	50	0	23.22	23.40	23.30	24.0	0.0
20	PI/2 BPSK	50	28	23.40	23.55	23.46	24.0	0.0
20	PI/2 BPSK	50	56	23.35	23.51	23.34	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.32	23.23		
20	QPSK	1	1	23.41	23.58	23.42	24.0	0.0
20	QPSK	1	53	23.40	23.52	23.36		
20	QPSK	1	104	23.27	23.48	23.36		
20	QPSK	50	0	23.19	23.31	23.21	24.0	0.0
20	QPSK	50	28	23.30	23.47	23.33	24.0	0.0
20	QPSK	50	56	23.21	23.37	23.20	24.0	0.0
20	QPSK	100	0	23.27	23.41	23.23		
20	16QAM	1	1	23.16	23.36	23.23	24.0	0.0
20	64QAM	1	1	21.97	22.09	21.93	22.5	1.5
20	256QAM	1	1	20.04	20.16	20.09	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.31	23.44	23.28	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.37	23.52	23.30	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.49	23.37	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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.03	22.77	24.0	0.0
20	PI/2 BPSK	1	53	23.04	23.16	22.99		
20	PI/2 BPSK	1	104	22.95	23.13	22.88		
20	PI/2 BPSK	50	0	23.06	23.20	23.01	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.03	22.76	24.0	0.0
20	PI/2 BPSK	50	56	23.03	23.22	23.06	24.0	0.0
20	PI/2 BPSK	100	0	23.07	23.22	23.06		
20	QPSK	1	1	23.14	23.33	23.07	24.0	0.0
20	QPSK	1	53	23.00	23.11	22.84		
20	QPSK	1	104	22.98	23.15	22.97		
20	QPSK	50	0	23.02	23.12	22.93	24.0	0.0
20	QPSK	50	28	23.09	23.20	23.00	24.0	0.0
20	QPSK	50	56	22.88	23.09	22.87	24.0	0.0
20	QPSK	100	0	23.00	23.16	22.90		
20	16QAM	1	1	23.03	23.24	23.08	24.0	0.0
20	64QAM	1	1	21.54	21.75	21.56	22.5	1.5
20	256QAM	1	1	19.47	19.60	19.35	20.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.07	23.20	22.96	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.98	23.18	22.99	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	23.21	23.00	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				372000	376500	381000		
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.58	23.60	23.55	24.0	0.0
20	PI/2 BPSK	1	53	23.47	23.51	23.47		
20	PI/2 BPSK	1	104	23.43	23.51	23.39		
20	PI/2 BPSK	50	0	23.57	23.55	23.42	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.61	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.51	23.52	23.41	24.0	0.0
20	PI/2 BPSK	100	0	23.55	23.61	23.59		
20	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
20	QPSK	1	53	23.53	23.55	23.46		
20	QPSK	1	104	23.49	23.49	23.47		
20	QPSK	50	0	23.30	23.34	23.22	24.0	0.0
20	QPSK	50	28	23.56	23.59	23.50	24.0	0.0
20	QPSK	50	56	23.45	23.45	23.32	24.0	0.0
20	QPSK	100	0	23.47	23.54	23.42		
20	16QAM	1	1	23.57	23.65	23.64	24.0	0.0
20	64QAM	1	1	22.27	22.25	22.22	22.5	1.5
20	256QAM	1	1	20.12	20.19	20.16	20.5	3.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.57	23.63	23.45	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.54	23.62	23.44	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.55	23.54	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.12			
10	PI/2 BPSK	1	50		23.15			
10	PI/2 BPSK	25	0		22.64		23.5	0.5
10	PI/2 BPSK	25	14		23.24		24.0	0.0
10	PI/2 BPSK	25	27		22.72		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.28		24.0	0.0
10	QPSK	1	26		23.07			
10	QPSK	1	50		23.14			
10	QPSK	25	0		22.10		23.0	1.0
10	QPSK	25	14		23.23		24.0	0.0
10	QPSK	25	27		22.25		23.0	1.0
10	QPSK	50	0		22.13			
10	16QAM	1	1		22.42		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5

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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				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.60	23.73	23.63	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.63	23.47		
20	PI/2 BPSK	1	104	23.48	23.72	23.51		
20	PI/2 BPSK	50	0	23.50	23.69	23.51	24.0	0.0
20	PI/2 BPSK	50	28	23.54	23.75	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.62	23.81	23.61	24.0	0.0
20	PI/2 BPSK	100	0	23.47	23.70	23.59		
20	QPSK	1	1	23.66	23.84	23.63	24.0	0.0
20	QPSK	1	53	23.47	23.69	23.48		
20	QPSK	1	104	23.52	23.72	23.55		
20	QPSK	50	0	23.53	23.73	23.62	24.0	0.0
20	QPSK	50	28	23.65	23.80	23.61	24.0	0.0
20	QPSK	50	56	23.65	23.78	23.67	24.0	0.0
20	QPSK	100	0	23.47	23.69	23.51		
20	16QAM	1	1	23.59	23.81	23.65	24.0	0.0
20	64QAM	1	1	22.25	22.39	22.19	22.5	1.5
20	256QAM	1	1	20.11	20.32	20.12	20.5	3.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.60	23.68	23.55	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.61	23.70	23.52	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.56	23.75	23.58	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.23	21.26	21.31	22.5	0.0
40	PI/2 BPSK	1	53	21.13	21.28	21.35		
40	PI/2 BPSK	1	104	21.10	21.28	21.31		
40	PI/2 BPSK	50	0	21.33	21.44	21.31	22.5	0.0
40	PI/2 BPSK	50	28	21.30	21.50	21.23	22.5	0.0
40	PI/2 BPSK	50	56	21.12	21.25	21.19	22.5	0.0
40	PI/2 BPSK	100	0	21.16	21.40	21.17		
40	QPSK	1	1	21.36	21.51	21.34	22.5	0.0
40	QPSK	1	53	21.22	21.39	21.25		
40	QPSK	1	104	21.10	21.20	21.27		
40	QPSK	50	0	21.31	21.28	21.30	22.5	0.0
40	QPSK	50	28	21.29	21.47	21.25	22.5	0.0
40	QPSK	50	56	21.26	21.16	21.46	22.5	0.0
40	QPSK	100	0	21.28	21.30	21.24		
40	16QAM	1	1	21.29	21.27	21.32	22.5	0.0
40	64QAM	1	1	21.41	21.43	21.43	22.5	0.0
40	256QAM	1	1	19.37	19.59	19.51	20.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.34	21.43	21.34	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.34	21.43	21.26	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.41	21.46	21.56	22.5	0.0
100	PI/2 BPSK	1	137	21.30	21.43	21.56		
100	PI/2 BPSK	1	271	21.35	21.53	21.55		
100	PI/2 BPSK	135	0	21.56	21.66	21.50	22.5	0.0
100	PI/2 BPSK	135	69	21.52	21.71	21.44	22.5	0.0
100	PI/2 BPSK	135	138	21.31	21.39	21.43	22.5	0.0
100	PI/2 BPSK	270	0	21.40	21.61	21.40		
100	QPSK	1	1	21.55	21.76	21.60	22.5	0.0
100	QPSK	1	137	21.41	21.55	21.49		
100	QPSK	1	271	21.27	21.43	21.43		
100	QPSK	135	0	21.56	21.45	21.51	22.5	0.0
100	QPSK	135	69	21.50	21.67	21.46	22.5	0.0
100	QPSK	135	138	21.42	21.30	21.62	22.5	0.0
100	QPSK	270	0	21.50	21.54	21.47		
100	16QAM	1	1	21.53	21.50	21.46	22.5	0.0
100	64QAM	1	1	21.55	21.67	21.57	22.5	0.0
100	256QAM	1	1	19.45	19.65	19.60	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.32	21.38	21.50	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.28	21.35	21.47	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.36	21.42	21.51	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.27	21.38	21.46	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.31	21.44	21.53	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.27	21.42	21.52	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.36	21.43	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.40	21.44	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.64	24.88	24.72	25.5	0.0
100	PI/2 BPSK	1	137	24.80	24.86	24.80		
100	PI/2 BPSK	1	271	24.80	24.86	24.82		
100	PI/2 BPSK	135	0	24.79	24.83	24.89	25.5	0.0
100	PI/2 BPSK	135	69	24.72	24.81	24.83	25.5	0.0
100	PI/2 BPSK	135	138	24.62	24.89	24.75	25.5	0.0
100	PI/2 BPSK	270	0	24.75	24.88	24.78		
100	QPSK	1	1	24.85	24.91	24.85	25.5	0.0
100	QPSK	1	137	24.71	24.90	24.84		
100	QPSK	1	271	24.73	24.83	24.77		
100	QPSK	135	0	24.75	24.80	24.84	25.5	0.0
100	QPSK	135	69	24.89	24.90	24.78	25.5	0.0
100	QPSK	135	138	24.69	24.84	24.72	25.5	0.0
100	QPSK	270	0	24.70	24.84	24.76		
100	16QAM	1	1	24.64	24.85	24.75	25.5	0.0
100	64QAM	1	1	23.92	24.01	23.90	24.5	1.0
100	256QAM	1	1	22.16	22.21	22.08	22.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.71	24.79	24.77	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.59	24.90	24.70	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.61	24.89	24.70	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.60	24.81	24.69	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.82	24.76	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.68	24.81	24.70	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.70	24.86	24.78	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.65	24.89	24.72	25.5	0.0

