

Full & Default Power

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 3 Tx slots		29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 4 Tx slots		27.72	27.53	27.50	28.50	23.46	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.86	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps		22.89	22.96	22.78	24.00
3GPP Rel 99 RMC 12.2Kbps		22.95	23.03	22.96	24.00
3GPP Rel 6 HSDPA Subtest-1		22.05	22.00	21.90	23.00
3GPP Rel 6 HSDPA Subtest-2		22.01	21.98	21.99	23.00
3GPP Rel 6 HSDPA Subtest-3		21.53	21.58	21.52	22.50
3GPP Rel 6 HSDPA Subtest-4		21.47	21.46	21.52	22.50
3GPP Rel 8 DC-HSDPA Subtest-1		22.02	21.95	22.03	23.00
3GPP Rel 8 DC-HSDPA Subtest-2		22.04	22.04	21.92	23.00
3GPP Rel 8 DC-HSDPA Subtest-3		21.50	21.49	21.37	22.50
3GPP Rel 8 DC-HSDPA Subtest-4		21.37	21.62	21.49	22.50
3GPP Rel 6 HSUPA Subtest-1		21.93	22.02	22.03	23.00
3GPP Rel 6 HSUPA Subtest-2		20.05	19.97	19.96	21.00
3GPP Rel 6 HSUPA Subtest-3		21.05	20.94	20.85	22.00
3GPP Rel 6 HSUPA Subtest-4		19.84	20.12	20.03	21.00
3GPP Rel 6 HSUPA Subtest-5		21.85	22.14	21.86	23.00

Band 5 Ant 0														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq. 20445	Power Mid Ch / Freq. 20450	Power High Ch / Freq. 20455	Turn-up time (sec)	MPE (dB)						
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.83	22.94	22.88	24	0						
10	QPSK	1	25	22.85	22.90	22.92								
10	QPSK	1	49	22.79	22.91	22.83								
10	QPSK	25	0	21.88	21.87	22.00								
10	QPSK	25	12	22.03	21.85	21.91	23	1						
10	QPSK	25	25	22.06	21.97	21.86								
10	16QAM	50	0	21.95	22.04	21.99								
10	16QAM	1	25	21.92	21.89	21.99								
10	16QAM	1	49	22.05	21.95	22.03	23	1						
10	16QAM	25	0	21.92	21.92	22.07								
10	16QAM	25	12	21.00	20.99	21.95								
10	16QAM	25	25	21.03	20.98	20.96								
10	16QAM	50	0	20.95	20.94	21.01	22	2						
10	16QAM	50	0	20.95	20.94	20.97								
10	64QAM	1	0	20.95	20.94	20.97								
10	64QAM	1	25	20.99	20.98	20.93								
10	64QAM	1	49	21.08	20.99	20.98	21	3						
10	64QAM	25	0	19.92	19.90	19.94								
10	64QAM	25	12	19.87	19.92	20.03								
10	64QAM	25	25	19.94	19.94	19.93								
10	256QAM	1	0	18.63	18.62	17.96	19	5						
10	256QAM	1	25	18.07	18.02	17.95								
10	256QAM	1	49	18.03	18.03	18.08								
10	256QAM	25	0	17.89	17.97	17.99								
10	256QAM	25	12	18.11	17.91	18.05	19	5						
10	256QAM	25	25	17.82	17.83	17.96								
10	256QAM	50	0	17.80	17.83	17.87								
10	256QAM	50	0	17.80	17.83	17.86								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.68	22.65	22.76	24	0						
5	QPSK	1	25	22.62	22.62	22.72								
5	QPSK	1	24	22.65	22.64	22.63								
5	QPSK	12	0	21.90	22.02	21.99								
5	QPSK	12	7	22.04	21.83	21.81	23	1						
5	QPSK	12	13	22.04	21.90	21.82								
5	QPSK	25	0	21.90	21.88	21.76								
5	16QAM	1	0	21.98	21.88	21.81								
5	16QAM	1	12	21.81	21.78	21.93	23	1						
5	16QAM	1	25	21.86	21.78	21.99								
5	16QAM	12	0	20.90	20.82	20.75								