n38 Ant 1 DSI6&7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.07	23.07	22.89	24.0	0.0
40	PI/2 BPSK	1	53	22.93	23.03	22.86		
40	PI/2 BPSK	1	104	23.01	23.07	22.79		
40	PI/2 BPSK	50	0	22.99	23.08	22.85	24.0	0.0
40	PI/2 BPSK	50	28	22.85	22.95	23.01	24.0	0.0
40	PI/2 BPSK	50	56	22.92	22.99	22.84	24.0	0.0
40	PI/2 BPSK	100	0	22.95	22.98	22.76		
40	QPSK	1	1	23.13	23.15	22.99	24.0	0.0
40	QPSK	1	53	22.84	22.95	22.92		
40	QPSK	1	104	22.94	22.97	22.95		
40	QPSK	50	0	22.77	22.87	22.74	24.0	0.0
40	QPSK	50	28	22.91	22.97	22.85	24.0	0.0
40	QPSK	50	56	22.81	22.93	22.89	24.0	0.0
40	QPSK	100	0	22.89	22.95	22.87		
40	16QAM	1	1	23.05	23.13	22.88	24.0	0.0
40	64QAM	1	1	21.56	21.76	21.51	22.5	1.5
40	256QAM	1	1	19.64	19.70	19.64	20.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.88	23.00	22.75	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.90	23.00	22.72	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.92	23.07	23.07	24.0	0.0
100	PI/2 BPSK	1	137	23.02	23.13	22.92		
100	PI/2 BPSK	1	271	22.96	23.04	23.05		
100	PI/2 BPSK	135	0	22.93	23.10	23.02	24.0	0.0
100	PI/2 BPSK	135	69	23.01	23.13	23.05	24.0	0.0
100	PI/2 BPSK	135	138	22.90	23.12	23.13	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.20	23.09		
100	QPSK	1	1	23.09	23.29	23.24	24.0	0.0
100	QPSK	1	137	23.09	23.25	23.16		
100	QPSK	1	271	22.97	23.09	23.02		
100	QPSK	135	0	22.50	22.71	22.68	24.0	0.0
100	QPSK	135	69	23.10	23.25	23.17	24.0	0.0
100	QPSK	135	138	22.92	23.09	22.91	24.0	0.0
100	QPSK	270	0	23.19	23.25	23.16		
100	16QAM	1	1	22.42	22.41	22.36	24.0	0.0
100	64QAM	1	1	20.89	21.05	20.96	22.5	1.5
100	256QAM	1	1	19.49	19.71	19.70	20.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.11	22.52	23.21	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.24	22.51	23.11	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.26	22.49	23.27	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.27	22.37	23.10	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.20	22.40	23.26	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.13	22.42	23.15	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.10	22.36	23.12	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.17	22.40	23.28	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.77	25.84	25.71	27.0	0.0
100	PI/2 BPSK	1	137	25.97	26.03	26.01		
100	PI/2 BPSK	1	271	25.65	25.84	25.79		
100	PI/2 BPSK	135	0	25.40	25.43	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.87	26.00	25.85	27.0	0.0
100	PI/2 BPSK	135	138	25.24	25.41	25.34	26.5	0.5
100	PI/2 BPSK	270	0	25.41	25.43	25.23		
100	QPSK	1	1	26.01	26.18	26.04	27.0	0.0
100	QPSK	1	137	26.00	26.11	25.99		
100	QPSK	1	271	25.91	25.97	25.97		
100	QPSK	135	0	24.86	24.93	24.93	26.0	1.0
100	QPSK	135	69	26.02	26.08	25.88	27.0	0.0
100	QPSK	135	138	24.61	24.73	24.60	26.0	1.0
100	QPSK	270	0	24.90	24.91	24.77		
100	16QAM	1	1	24.82	24.73	24.71	26.0	1.0
100	64QAM	1	1	22.59	22.63	22.52	24.5	2.5
100	256QAM	1	1	21.52	21.61	21.50	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.97	26.14	25.87	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.92	26.12	25.88	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.84	26.14	26.01	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.81	26.12	25.86	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.80	26.10	25.90	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.87	26.13	25.85	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.87	25.96	26.01	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.98	26.11	25.83	27.0	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.68	23.72	23.62	25.0	0.0
40	PI/2 BPSK	1	53	23.54	23.65	23.66		
40	PI/2 BPSK	1	104	23.55	23.67	23.55		
40	PI/2 BPSK	50	0	23.58	23.64	23.63	25.0	0.0
40	PI/2 BPSK	50	28	23.57	23.58	23.56	25.0	0.0
40	PI/2 BPSK	50	56	23.55	23.59	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.50	23.63	23.45		
40	QPSK	1	1	23.77	23.81	23.71	25.0	0.0
40	QPSK	1	53	23.70	23.71	23.68		
40	QPSK	1	104	23.66	23.73	23.54		
40	QPSK	50	0	23.70	23.69	23.57	25.0	0.0
40	QPSK	50	28	23.49	23.72	23.55	25.0	0.0
40	QPSK	50	56	23.58	23.57	23.57	25.0	0.0
40	QPSK	100	0	23.48	23.63	23.42		
40	16QAM	1	1	23.68	23.76	23.65	25.0	0.0
40	64QAM	1	1	22.22	22.39	22.36	23.5	1.5
40	256QAM	1	1	20.19	20.28	20.19	21.5	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.70	23.80	23.73	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.67	23.79	23.72	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	23.34	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.52	23.55	23.52		
100	PI/2 BPSK	1	271	23.37	23.47	23.49		
100	PI/2 BPSK	135	0	23.44	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.62	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.55	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.52	23.71	23.71		
100	QPSK	1	1	23.52	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.60	23.80	23.61		
100	QPSK	1	271	23.58	23.61	23.47		
100	QPSK	135	0	23.45	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.24	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.46	23.59	23.58		
100	16QAM	1	1	23.54	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.01	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.08	20.08	19.89	21.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.63	23.63	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.54	23.74	23.51	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.41	23.77	23.59	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.34	23.66	23.59	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.40	23.65	23.52	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.45	23.64	23.49	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.31	23.67	23.60	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.34	23.64	23.51	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	26.14	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.50	26.52	26.48		
100	PI/2 BPSK	1	271	26.45	26.47	26.48		
100	PI/2 BPSK	135	0	25.73	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.76	25.96	25.77		
100	QPSK	1	1	26.47	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.23	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.11	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.40	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.92	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.04	25.23	25.17		
100	16QAM	1	1	24.49	24.51	24.41	26.0	1.0
100	64QAM	1	1	22.91	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.09	21.19	21.10	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.26	26.53	26.54	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.43	26.51	26.51	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.37	26.64	26.46	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.39	26.59	26.39	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.44	26.45	26.36	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.27	26.58	26.54	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.35	26.52	26.49	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.36	26.60	26.32	27.0	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.49	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.54	23.55	23.52		
100	PI/2 BPSK	1	271	23.44	23.47	23.49		
100	PI/2 BPSK	135	0	23.51	23.65	23.51	25.0	0.0
100	PI/2 BPSK	135	69	23.65	23.74	23.73	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.62	23.47	25.0	0.0
100	PI/2 BPSK	270	0	23.55	23.71	23.71		
100	QPSK	1	1	23.75	23.82	23.80	25.0	0.0
100	QPSK	1	137	23.71	23.80	23.61		
100	QPSK	1	271	23.60	23.61	23.47		
100	QPSK	135	0	23.53	23.65	23.46	25.0	0.0
100	QPSK	135	69	23.70	23.74	23.72	25.0	0.0
100	QPSK	135	138	23.27	23.39	23.24	25.0	0.0
100	QPSK	270	0	23.50	23.59	23.58		
100	16QAM	1	1	23.62	23.66	23.49	25.0	0.0
100	64QAM	1	1	22.07	22.10	21.96	23.5	1.5
100	256QAM	1	1	20.07	20.08	19.89	21.5	3.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	23.65	23.71	23.77	25.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	23.62	23.78	23.70	25.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	23.69	23.74	23.75	25.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	23.65	23.77	23.67	25.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	23.67	23.75	23.76	25.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	23.70	23.72	23.77	25.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	23.69	23.74	23.70	25.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	23.68	23.78	23.70	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				510000	518598	528000		
Frequency (MHz)				2550	2592.99	2640		
100	PI/2 BPSK	1	1	26.18	26.27	26.07	27.0	0.0
100	PI/2 BPSK	1	137	26.51	26.52	26.48		
100	PI/2 BPSK	1	271	26.53	26.47	26.48		
100	PI/2 BPSK	135	0	25.76	25.90	25.79	26.5	0.5
100	PI/2 BPSK	135	69	26.37	26.56	26.38	27.0	0.0
100	PI/2 BPSK	135	138	25.80	25.91	25.84	26.5	0.5
100	PI/2 BPSK	270	0	25.78	25.96	25.77		
100	QPSK	1	1	26.52	26.65	26.53	27.0	0.0
100	QPSK	1	137	26.30	26.44	26.44		
100	QPSK	1	271	25.41	25.59	25.47		
100	QPSK	135	0	25.19	25.30	25.10	26.0	1.0
100	QPSK	135	69	26.44	26.58	26.53	27.0	0.0
100	QPSK	135	138	24.96	25.06	24.86	26.0	1.0
100	QPSK	270	0	25.11	25.23	25.17		
100	16QAM	1	1	24.55	24.51	24.41	26.0	1.0
100	64QAM	1	1	23.01	22.98	22.86	24.5	2.5
100	256QAM	1	1	21.08	21.19	21.10	22.5	4.5
Channel				509004	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545.02	2592.99	2644.98		
90	QPSK	1	1	26.44	26.55	26.44	27.0	0.0
Channel				508002	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540.01	2592.99	2649.99		
80	QPSK	1	1	26.51	26.62	26.52	27.0	0.0
Channel				507000	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535	2592.99	2655		
70	QPSK	1	1	26.42	26.58	26.46	27.0	0.0
Channel				506004	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2659.98		
60	QPSK	1	1	26.47	26.63	26.46	27.0	0.0
Channel				505002	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525.01	2592.99	2664.99		
50	QPSK	1	1	26.44	26.59	26.47	27.0	0.0
Channel				504000	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2592.99	2670		
40	QPSK	1	1	26.44	26.61	26.46	27.0	0.0
Channel				503004	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.02	2592.99	2674.98		
30	QPSK	1	1	26.46	26.59	26.50	27.0	0.0
Channel				502002	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.01	2592.99	2679.99		
20	QPSK	1	1	26.49	26.57	26.47	27.0	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	17.05	17.09	17.08	18.0	0.0
100	PI/2 BPSK	1	137	17.04	17.09	17.10		
100	PI/2 BPSK	1	271	16.96	16.98	16.94		
100	PI/2 BPSK	135	0	17.11	17.15	17.04	18.0	0.0
100	PI/2 BPSK	135	69	17.08	17.04	17.17	18.0	0.0
100	PI/2 BPSK	135	138	17.00	17.00	16.96	18.0	0.0
100	PI/2 BPSK	270	0	17.02	17.07	17.01		
100	QPSK	1	1	17.06	17.18	17.15	18.0	0.0
100	QPSK	1	137	17.11	17.17	17.15		
100	QPSK	1	271	17.06	17.15	17.09		
100	QPSK	135	0	17.01	17.14	17.10	18.0	0.0
100	QPSK	135	69	17.06	17.15	17.09	18.0	0.0
100	QPSK	135	138	17.04	17.13	17.01	18.0	0.0
100	QPSK	270	0	16.98	17.08	17.00		
100	16QAM	1	1	17.03	17.16	17.10	18.0	0.0
100	64QAM	1	1	17.08	17.13	17.08	18.0	0.0
100	256QAM	1	1	17.05	17.08	16.95	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.07	17.13	16.95	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.02	17.09	16.93	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.98	17.11	16.96	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.03	17.13	16.95	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.07	17.10	16.98	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.07	17.08	16.96	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.07	17.09	16.94	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.00	17.06	16.99	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.51	20.51	20.44	21.0	0.0
100	PI/2 BPSK	1	137	20.57	20.42	20.46		
100	PI/2 BPSK	1	271	20.61	20.47	20.55		
100	PI/2 BPSK	135	0	20.48	20.51	20.45	21.0	0.0
100	PI/2 BPSK	135	69	20.58	20.48	20.48	21.0	0.0
100	PI/2 BPSK	135	138	20.51	20.46	20.48	21.0	0.0
100	PI/2 BPSK	270	0	20.52	20.56	20.50		
100	QPSK	1	1	20.54	20.71	20.53	21.0	0.0
100	QPSK	1	137	20.48	20.60	20.38		
100	QPSK	1	271	20.51	20.57	20.37		
100	QPSK	135	0	20.60	20.59	20.49	21.0	0.0
100	QPSK	135	69	20.52	20.61	20.45	21.0	0.0
100	QPSK	135	138	20.39	20.50	20.51	21.0	0.0
100	QPSK	270	0	20.54	20.56	20.51		
100	16QAM	1	1	20.56	20.45	20.43	21.0	0.0
100	64QAM	1	1	20.56	20.43	20.49	21.0	0.0
100	256QAM	1	1	20.61	20.44	20.44	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.52	20.60	20.46	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.57	20.54	20.48	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.57	20.57	20.47	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.57	20.59	20.45	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.48	20.58	20.47	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.49	20.55	20.45	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.50	20.59	20.51	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.51	20.60	20.46	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.78		18.0	0.0
100	PI/2 BPSK	1	137		16.78			
100	PI/2 BPSK	1	271		16.75			
100	PI/2 BPSK	135	0		16.81		18.0	0.0
100	PI/2 BPSK	135	69		16.69		18.0	0.0
100	PI/2 BPSK	135	138		16.79		18.0	0.0
100	PI/2 BPSK	270	0		16.80			
100	QPSK	1	1		16.84		18.0	0.0
100	QPSK	1	137		16.76			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.70		18.0	0.0
100	QPSK	135	69		16.77		18.0	0.0
100	QPSK	135	138		16.74		18.0	0.0
100	QPSK	270	0		16.72			
100	16QAM	1	1		16.80		18.0	0.0
100	64QAM	1	1		16.69		18.0	0.0
100	256QAM	1	1		16.75		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.74	16.69	16.71	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.67	16.75	16.64	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.76	16.73	16.60	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.69	16.66	16.61	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.69	16.71	16.69	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.69	16.72	16.64	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.69	16.76	16.71	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.67	16.70	16.62	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.83		21.0	0.0
100	PI/2 BPSK	1	137		16.78			
100	PI/2 BPSK	1	271		16.78			
100	PI/2 BPSK	135	0		16.85		21.0	0.0
100	PI/2 BPSK	135	69		16.75		21.0	0.0
100	PI/2 BPSK	135	138		16.88		21.0	0.0
100	PI/2 BPSK	270	0		16.86			
100	QPSK	1	1		16.91		21.0	0.0
100	QPSK	1	137		16.77			
100	QPSK	1	271		16.89			
100	QPSK	135	0		16.80		21.0	0.0
100	QPSK	135	69		16.85		21.0	0.0
100	QPSK	135	138		16.82		21.0	0.0
100	QPSK	270	0		16.74			
100	16QAM	1	1		16.86		21.0	0.0
100	64QAM	1	1		16.75		21.0	0.0
100	256QAM	1	1		16.82		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.60	19.74	19.77	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.63	19.76	19.79	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.63	19.70	19.69	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.62	19.69	19.67	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.65	19.77	19.70	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.66	19.79	19.77	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.62	19.68	19.77	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.62	19.75	19.79	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.69		18.0	0.0
100	PI/2 BPSK	1	137		16.76			
100	PI/2 BPSK	1	271		16.63			
100	PI/2 BPSK	135	0		16.78		18.0	0.0
100	PI/2 BPSK	135	69		16.72		18.0	0.0
100	PI/2 BPSK	135	138		16.73		18.0	0.0
100	PI/2 BPSK	270	0		16.76			
100	QPSK	1	1		16.82		18.0	0.0
100	QPSK	1	137		16.68			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.72		18.0	0.0
100	QPSK	135	69		16.79		18.0	0.0
100	QPSK	135	138		16.72		18.0	0.0
100	QPSK	270	0		16.76			
100	16QAM	1	1		16.71		18.0	0.0
100	64QAM	1	1		16.66		18.0	0.0
100	256QAM	1	1		16.68		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.60	16.65	16.62	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.58	16.59	16.65	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.52	16.55	16.59	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.61	16.62	16.68	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.54	16.60	16.65	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.60	16.58	16.58	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.58	16.57	16.68	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.61	16.59	16.59	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.19		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.14		21.0	0.0
100	PI/2 BPSK	135	69		20.15		21.0	0.0
100	PI/2 BPSK	135	138		20.09		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.14			
100	QPSK	1	271		20.09			
100	QPSK	135	0		20.11		21.0	0.0
100	QPSK	135	69		20.19		21.0	0.0
100	QPSK	135	138		20.15		21.0	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		20.18		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		20.17		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.89	19.97	19.89	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.81	19.96	19.86	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.85	19.99	19.91	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.86	20.05	19.82	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.84	20.03	19.87	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.88	19.96	19.88	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.80	19.96	19.81	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.85	19.96	19.79	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.76		18.0	0.0
100	PI/2 BPSK	1	137		16.61			
100	PI/2 BPSK	1	271		16.66			
100	PI/2 BPSK	135	0		16.67		18.0	0.0
100	PI/2 BPSK	135	69		16.76		18.0	0.0
100	PI/2 BPSK	135	138		16.64		18.0	0.0
100	PI/2 BPSK	270	0		16.75			
100	QPSK	1	1		16.80		18.0	0.0
100	QPSK	1	137		16.72			
100	QPSK	1	271		16.61			
100	QPSK	135	0		16.71		18.0	0.0
100	QPSK	135	69		16.76		18.0	0.0
100	QPSK	135	138		16.73		18.0	0.0
100	QPSK	270	0		16.74			
100	16QAM	1	1		16.74		18.0	0.0
100	64QAM	1	1		16.63		18.0	0.0
100	256QAM	1	1		16.68		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.60	16.67	16.69	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.61	16.74	16.71	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.63	16.64	16.63	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.64	16.66	16.70	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.55	16.68	16.72	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.60	16.67	16.66	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.57	16.75	16.69	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.62	16.68	16.70	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.76			
100	PI/2 BPSK	1	137		19.87		21.0	0.0
100	PI/2 BPSK	1	271		19.71			
100	PI/2 BPSK	135	0		19.77		21.0	0.0
100	PI/2 BPSK	135	69		19.78		21.0	0.0
100	PI/2 BPSK	135	138		19.89		21.0	0.0
100	PI/2 BPSK	270	0		19.70			
100	QPSK	1	1		19.92			
100	QPSK	1	137		19.67		21.0	0.0
100	QPSK	1	271		19.68			
100	QPSK	135	0		19.79		21.0	0.0
100	QPSK	135	69		19.84		21.0	0.0
100	QPSK	135	138		19.77		21.0	0.0
100	QPSK	270	0		19.70			
100	16QAM	1	1		19.86		21.0	0.0
100	64QAM	1	1		19.83		21.0	0.0
100	256QAM	1	1		19.69		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.75	19.70	19.69	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.76	19.79	19.73	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.74	19.75	19.72	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.71	19.79	19.68	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.82	19.74	19.74	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.73	19.74	19.68	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.78	19.72	19.69	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.82	19.70	19.70	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.35	22.21	23.0	0.0
100	PI/2 BPSK	1	137	22.19	22.25	22.21		
100	PI/2 BPSK	1	271	22.14	22.23	22.21		
100	PI/2 BPSK	135	0	22.24	22.29	22.18	23.0	0.0
100	PI/2 BPSK	135	69	22.17	22.23	22.18	23.0	0.0
100	PI/2 BPSK	135	138	22.17	22.23	22.23	23.0	0.0
100	PI/2 BPSK	270	0	22.13	22.25	22.26		
100	QPSK	1	1	22.23	22.50	22.30	23.0	0.0
100	QPSK	1	137	22.18	22.23	22.18		
100	QPSK	1	271	22.35	22.43	22.22		
100	QPSK	135	0	22.20	22.29	22.31	23.0	0.0
100	QPSK	135	69	22.25	22.36	22.21	23.0	0.0
100	QPSK	135	138	22.35	22.33	22.22	23.0	0.0
100	QPSK	270	0	22.17	22.20	22.14		
100	16QAM	1	1	22.07	22.09	22.11	23.0	0.0
100	64QAM	1	1	21.02	21.18	21.09	21.5	1.5
100	256QAM	1	1	19.03	19.07	19.08	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.22	22.33	22.20	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.21	22.29	22.18	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.28	22.27	22.19	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.25	22.24	22.26	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.27	22.25	22.16	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.19	22.31	22.21	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.22	22.29	22.17	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.27	22.25	22.22	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.19	25.34	25.23	26.0	0.0
100	PI/2 BPSK	1	137	25.15	25.26	25.13		
100	PI/2 BPSK	1	271	25.17	25.24	25.32		
100	PI/2 BPSK	135	0	25.15	25.39	25.25	26.0	0.0
100	PI/2 BPSK	135	69	25.16	25.23	25.23	26.0	0.0
100	PI/2 BPSK	135	138	25.19	25.31	25.23	26.0	0.0
100	PI/2 BPSK	270	0	25.23	25.30	25.27		
100	QPSK	1	1	25.28	25.51	25.33	26.0	0.0
100	QPSK	1	137	25.18	25.34	25.16		
100	QPSK	1	271	25.40	25.43	25.22		
100	QPSK	135	0	25.34	25.42	25.37	26.0	0.0
100	QPSK	135	69	25.22	25.44	25.13	26.0	0.0
100	QPSK	135	138	25.43	25.36	25.29	26.0	0.0
100	QPSK	270	0	25.22	25.25	25.13		