5	16QAM	12	7	21.02	20.80	20.87								
5	16QAM	12	0	19.85	19.74	19.84	22	2						
5	16QAM	25	0	20.73	20.69	20.90								
5	64QAM	1	0	20.84	20.82	20.98								
5	64QAM	1	25	20.77	20.77	20.87								
5	64QAM	1	24	20.88	20.88	20.81	21	3						
5	64QAM	12	0	19.88	19.74	19.94								
5	64QAM	12	0	19.85	19.74	19.88								
5	64QAM	12	13	19.94	19.94	19.77								
5	64QAM	25	0	19.84	19.71	19.71	19	5						
5	256QAM	1	0	17.90	17.92	17.96								
5	256QAM	1	12	17.90	17.92	17.89								
5	256QAM	1	24	17.91	17.86	18.04								
5	256QAM	12	0	17.85	17.86	17.86	19	5						
5	256QAM	12	7	18.02	17.74	18.06								
5	256QAM	12	13	17.74	17.84	17.75								
5	256QAM	25	0	17.80	18.03	17.84								
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.60	22.59	22.69	24	0						
3	QPSK	1	14	22.61	22.58	22.63								
3	QPSK	8	0	21.71	21.67	21.68								
3	QPSK	8	8	21.95	21.72	21.85								
3	QPSK	8	7	22.01	21.86	21.76	23	1						
3	16QAM	1	0	21.84	22.00	22.00								
3	16QAM	1	8	21.75	21.70	21.92								
3	16QAM	1	21	21.73	21.68	21.88								
3	16QAM	8	0	20.81	20.94	20.71	22	2						
3	16QAM	8	4	20.80	20.74	21.00								
3	16QAM	8	7	20.86	20.81	20.74								
3	16QAM	15	0	20.75	20.71	20.98								
3	64QAM	1	0	20.81	20.75	20.74	22	2						
3	64QAM	1	8	20.86	20.76	20.73								
3	64QAM	1	14	20.99	20.73	20.85								
3	64QAM	8	0	19.90	19.74	19.85								
3	64QAM	8	4	19.87	19.77	19.92	21	3						
3	64QAM	8	7	19.82	19.87	19.89								
3	64QAM	15	0	19.79	19.71	19.92								
3	256QAM	1	0	18.02	17.86	17.76								
3	256QAM	1	8	17.96	17.95	17.87	19	5						
3	256QAM	1	14	17.86	18.04	18.02								
3	256QAM	8	0	17.77	17.95	17.98								
3	256QAM	8	4	18.06	17.90	17.90								
3	256QAM	8	7	17.71	17.90	17.91	19	5						
3	256QAM	15	0	17.88	17.89	17.96								
3	256QAM	15	0	17.88	17.89	17.96								
3	256QAM	15	0	17.88	17.89	17.96								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.53	22.52	22.62	24	0						
1.4	QPSK	1	3	22.58	22.55	22.61								
1.4	QPSK	1	5	22.59	22.62	22.62								
1.4	QPSK	3	0	22.73	22.91	23.76								
1.4	QPSK	3	1	22.53	22.60	22.67	23	1						
1.4	QPSK	3	3	22.77	22.89	22.83								
1.4	QPSK	6	0	21.93	21.88	21.85								
1.4	16QAM	1	0	21.87	21.99	21.85								
1.4	16QAM	1	3	21.71	21.86	21.96	23	1						
1.4	16QAM	1	6	21.84	21.67	21.81								
1.4	16QAM	3	0	21.84	21.84	21.73								
1.4	16QAM	3	1	21.94	22.02	21.97								
1.4	16QAM	3	3	21.74	21.68	21.76	22	2						
1.4	16QAM	6	0	20.84	20.69	20.99								
1.4	64QAM	1	0	20.77	20.69	20.81								
1.4	64QAM	1	3	20.83	20.69	20.99								
1.4	64QAM	1	5	20.91	20.84	20.88	22	2						
1.4	64QAM	3	0	20.88	20.78	21.00								
1.4	64QAM	3	1	20.90	20.85	20.95								
1.4	64QAM	3	3	20.92	20.73	20.93								
1.4	64QAM	6	0	19.76	19.77	19.78	21	3						
1.4	256QAM	1	0	17.80	17.80	17.80	19	5						
1.4	256QAM	1	3	18.03	17.90	17.97								
1.4	256QAM	1	5	18.04	17.90	18.00								
1.4	256QAM	3	0	18.02	17.92	17.91								
1.4	256QAM	3	1	17.73	17.83	17.95	19	5						