100	16QAM	1	1	25.11	25.09	25.12	26.0	0.0
100	64QAM	1	1	24.03	24.21	24.09	24.5	1.5
100	256QAM	1	1	22.01	22.09	22.16	22.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.35	25.39	25.27	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.37	25.43	25.27	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.38	25.36	25.29	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.43	25.44	25.30	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.40	25.44	25.22	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.42	25.41	25.25	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.32	25.40	25.22	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.42	25.34	25.31	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.74		23.0	0.0
100	PI/2 BPSK	1	137		21.71			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.76		23.0	0.0
100	PI/2 BPSK	135	69		21.78		23.0	0.0
100	PI/2 BPSK	135	138		21.90		23.0	0.0
100	PI/2 BPSK	270	0		21.69			
100	QPSK	1	1		22.04		23.0	0.0
100	QPSK	1	137		21.89			
100	QPSK	1	271		21.78			
100	QPSK	135	0		21.93		23.0	0.0
100	QPSK	135	69		21.98		23.0	0.0
100	QPSK	135	138		21.81		23.0	0.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		22.01		23.0	0.0
100	64QAM	1	1		20.57		21.5	1.5
100	256QAM	1	1		18.68		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.87	21.93	21.91	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.86	21.84	21.92	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.84	21.90	21.91	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.84	21.91	21.89	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.84	21.93	21.86	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.83	21.94	21.85	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.79	21.95	21.88	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.83	21.95	21.82	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.85		26.0	0.0
100	PI/2 BPSK	1	137		24.82			
100	PI/2 BPSK	1	271		24.95			
100	PI/2 BPSK	135	0		24.79		26.0	0.0
100	PI/2 BPSK	135	69		24.78		26.0	0.0
100	PI/2 BPSK	135	138		24.96		26.0	0.0
100	PI/2 BPSK	270	0		24.78			
100	QPSK	1	1		25.11		26.0	0.0
100	QPSK	1	137		24.88			
100	QPSK	1	271		24.76			
100	QPSK	135	0		24.86		26.0	0.0
100	QPSK	135	69		24.97		26.0	0.0
100	QPSK	135	138		24.82		26.0	0.0
100	QPSK	270	0		25.07			
100	16QAM	1	1		25.06		26.0	0.0
100	64QAM	1	1		23.56		24.5	1.5
100	256QAM	1	1		21.75		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.91	24.97	24.90	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.97	25.00	24.94	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.89	25.03	24.91	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.94	24.96	24.92	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.88	24.91	24.89	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.96	24.98	24.95	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.90	24.93	24.98	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.95	25.00	24.98	26.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.32		23.0	0.0
100	PI/2 BPSK	1	137		22.34			
100	PI/2 BPSK	1	271		22.19			
100	PI/2 BPSK	135	0		22.36		23.0	0.0
100	PI/2 BPSK	135	69		22.26		23.0	0.0
100	PI/2 BPSK	135	138		22.18		23.0	0.0
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.47		23.0	0.0
100	QPSK	1	137		22.28			
100	QPSK	1	271		22.28			
100	QPSK	135	0		22.33		23.0	0.0
100	QPSK	135	69		22.35		23.0	0.0
100	QPSK	135	138		22.29		23.0	0.0
100	QPSK	270	0		22.18			
100	16QAM	1	1		22.06		23.0	0.0
100	64QAM	1	1		20.94		21.5	1.5
100	256QAM	1	1		19.02		19.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.18	22.21	22.35	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.21	22.21	22.36	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.22	22.28	22.27	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.19	22.21	22.35	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.21	22.29	22.26	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.23	22.30	22.35	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.24	22.25	22.33	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.19	22.31	22.29	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.27		26.0	0.0
100	PI/2 BPSK	1	137		25.24			
100	PI/2 BPSK	1	271		25.07			
100	PI/2 BPSK	135	0		25.34		26.0	0.0
100	PI/2 BPSK	135	69		25.17		26.0	0.0
100	PI/2 BPSK	135	138		24.99		26.0	0.0
100	PI/2 BPSK	270	0		25.22			
100	QPSK	1	1		25.45		26.0	0.0
100	QPSK	1	137		25.16			
100	QPSK	1	271		25.25			
100	QPSK	135	0		25.32		26.0	0.0
100	QPSK	135	69		25.34		26.0	0.0
100	QPSK	135	138		25.23		26.0	0.0
100	QPSK	270	0		25.13			
100	16QAM	1	1		24.85		26.0	0.0
100	64QAM	1	1		23.85		24.5	1.5
100	256QAM	1	1		21.94		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.18	25.21	25.20	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.14	25.17	25.24	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.16	25.23	25.14	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.15	25.17	25.16	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.20	25.22	25.15	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.08	25.24	25.16	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.12	25.25	25.24	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.12	25.18	25.21	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.71		23.0	0.0
100	PI/2 BPSK	1	137		21.67			
100	PI/2 BPSK	1	271		21.85			
100	PI/2 BPSK	135	0		21.72		23.0	0.0
100	PI/2 BPSK	135	69		21.69		23.0	0.0
100	PI/2 BPSK	135	138		21.85		23.0	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		21.94		23.0	0.0
100	QPSK	1	137		21.74			
100	QPSK	1	271		21.79			
100	QPSK	135	0		21.85		23.0	0.0
100	QPSK	135	69		21.87		23.0	0.0
100	QPSK	135	138		21.75		23.0	0.0
100	QPSK	270	0		21.87			
100	16QAM	1	1		21.91		23.0	0.0
100	64QAM	1	1		20.48		21.5	1.5
100	256QAM	1	1		18.67		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.77	21.89	21.88	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.78	21.83	21.84	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.72	21.85	21.87	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.83	21.83	21.84	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.73	21.89	21.85	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.76	21.79	21.81	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.77	21.79	21.80	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.83	21.89	21.80	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.72		26.0	0.0
100	PI/2 BPSK	1	137		24.82			
100	PI/2 BPSK	1	271		24.79			
100	PI/2 BPSK	135	0		24.74		26.0	0.0
100	PI/2 BPSK	135	69		24.76		26.0	0.0
100	PI/2 BPSK	135	138		24.79		26.0	0.0
100	PI/2 BPSK	270	0		24.73			
100	QPSK	1	1		25.05		26.0	0.0
100	QPSK	1	137		24.89			
100	QPSK	1	271		24.81			
100	QPSK	135	0		24.80		26.0	0.0
100	QPSK	135	69		24.83		26.0	0.0
100	QPSK	135	138		24.74		26.0	0.0
100	QPSK	270	0		24.86			
100	16QAM	1	1		25.02		26.0	0.0
100	64QAM	1	1		23.53		24.5	1.5
100	256QAM	1	1		21.73		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.83	24.79	24.80	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.73	24.87	24.75	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.82	24.88	24.80	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.75	24.84	24.75	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.79	24.86	24.75	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.83	24.88	24.75	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.81	24.83	24.74	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.75	24.89	24.85	26.0	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	19.25	19.75	19.46	20.0	0.0
100	PI/2 BPSK	1	137	19.21	19.73	19.36		
100	PI/2 BPSK	1	271	19.16	19.68	19.45		
100	PI/2 BPSK	135	0	19.26	19.76	19.51	20.0	0.0
100	PI/2 BPSK	135	69	19.19	19.67	19.41	20.0	0.0
100	PI/2 BPSK	135	138	19.14	19.76	19.51	20.0	0.0
100	PI/2 BPSK	270	0	19.20	19.67	19.41		
100	QPSK	1	1	19.42	19.80	19.57	20.0	0.0
100	QPSK	1	137	19.24	19.73	19.45		
100	QPSK	1	271	19.34	19.71	19.51		
100	QPSK	135	0	19.16	19.68	19.44	20.0	0.0
100	QPSK	135	69	19.41	19.77	19.44	20.0	0.0
100	QPSK	135	138	19.22	19.75	19.51	20.0	0.0
100	QPSK	270	0	19.11	19.65	19.35		
100	16QAM	1	1	19.18	19.63	19.44	20.0	0.0
100	64QAM	1	1	19.13	19.71	19.32	20.0	0.0
100	256QAM	1	1	19.24	19.72	19.53	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.17	19.62	19.42	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.21	19.64	19.51	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.19	19.68	19.45	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.20	19.61	19.43	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.21	19.67	19.51	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.23	19.61	19.50	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.16	19.65	19.50	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.21	19.69	19.45	20.0	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	20.94	21.64	21.26	22.0	0.0
100	PI/2 BPSK	1	137	21.00	21.59	21.30		
100	PI/2 BPSK	1	271	20.94	21.45	21.28		
100	PI/2 BPSK	135	0	20.90	21.59	21.16	22.0	0.0
100	PI/2 BPSK	135	69	20.93	21.56	21.31	22.0	0.0
100	PI/2 BPSK	135	138	21.00	21.54	21.34	22.0	0.0
100	PI/2 BPSK	270	0	21.01	21.51	21.21		
100	QPSK	1	1	20.95	21.73	21.34	22.0	0.0
100	QPSK	1	137	20.95	21.65	21.31		
100	QPSK	1	271	20.97	21.64	21.35		
100	QPSK	135	0	21.06	21.56	21.37	22.0	0.0
100	QPSK	135	69	20.92	21.57	21.32	22.0	0.0
100	QPSK	135	138	20.99	21.56	21.20	22.0	0.0
100	QPSK	270	0	20.91	21.50	21.24		
100	16QAM	1	1	21.02	21.61	21.36	22.0	0.0
100	64QAM	1	1	20.96	21.63	21.26	22.0	0.0
100	256QAM	1	1	20.99	21.55	21.26	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.06	21.57	21.30	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.96	21.57	21.30	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.04	21.54	21.34	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.04	21.54	21.34	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.96	21.54	21.32	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.05	21.59	21.33	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.03	21.53	21.33	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.97	21.55	21.28	22.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.09		20.0	0.0
100	PI/2 BPSK	1	137		19.08			
100	PI/2 BPSK	1	271		19.15			
100	PI/2 BPSK	135	0		19.15		20.0	0.0
100	PI/2 BPSK	135	69		19.05		20.0	0.0
100	PI/2 BPSK	135	138		19.08		20.0	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.21		20.0	0.0
100	QPSK	1	137		19.08			
100	QPSK	1	271		19.03			
100	QPSK	135	0		19.08		20.0	0.0
100	QPSK	135	69		19.16		20.0	0.0
100	QPSK	135	138		19.02		20.0	0.0
100	QPSK	270	0		19.11			
100	16QAM	1	1		19.12		20.0	0.0
100	64QAM	1	1		19.01		20.0	0.0