1.4	256QAM	3	3	17.73	17.83	17.95								
1.4	256QAM	3	5	17.73	17.83	17.95								
1.4	256QAM	3	7	17.73	17.83	17.95								
Channel														
Frequency (MHz)														

Band 26 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	APR3 (dB)				
Channel												
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	22.85	23.65	22.88	24	0				
15	QPSK	1	31	22.84	22.75	22.88						
15	QPSK	1	74	22.78	22.91	20.78						
15	QPSK	36	0	21.65	21.65	21.61						
15	QPSK	36	20	21.81	21.83	21.75	23	1				
15	QPSK	36	39	21.84	21.85	21.80						
15	QPSK	75	0	21.71	21.81	21.80						
15	16QAM	1	0	21.73	21.72	21.76						
15	16QAM	1	31	21.75	21.78	21.76	23	1				
15	16QAM	1	74	21.78	21.90	21.82						
15	16QAM	36	0	20.84	20.79	20.79						
15	16QAM	36	20	20.84	20.92	20.84						
15	16QAM	36	39	20.86	20.96	20.81	22	2				
15	16QAM	75	0	21.00	20.97	20.97						
15	64QAM	1	0	20.88	20.87	20.81						
15	64QAM	1	31	20.91	20.76	20.89						
15	64QAM	1	74	20.82	20.78	20.88	22	2				
15	64QAM	36	0	19.97	19.98	19.98						
15	64QAM	36	20	20.01	19.98	19.80						
15	64QAM	36	39	19.93	19.82	19.87						
15	64QAM	75	0	19.88	20.00	19.89	21	3				
15	256QAM	1	0	17.73	17.73	17.67						
15	256QAM	1	31	17.71	17.64	17.82						
15	256QAM	1	74	17.92	17.80	17.84						
15	256QAM	36	0	17.75	17.69	17.79	19	5				
15	256QAM	36	20	17.88	17.71	17.78						
15	256QAM	36	39	17.83	17.87	17.83						
15	256QAM	75	0	17.84	17.78	17.81						
Channel												
Frequency (MHz)				819	831.5	844	Turn-up limit (dBm)	APR3 (dB)				
15	QPSK	1	0	22.71	22.88	22.73	24	0				
15	QPSK	1	28	22.78	22.85	22.86						
15	QPSK	1	49	22.62	22.78	22.68						
15	QPSK	25	0	21.69	21.81	21.81						
15	QPSK	25	12	21.77	21.78	21.75	23	1				
15	QPSK	25	28	21.78	21.79	21.89						
15	QPSK	50	0	21.68	21.69	21.66						
15	16QAM	1	0	21.70	21.71	21.68						
15	16QAM	1	28	21.75	21.58	21.75	23	1				
15	16QAM	1	49	21.59	21.81	21.74						
15	16QAM	25	0	20.77	20.80	20.58						
15	16QAM	25	12	20.71	20.89	20.72						
15	16QAM	25	25	20.78	20.78	20.59	22	2				
15	16QAM	50	0	20.81	20.78	20.79						
15	64QAM	1	0	20.86	20.70	20.73						
15	64QAM	1	25	20.79	20.65	20.78						
15	64QAM	1	49	20.52	20.65	20.74	21	3				
15	64QAM	25	0	19.82	19.86	19.88						
15	64QAM	25	12	19.86	19.97	19.88						
15	64QAM	25	25	19.94	19.92	19.75						
15	64QAM	50	0	19.80	19.86	19.78	19	5				
15	256QAM	1	0	17.58	17.58	17.57						
15	256QAM	1	25	17.54	17.84	17.54						
15	256QAM	1	49	17.71	17.86	17.80						
15	256QAM	25	0	17.65	17.52	17.70	19	5				
15	256QAM	25	12	17.68	17.52	17.59						
15	256QAM	25	25	17.70	17.65	17.61						
15	256QAM	50	0	17.63	17.74	17.76						
Channel												
Frequency (MHz)				816.5	831.5	846.5	Turn-up limit (dBm)	APR3 (dB)				
5	QPSK	1	0	22.78	22.74	22.87	24	0				
5	QPSK	1	12	22.80	22.55	22.69						
5	QPSK	1	24	22.72	22.70	22.86						
5	QPSK	12	0	21.80	21.78	21.84						
5	QPSK	12	7	21.76	21.65	21.82	23	1				
5	QPSK	12	13	21.67	21.87	21.79						
5	QPSK	26	0	21.63	21.60	21.87						