100	256QAM	1	1		19.14		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.92	18.96	19.05	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.93	18.96	19.07	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.99	18.92	19.04	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.00	18.91	19.00	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.93	19.01	19.01	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.93	18.91	19.06	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.97	18.95	19.07	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.89	18.90	19.01	20.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.91		22.0	0.0
100	PI/2 BPSK	1	137		20.98			
100	PI/2 BPSK	1	271		20.95			
100	PI/2 BPSK	135	0		20.94		22.0	0.0
100	PI/2 BPSK	135	69		20.95		22.0	0.0
100	PI/2 BPSK	135	138		20.88		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.05		22.0	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		20.90			
100	QPSK	135	0		20.90		22.0	0.0
100	QPSK	135	69		20.96		22.0	0.0
100	QPSK	135	138		20.91		22.0	0.0
100	QPSK	270	0		20.96			
100	16QAM	1	1		20.96		22.0	0.0
100	64QAM	1	1		20.98		22.0	0.0
100	256QAM	1	1		20.98		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.78	20.76	20.87	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.86	20.75	20.85	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.83	20.79	20.86	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.88	20.75	20.77	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.79	20.82	20.81	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.87	20.72	20.85	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.81	20.76	20.85	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.87	20.81	20.86	22.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.23		19.0	0.0
100	PI/2 BPSK	1	137		18.18			
100	PI/2 BPSK	1	271		18.23			
100	PI/2 BPSK	135	0		18.26		19.0	0.0
100	PI/2 BPSK	135	69		18.23		19.0	0.0
100	PI/2 BPSK	135	138		18.27		19.0	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.33		19.0	0.0
100	QPSK	1	137		18.30			
100	QPSK	1	271		18.25			
100	QPSK	135	0		18.19		19.0	0.0
100	QPSK	135	69		18.25		19.0	0.0
100	QPSK	135	138		18.20		19.0	0.0
100	QPSK	270	0		18.20			
100	16QAM	1	1		18.23		19.0	0.0
100	64QAM	1	1		18.24		19.0	0.0
100	256QAM	1	1		18.22		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.08	18.21	18.11	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.09	18.20	18.17	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.16	18.16	18.17	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.14	18.13	18.16	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.15	18.21	18.18	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.07	18.18	18.11	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.06	18.23	18.14	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.12	18.14	18.19	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.52		22.0	0.0
100	PI/2 BPSK	1	137		20.56			
100	PI/2 BPSK	1	271		20.61			
100	PI/2 BPSK	135	0		20.57		22.0	0.0
100	PI/2 BPSK	135	69		20.60		22.0	0.0
100	PI/2 BPSK	135	138		20.49		22.0	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.63		22.0	0.0
100	QPSK	1	137		20.60			
100	QPSK	1	271		20.61			
100	QPSK	135	0		20.58		22.0	0.0
100	QPSK	135	69		20.59		22.0	0.0
100	QPSK	135	138		20.56		22.0	0.0
100	QPSK	270	0		20.61			
100	16QAM	1	1		20.59		22.0	0.0
100	64QAM	1	1		20.59		22.0	0.0
100	256QAM	1	1		20.57		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.32	20.47	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.40	20.44	20.46	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.41	20.47	20.49	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.41	20.37	20.37	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.38	20.39	20.39	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.38	20.37	20.42	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.46	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.43	20.47	20.49	22.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.45		19.0	0.0
100	PI/2 BPSK	1	137		18.44			
100	PI/2 BPSK	1	271		18.45			
100	PI/2 BPSK	135	0		18.34		19.0	0.0
100	PI/2 BPSK	135	69		18.38		19.0	0.0
100	PI/2 BPSK	135	138		18.44		19.0	0.0
100	PI/2 BPSK	270	0		18.45			
100	QPSK	1	1		18.62		19.0	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.48			
100	QPSK	135	0		18.38		19.0	0.0
100	QPSK	135	69		18.49		19.0	0.0
100	QPSK	135	138		18.40		19.0	0.0
100	QPSK	270	0		18.40			
100	16QAM	1	1		18.30		19.0	0.0
100	64QAM	1	1		18.54		19.0	0.0
100	256QAM	1	1		18.53		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.26	18.37	18.30	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.29	18.36	18.30	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.27	18.35	18.34	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.22	18.38	18.35	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.30	18.31	18.31	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.29	18.32	18.24	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.21	18.36	18.30	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.30	18.36	18.30	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.56		22.0	0.0
100	PI/2 BPSK	1	137		20.52			
100	PI/2 BPSK	1	271		20.56			
100	PI/2 BPSK	135	0		20.60		22.0	0.0
100	PI/2 BPSK	135	69		20.59		22.0	0.0
100	PI/2 BPSK	135	138		20.61		22.0	0.0
100	PI/2 BPSK	270	0		20.51			
100	QPSK	1	1		20.68		22.0	0.0
100	QPSK	1	137		20.63			
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.58		22.0	0.0
100	QPSK	135	69		20.62		22.0	0.0
100	QPSK	135	138		20.56		22.0	0.0
100	QPSK	270	0		20.56			
100	16QAM	1	1		20.57		22.0	0.0
100	64QAM	1	1		20.61		22.0	0.0
100	256QAM	1	1		20.55		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.29	20.38	20.29	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.30	20.37	20.32	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.32	20.41	20.30	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.32	20.43	20.39	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.40	20.39	20.38	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.39	20.45	20.31	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.31	20.49	20.38	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.30	20.45	20.29	22.0	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	22.86	23.08	23.00	24.0	0.0
100	PI/2 BPSK	1	137	22.82	23.05	22.94		
100	PI/2 BPSK	1	271	22.86	23.09	23.00		
100	PI/2 BPSK	135	0	22.55	22.66	22.57	23.5	0.5
100	PI/2 BPSK	135	69	22.82	23.01	23.01	24.0	0.0
100	PI/2 BPSK	135	138	22.70	22.71	22.65	23.5	0.5
100	PI/2 BPSK	270	0	22.68	22.75	22.63		
100	QPSK	1	1	22.94	23.18	23.02	24.0	0.0
100	QPSK	1	137	22.89	23.07	22.91		
100	QPSK	1	271	23.08	23.06	23.01		
100	QPSK	135	0	22.19	22.22	22.15	23.0	1.0
100	QPSK	135	69	23.00	23.13	23.02	24.0	0.0
100	QPSK	135	138	22.21	22.25	22.14	23.0	1.0
100	QPSK	270	0	22.15	22.19	22.11		
100	16QAM	1	1	22.27	22.30	22.23	23.0	1.0
100	64QAM	1	1	20.80	20.94	20.81	21.5	2.5
100	256QAM	1	1	19.00	19.08	19.06	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.89	23.14	23.02	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.87	23.11	22.97	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	23.12	22.93	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.95	23.10	22.97	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.96	23.11	22.98	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.94	23.11	23.04	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.92	23.17	23.01	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.96	23.17	22.94	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.82	25.98	25.93	27.0	0.0
100	PI/2 BPSK	1	137	25.71	25.97	25.90		
100	PI/2 BPSK	1	271	25.81	25.97	25.95		
100	PI/2 BPSK	135	0	25.45	25.56	25.46	26.5	0.5
100	PI/2 BPSK	135	69	25.80	25.88	26.00	27.0	0.0
100	PI/2 BPSK	135	138	25.68	25.63	25.61	26.5	0.5
100	PI/2 BPSK	270	0	25.57	25.67	25.59		
100	QPSK	1	1	25.87	26.05	25.97	27.0	0.0
100	QPSK	1	137	25.84	25.98	25.80		
100	QPSK	1	271	26.00	26.01	25.96		
100	QPSK	135	0	25.10	25.10	25.05	26.0	1.0
100	QPSK	135	69	25.99	26.02	25.99	27.0	0.0
100	QPSK	135	138	25.11	25.23	25.02	26.0	1.0
100	QPSK	270	0	25.09	25.10	25.02		
100	16QAM	1	1	25.26	25.21	25.15	26.0	1.0
100	64QAM	1	1	23.71	23.84	23.70	24.5	2.5
100	256QAM	1	1	21.96	21.97	22.00	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.79	26.00	25.95	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.82	25.96	25.97	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.01	25.95	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.81	26.01	25.92	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.86	26.04	25.91	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.87	25.97	25.94	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.81	26.04	25.99	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.82	26.00	25.99	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.75		24.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.22		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.19		23.5	0.5
100	PI/2 BPSK	270	0		22.18			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.71			
100	QPSK	135	0		22.10		23.0	1.0
100	QPSK	135	69		22.67		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.03			
100	16QAM	1	1		22.06		23.0	1.0
100	64QAM	1	1		20.42		21.5	2.5
100	256QAM	1	1		18.77		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.78	22.83	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.81	22.81	22.83	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.80	22.83	22.74	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.80	22.76	22.82	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.75	22.87	22.78	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.72	22.78	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.78	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.77	22.76	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.73			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.59		27.0	0.0
100	PI/2 BPSK	135	138		25.13		26.5	0.5
100	PI/2 BPSK	270	0		25.14			
100	QPSK	1	1		25.80		27.0	0.0
100	QPSK	1	137		25.61			
100	QPSK	1	271		25.62			
100	QPSK	135	0		25.01		26.0	1.0
100	QPSK	135	69		25.60		27.0	0.0
100	QPSK	135	138		25.12		26.0	1.0
100	QPSK	270	0		24.93			
100	16QAM	1	1		24.94		26.0	1.0
100	64QAM	1	1		23.36		24.5	2.5
100	256QAM	1	1		21.67		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.70	25.73	25.76	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.77	25.78	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.73	25.71	25.75	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.73	25.75	25.69	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.68	25.77	25.69	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.64	25.69	25.79	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.73	25.74	25.71	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.70	25.78	25.72	27.0	0.0

Part27O n78 Ant 5 DSI6&7

BW [MHz]	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		23.09		24.0	0.0
100	PI/2 BPSK	1	137		23.00			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.67		23.5	0.5
100	PI/2 BPSK	135	69		22.70		24.0	0.0
100	PI/2 BPSK	135	138		22.59		23.5	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.13		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.24		23.0	1.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		22.19		23.0	1.0
100	QPSK	270	0		22.26			
100	16QAM	1	1		22.25		23.0	1.0
100	64QAM	1	1		20.69		21.5	2.5
100	256QAM	1	1		18.78		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.00	23.07	23.05	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.00	23.11	22.98	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.08	23.08	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.05	23.04	23.02	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.98	23.11	22.99	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.07	23.08	23.00	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.07	23.11	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.99		27.0	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.75			
100	PI/2 BPSK	135	0		25.61		26.5	0.5
100	PI/2 BPSK	135	69		25.57		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.49			
100	QPSK	1	1		26.01		27.0	0.0
100	QPSK	1	137		25.80			
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.20		26.0	1.0
100	QPSK	135	69		25.75		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		25.20			
100	16QAM	1	1		25.11		26.0	1.0
100	64QAM	1	1		23.71		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.88	25.92	25.88	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.87	25.88	25.93	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.83	25.97	25.95	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.83	25.90	25.88	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.86	25.96	25.89	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.84	25.94	25.86	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.80	25.88	25.90	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.80	25.90	25.94	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.64		24.0	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.18		23.5	0.5
100	PI/2 BPSK	135	69		22.66		24.0	0.0
100	PI/2 BPSK	135	138		22.16		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.80		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.63			
100	QPSK	135	0		22.08		23.0	1.0
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		22.09		23.0	1.0
100	QPSK	270	0		22.01			
100	16QAM	1	1		22.02		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		18.67		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.73	22.73	22.72	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.67	22.72	22.78	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.78	22.76	22.75	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.69	22.75	22.73	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.79	22.72	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.74	22.72	22.75	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.73	22.77	22.75	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.70	22.78	22.71	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.67			
100	PI/2 BPSK	135	0		25.00		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.04		26.5	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.74		27.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.97		26.0	1.0
100	QPSK	135	69		25.56		27.0	0.0
100	QPSK	135	138		25.03		26.0	1.0
100	QPSK	270	0		24.84			
100	16QAM	1	1		24.82		26.0	1.0
100	64QAM	1	1		23.14		24.5	2.5
100	256QAM	1	1		21.60		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.67	25.66	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.72	25.67	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.67	25.66	25.71	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.68	25.66	25.73	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.73	25.73	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.62	25.64	25.69	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.62	25.62	25.72	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.63	25.63	25.72	27.0	0.0