5	16QAM	1	0	21.64	21.53	21.69						
5	16QAM	1	12	21.66	21.78	21.72	23	1				
5	16QAM	1	24	21.60	21.75	21.82						
5	16QAM	12	0	20.79	20.74	20.79						
5	16QAM	12	7	20.85	20.77	20.86						
5	16QAM	12	13	20.81	20.86	20.89	22	2				
5	16QAM	25	0	20.98	20.78	20.79						
5	64QAM	1	0	20.83	20.85	20.64						
5	64QAM	1	12	20.83	20.71	20.85						
5	64QAM	1	24	20.68	20.73	20.70	21	3				
5	64QAM	12	0	19.96	19.78	19.86						
5	64QAM	12	7	19.89	19.90	19.87						
5	64QAM	12	13	19.89	19.80	19.87						
5	64QAM	25	0	19.69	19.86	19.73	19	5				
5	256QAM	1	0	17.63	17.60	17.63						
5	256QAM	1	12	17.71	17.85	17.83						
5	256QAM	1	24	17.91	17.87	17.71						
5	256QAM	12	0	17.62	17.62	17.61	19	5				
5	256QAM	12	7	17.83	17.58	17.67						
5	256QAM	12	13	17.62	17.76	17.87						
5	256QAM	25	0	17.74	17.77	17.76						
Channel												
Frequency (MHz)				815.5	831.5	847.5	Turn-up limit (dBm)	APR3 (dB)				
3	QPSK	1	8	22.84	22.72	22.87	24	0				
3	QPSK	1	14	22.76	22.73	22.72						
3	QPSK	8	0	21.75	21.90	21.84						
3	QPSK	8	4	21.71	21.79	21.89						
3	QPSK	8	7	21.62	21.82	21.63	23	1				
3	QPSK	16	0	21.44	21.72	21.69						
3	16QAM	1	0	21.57	21.52	21.67						
3	16QAM	1	8	21.62	21.68	21.75						
3	16QAM	1	14	21.44	21.65	21.53	23	1				
3	16QAM	8	0	20.70	20.72	20.79						
3	16QAM	8	4	20.69	20.75	20.62						
3	16QAM	8	7	20.85	20.78	20.78						
3	16QAM	16	0	21.00	20.61	20.89	22	2				
3	64QAM	1	0	20.77	20.67	20.69						
3	64QAM	1	8	20.93	20.68	20.77						
3	64QAM	1	14	20.81	20.78	20.73						
3	64QAM	8	0	19.92	19.85	19.82	21	3				
3	64QAM	8	4	19.97	19.79	19.89						
3	64QAM	8	7	19.86	19.77	19.79						
3	64QAM	16	0	19.69	19.83	19.84						
3	256QAM	1	0	17.70	17.69	17.68	19	5				
3	256QAM	1	8	17.66	17.81	17.78						
3	256QAM	1	14	17.75	17.88	17.71						
3	256QAM	8	0	17.77	17.66	17.81						
3	256QAM	8										

GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot	29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot	29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots	25.60	25.63	25.81	26.50	19.60	19.63	19.81	20.50
GPRS 3 Tx slots	23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots	22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot	25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots	23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots	21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots	19.85	19.69	19.88	21.00	16.85	16.69	16.88	18.00

Band	WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	
	Tx Channel	9262	9400		9538	1312	1413		1513
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1860	1867.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.58	22.80	22.75	24.00	22.83	22.70	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	22.76	22.81	22.78	24.00	22.87	22.92	22.89	24.00
3GPP Rel 6	HSDPA Subtest-1	21.65	21.80	21.66	23.00	21.75	21.73	21.84	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.92	21.69	23.00	21.83	21.75	21.75	23.00