<2.4GHz WLAN>

				Ant 8 Full power& Head Standalone& Bodyworn Sensor on		Ant 9 Full power& Head Standalone& Bodyworn Sensor on		Ant 8+9 Full power& Head Standalone& Bodyworn Sensor on		Ant 8 Body-worn Simultaneous& Hotspot		Ant 9 Body-worn Simultaneous& Hotspot		Ant 8+9 Body-worn Simultaneous& Hotspot		Ant 8 Head Simultaneous		Ant 9 Head Simultaneous		Ant 8+9 Head Simultaneous		
	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	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	19.95	21.50	19.18	21.00	22.59	24.00	18.91	20.50	18.26	20.00	21.61	23.00	15.92	17.50	15.25	17.00	18.65	20.00	100.00
		6	2437	19.71	21.50	19.12	21.00	22.44	24.00	18.73	20.50	18.10	20.00	21.45	23.00	15.75	17.50	15.10	17.00	18.46	20.00	
		11	2462	19.78	21.50	19.15	21.00	22.49	24.00	18.75	20.50	18.13	20.00	21.51	23.00	15.73	17.50	15.21	17.00	18.53	20.00	
	802.11g 6Mbps	1	2412	18.20	20.00	17.97	19.50	21.10	23.00	Not Required	20.00	Not Required	19.50	Not Required	23.00	Not Required	17.50	Not Required	17.00	Not Required	20.00	99.32
		6	2437	18.08	20.00	17.90	19.50	21.00	22.50		20.00		19.50		22.50		17.50		17.00		20.00	
		11	2462	18.18	20.00	18.00	19.50	21.10	23.00		20.00		19.50		23.00		17.50		17.00		20.00	
	802.11n-HT20 MCS0	1	2412	17.81	19.50	17.49	19.00	20.66	22.50		19.50		19.00		22.50		17.50		17.00		20.00	100.00
		6	2437	17.69	19.50	17.57	19.50	20.64	22.50		19.50		19.50		22.50		17.50		17.00		20.00	
		11	2462	17.75	19.50	17.64	19.50	20.71	22.50		19.50		19.50		22.50		17.50		17.00		20.00	
	802.11n-HT40 MCS0	3	2422	17.41	19.00	17.12	19.00	20.28	22.00		19.00		19.00		22.00		17.50		17.00		20.00	100.00
		6	2437	17.39	19.00	17.16	19.00	20.29	22.00		19.00		19.00		22.00		17.50		17.00		20.00	
		9	2452	17.49	19.00	17.35	19.00	20.43	22.00		19.00		19.00		22.00		17.50		17.00		20.00	
	802.11ac-VHT20 MCS0	1	2412	17.74	19.50	17.43	19.00	20.60	22.00		19.50		19.00		22.00		17.50		17.00		20.00	100.00
		6	2437	17.65	19.50	17.55	19.00	20.61	22.00		19.50		19.00		22.00		17.50		17.00		20.00	
		11	2462	17.71	19.50	17.62	19.00	20.68	22.50		19.50		19.00		22.50		17.50		17.00		20.00	
	802.11ac-VHT40 MCS0	3	2422	17.38	19.00	17.09	19.00	20.25	22.00		19.00		19.00		22.00		17.50		17.00		20.00	100.00
		6	2437	17.31	19.00	17.13	19.00	20.23	22.00		19.00		19.00		22.00		17.50		17.00		20.00	
		9	2452	17.44	19.00	17.32	19.00	20.39	22.00		19.00		19.00		22.00		17.50		17.00		20.00	
	802.11ax-HE20 MCS0	1	2412	18.03	19.50	17.73	19.50	20.89	22.50		19.50		19.50		22.50		17.50		17.00		20.00	100.00
		6	2437	17.83	19.50	17.71	19.50	20.78	22.50		19.50		19.50		22.50		17.50		17.00		20.00	
		11	2462	17.96	19.50	17.79	19.50	20.89	22.50		19.50		19.50		22.50		17.50		17.00		20.00	
	802.11ax-HE40 MCS0	3	2422	17.42	19.00	17.14	19.00	20.29	22.00		19.00		19.00		22.00		17.50		17.00		20.00	100.00
		6	2437	17.41	19.00	17.18	19.00	20.31	22.00		19.00		19.00		22.00		17.50		17.00		20.00	
		9	2452	17.51	19.00	17.38	19.00	20.46	22.00		19.00		19.00		22.00		17.50		17.00		20.00	

<5.2GHz WLAN>

				Ant 8 Full power&& Head Standalone		Ant 9 Full power& Head Standalone		Ant 8+9 Full power& Head Standalone		Ant 8 Body-worn& Extremity Sensor on		Ant 9 Body-worn& Extremity Sensor on		Ant 8+9 Body-worn& Extremity Sensor on		Ant 8 Head Simultaneous		Ant 9 Head Simultaneous		Ant 8+9 Head Simultaneous		Ant 8 Body worn&Extremity Simultaneous		Ant 9 Body worn&Extremity Simultaneous		Ant 8+9 Body worn&Extremity Simultaneous		
	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	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	17.56	19.50	17.09	19.00	20.34	22.00	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	13.00	Not Required	13.00	Not Required	16.00	99.32
		40	5200	17.54	19.00	17.11	19.00	20.34	22.00		17.50		17.50		20.50		15.00		15.00		18.00		13.00		13.00		16.00	
		44	5220	17.79	19.50	17.16	19.00	20.50	22.00		17.50		17.50		20.50		15.00		15.00		18.00		13.00		13.00		16.00	
		48	5240	17.18	19.00	16.69	18.50	19.95	21.50		17.50		17.50		20.50		15.00		15.00		18.00		13.00		13.00		16.00	
	802.11n-HT20 MCS0	36	5180	17.89	19.50	17.91	19.5	20.91	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00
		40	5200	18.00	19.50	17.96	19.5	20.99	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		44	5220	17.97	19.50	17.98	19.5	20.99	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		48	5240	17.82	19.50	18.17	20.0	21.01	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
	802.11n-HT40 MCS0	38	5190	17.39	19.00	16.80	18.5	20.12	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00
		46	5230	17.54	19.00	16.85	18.5	20.22	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
	802.11ac-VHT20 MCS0	36	5180	17.95	19.50	17.97	19.5	20.97	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00
		40	5200	18.06	19.50	18.01	19.5	21.05	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		44	5220	18.01	19.50	18.02	19.5	21.03	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		48	5240	17.85	19.50	18.22	20.0	21.05	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
	802.11ac-VHT40 MCS0	38	5190	17.43	19.00	16.86	18.5	20.16	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00
		46	5230	17.59	19.50	16.87	18.5	20.26	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
	802.11ac-VHT80 MCS0	42	5210	16.51	18.00	15.72	17.5	19.14	20.50	16.18	17.50	16.19	17.5	19.21	20.50	13.69	15.00	13.71	15.0	16.83	18.00	11.61	13.00	11.65	13.0	14.75	16.00	100.00
	802.11ax-HE20 MCS0	36	5180	18.01	19.50	18.03	19.5	21.03	22.50	Not Required	17.50	Not Required	17.5	Not Required	20.50	Not Required	15.00	Not Required	15.0	Not Required	18.00	Not Required	13.00		13.0	Not Required	16.00	100.00
		40	5200	18.09	19.50	18.05	19.5	21.08	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		44	5220	18.05	19.50	18.04	19.5	21.06	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
		48	5240	17.88	19.50	18.24	20.0	21.07	22.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00	3.00	13.0		16.00	
	802.11ax-HE40 MCS0	38	5190	17.47	19.00	16.88	18.5	20.20	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00
		46	5230	17.65	19.50	16.93	18.5	20.32	22.00		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	
	802.11ax-HE80 MCS0	42	5210	16.54	18.00	15.76	17.5	19.18	20.50		17.50		17.5		20.50		15.00		15.0		18.00		13.00		13.0		16.00	100.00

<5.3GHz WLAN>

				Ant 8 Full power&& Head Standalone		Ant 9 Full power& Head Standalone		Ant 8+9 Full power& Head Standalone		Ant 8 Body-worn& Extremity Sensor on		Ant 9 Body-worn& Extremity Sensor on		Ant 8+9 Body-worn& Extremity Sensor on		Ant 8 Head Simultaneous		Ant 9 Head Simultaneous		Ant 8+9 Head Simultaneous		Ant 8 Body worn&Extremity Simultaneous		Ant 9 Body worn&Extremity Simultaneous		Ant 8+9 Body worn&Extremity Simultaneous		
	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	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	17.78	19.50	18.04	19.50	20.92	22.50	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required	15.50	Not Required	16.00	Not Required	19.00	Not Required	13.50	Not Required	14.00	Not Required	17.00	99.32
		56	5280	17.77	19.50	18.07	20.00	20.93	22.50		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		60	5300	17.75	19.50	18.16	20.00	20.97	22.50		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		64	5320	18.51	20.00	18.69	20.50	21.61	23.50		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11n-HT20 MCS0	52	5260	18.09	19.50	18.31	20.00	21.21	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
		56	5280	18.03	19.50	18.27	20.00	21.16	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		60	5300	17.99	19.50	18.29	20.00	21.15	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		64	5320	17.94	19.50	18.29	20.00	21.13	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11n-HT40 MCS0	54	5270	17.52	19.00	17.24	19.00	20.39	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
		62	5310	17.58	19.50	17.31	19.00	20.46	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11ac-VHT20 MCS0	52	5260	18.12	20.00	18.36	20.00	21.25	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
		56	5280	18.08	20.00	18.32	20.00	21.21	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		60	5300	18.05	20.00	18.32	20.00	21.20	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		64	5320	17.99	19.50	18.32	20.00	21.17	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11ac-VHT40 MCS0	54	5270	17.57	19.50	17.29	19.00	20.44	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
		62	5310	17.62	19.50	17.33	19.00	20.49	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11ac-VHT80 MCS0	58	5290	16.44	18.00	16.09	18.00	19.28	21.00	16.44	18.00	16.09	18.00	19.28	21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
	802.11ac-VHT160 MCS0	50	5250	13.42	15.00	13.49	15.00	16.47	18.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	13.81	15.50	14.53	16.00	17.35	19.00	11.89	13.50	12.61	14.00	15.45	17.00	100
	802.11ax-HE20 MCS0	52	5260	18.14	20.00	18.39	20.00	21.28	23.00		18.00		18.00		21.00	Not Required	15.50	Not Required	16.00	Not Required	19.00	Not Required	13.50	Not Required	14.00	Not Required	17.00	100.00
		56	5280	18.13	20.00	18.34	20.00	21.25	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		60	5300	18.08	20.00	18.36	20.00	21.23	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
		64	5320	18.03	19.50	18.38	20.00	21.22	23.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11ax-HE40 MCS0	54	5270	17.62	19.50	17.32	19.00	20.48	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
		62	5310	17.66	19.50	17.37	19.00	20.53	22.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	
	802.11ax-HE80 MCS0	58	5290	16.48	18.00	16.12	18.00	19.31	21.00		18.00		18.00		21.00		15.50		16.00		19.00		13.50		14.00		17.00	100.00
	802.11ax-HE160 MCS0	50	5250	13.47	15.00	13.55	15.00	16.52	18.00		15.00		15.00		18.00		15.50		16.00		19.00		13.50		14.00		17.00	100

<5.5GHz WLAN>

				Ant 8 Full power		Ant 9 Full power		Ant 8+9 Full power		Ant 8 Head&Body worn&Extremity Sensor on		Ant 9 Head&Body worn&Extremity Sensor on		Ant 8+9 Head&Body worn&Extremity Sensor on		Ant 8 Head&Body worn&Extremity Simultaneous		Ant 9 Head&Body worn&Extremity Simultaneous		Ant 8+9 Head&Body worn&Extremity Simultaneous		
	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	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	17.31	19.00	17.95	19.50	20.65	22.50	Not Required	18.00	Not Required	18.50	Not Required	21.50	Not Required	13.00	Not Required	13.50	Not Required	16.50	99.32
		116	5580	17.73	19.50	18.22	20.00	20.99	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		132	5660	17.95	19.50	18.10	20.00	21.04	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		140	5700	17.98	19.50	18.15	20.00	21.08	23.00		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11n-HT20 MCS0	100	5500	17.47	19.00	17.98	19.50	20.74	22.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00
		116	5580	17.38	19.00	17.89	19.50	20.65	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		132	5660	17.48	19.00	17.68	19.50	20.59	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		140	5700	17.51	19.00	17.81	19.50	20.67	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11n-HT40 MCS0	102	5510	16.70	18.50	17.02	18.50	19.87	21.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00
		110	5550	16.47	18.00	16.82	18.50	19.66	21.50		18.00		18.50		21.50		13.00		13.50		16.50	
		134	5670	16.58	18.50	16.52	18.00	19.56	21.50		18.00		18.00		21.50		13.00		13.50		16.50	
	802.11ac-VHT20 MCS0	100	5500	17.50	19.00	18.04	19.50	20.79	22.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00
		116	5580	17.42	19.00	17.93	19.50	20.69	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		132	5660	17.51	19.00	17.70	19.50	20.62	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		140	5700	17.56	19.50	17.84	19.50	20.71	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	16.73	18.50	17.04	18.50	19.90	21.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00
		110	5550	16.53	18.00	16.84	18.50	19.70	21.50		18.00		18.50		21.50		13.00		13.50		16.50	
		134	5670	16.62	18.50	16.57	18.50	19.61	21.50		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11ac-VHT80 MCS0	106	5530	16.53	18.00	16.82	18.50	19.69	21.50	16.39	18.00	16.73	18.50	19.87	21.50	11.51	13.00	11.75	13.50	14.69	16.50	100.00
	802.11ax-HE20 MCS0	100	5500	17.56	19.50	18.06	20.00	20.83	22.50		18.00		18.50		21.50	Not Required	13.00	Not Required	13.50	Not Required	16.50	100.00
		116	5580	17.44	19.00	17.95	19.50	20.71	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		132	5660	17.55	19.50	17.73	19.50	20.65	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
		140	5700	17.61	19.50	17.87	19.50	20.75	22.50		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11ax-HE40 MCS0	102	5510	16.77	18.50	17.09	19.00	19.94	21.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00
		110	5550	16.59	18.50	16.86	18.50	19.74	21.50		18.00		18.50		21.50		13.00		13.50		16.50	
		134	5670	16.65	18.50	16.62	18.50	19.65	21.50		18.00		18.50		21.50		13.00		13.50		16.50	
	802.11ax-HE80 MCS0	106	5530	16.57	18.50	16.85	18.50	19.72	21.50		18.00		18.50		21.50		13.00		13.50		16.50	100.00

<5.8GHz WLAN>

				Ant 8 Full power		Ant 9 Full power		Ant 8+9 Full power		Ant 8 Head Standalone& Body worn Standalone& Extremity Sensor on		Ant 9 Head Standalone& Body worn Standalone& Extremity Sensor on		Ant 8+9 Head Standalone& Body worn Standalone& Extremity Sensor on		Ant 8 Head Simultaneous& Body worn Simultaneous& Extremity Simultaneous		Ant 9 Head Simultaneous& Body worn Simultaneous& Extremity Simultaneous		Ant 8+9 Head Simultaneous& Body worn Simultaneous& Extremity Simultaneous		
	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	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	18.52	20.00	18.89	20.50	21.72	23.50	Not Required	18.50	Not Required	19.00	Not Required	21.50	Not Required	13.50	Not Required	14.00	Not Required	16.50	99.32
		157	5785	18.85	20.50	19.09	21.00	21.98	23.50		18.50		19.00		21.50		13.50		14.00		16.50	
		165	5825	18.86	20.50	19.11	21.00	22.00	23.50		18.50		19.00		21.50		13.50		14.00		16.50	
	802.11n-HT20 MCS0	149	5745	17.24	19.00	17.55	19.00	20.41	22.00		18.50		19.00		21.50		13.50		14.00		16.50	100.00
		157	5785	17.50	19.00	17.71	19.50	20.62	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
		165	5825	17.41	19.00	17.84	19.50	20.64	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
	802.11n-HT40 MCS0	151	5755	17.02	18.50	16.80	18.50	19.92	21.50		18.50		18.50		21.50		13.50		14.00		16.50	100.00
		159	5795	16.89	18.50	16.68	18.50	19.80	21.50		18.50		18.50		21.50		13.50		14.00		16.50	
	802.11ac-VHT20 MCS0	149	5745	17.28	19.00	17.60	19.50	20.45	22.00		18.50		19.00		21.50		13.50		14.00		16.50	100.00
		157	5785	17.52	19.00	17.76	19.50	20.65	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
		165	5825	17.44	19.00	17.87	19.50	20.67	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
	802.11ac-VHT40 MCS0	151	5755	17.04	18.50	16.83	18.50	19.95	21.50		18.50		18.50		21.50		13.50		14.00		16.50	100.00
		159	5795	16.93	18.50	16.74	18.50	19.85	21.50		18.50		18.50		21.50		13.50		14.00		16.50	
	802.11ac-VHT80 MCS0	155	5775	17.81	19.50	17.71	19.50	20.77	22.50	16.91	18.50	17.38	19.00	20.13	21.50	11.96	13.50	12.38	14.00	14.93	16.50	100.00
	802.11ax-HE20 MCS0	149	5745	17.33	19.00	17.64	19.50	20.50	22.00	Not Required	18.50	Not Required	19.00	Not Required	21.50	Not Required	13.50	Not Required	14.00	Not Required	16.50	100.00
		157	5785	17.54	19.00	17.82	19.50	20.69	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
		165	5825	17.49	19.00	17.91	19.50	20.72	22.50		18.50		19.00		21.50		13.50		14.00		16.50	
	802.11ax-HE40 MCS0	151	5755	17.09	19.00	16.87	18.50	19.99	21.50		18.50		18.50		21.50		13.50		14.00		16.50	100.00
		159	5795	16.95	18.50	16.76	18.50	19.87	21.50		18.50		18.50		21.50		13.50		14.00		16.50	
	802.11ax-HE80 MCS0	155	5775	17.84	19.50	17.73	19.50	20.80	22.50		18.50		19.00		21.50		13.50		14.00		16.50	100.00

BT 2.0

Ant8 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	7.72	7.10	7.11	9.50
	CH 39	2441	7.78	7.08	7.05	9.50
	CH 78	2480	5.60	4.89	4.90	7.50

BLE_1M

Ant8 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	2.25
	CH 19	2440	2.18
	CH 39	2480	0.09
Tune-up Limit			4.00

BLE_2M

Ant8 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	2.44
	CH 19	2440	2.58
	CH 39	2480	0.26
Tune-up Limit			4.00