3GPP Rel 6	HSDPA Subtest-3	21.42	21.33	21.35	22.50	21.33	21.49	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.38	21.48	21.39	22.50	21.29	21.43	21.42	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.75	21.83	21.82	23.00	21.74	21.90	21.86	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.84	21.91	21.88	23.00	21.68	21.82	21.78	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.42	21.52	21.42	22.50	21.25	21.46	21.40	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.43	21.48	21.38	22.50	21.29	21.37	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.79	21.86	23.00	21.74	21.80	21.76	23.00
3GPP Rel 6	HSUPA Subtest-2	19.70	19.79	19.67	21.00	19.83	19.82	19.78	21.00
3GPP Rel 6	HSUPA Subtest-3	20.87	20.88	20.95	22.00	20.83	20.89	20.92	22.00
3GPP Rel 6	HSUPA Subtest-4	19.76	19.79	19.86	21.00	19.95	19.93	19.86	21.00
3GPP Rel 6	HSUPA Subtest-5	21.78	21.81	21.80	23.00	21.68	21.79	21.85	23.00

Band 66 Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Low Ch. Freq.	Power High Ch. Freq.	Turn-up (dB)	APR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.70	22.97	22.68	24	0						
20	QPSK	1	48	22.68	22.74	22.43								
20	QPSK	1	96	22.70	22.86	22.62								
20	QPSK	50	0	21.69	21.65	21.79								
20	QPSK	50	-24	21.63	21.62	21.78	23	1						
20	QPSK	50	50	21.63	21.61	21.81								
20	QPSK	100	0	21.59	21.68	21.78								
20	16QAM	1	0	21.58	21.60	21.63								
20	16QAM	1	48	21.69	21.71	21.69	23	1						
20	16QAM	1	96	21.60	21.62	21.74								
20	16QAM	50	0	20.75	20.71	20.78								
20	16QAM	50	24	20.77	20.89	20.98								
20	16QAM	50	50	20.80	20.85	20.72	22	2						
20	16QAM	100	0	20.84	20.85	20.88								
20	64QAM	1	0	20.67	20.74	20.63								
20	64QAM	1	48	20.71	20.70	20.71								
20	64QAM	1	96	20.72	20.78	20.88	22	2						
20	64QAM	50	0	19.80	19.64	19.81								
20	64QAM	50	24	20.01	19.81	19.81								
20	64QAM	50	50	19.78	19.61	19.89								
20	64QAM	100	0	19.88	19.83	19.70	21	3						
20	256QAM	1	0	17.60	17.67	17.71								
20	256QAM	1	48	17.59	17.67	17.62								
20	256QAM	1	96	17.84	17.80	17.69								
20	256QAM	50	0	17.54	17.49	17.68	19	5						
20	256QAM	50	24	17.87	17.55	17.79								
20	256QAM	50	50	17.81	17.85	17.76								
20	256QAM	100	0	17.64	17.60	17.63								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.64	22.85	22.81	24	0						
15	QPSK	1	32	22.86	22.73	22.93								
15	QPSK	1	74	22.68	22.81	22.68								
15	QPSK	36	0	21.63	21.74	21.73								
15	QPSK	36	20	21.81	21.79	21.60	23	1						
15	QPSK	36	39	21.81	21.79	21.71								
15	QPSK	79	0	21.63	21.71	21.68								
15	16QAM	1	0	21.58	21.74	21.58								
15	16QAM	1	32	21.57	21.65	21.72	23	1						
15	16QAM	1	74	21.73	21.68	21.80								
15	16QAM	36	0	20.70	20.74	20.58								
15	16QAM	36	20	20.72	20.87	20.70								
15	16QAM	36	39	20.72	20.77	20.88	22	2						
15	16QAM	75	0	20.63	20.78	20.95								
15	64QAM	1	0	20.68	20.68	20.65								
15	64QAM	1	32	20.83	20.78	20.71								
15	64QAM	1	74	20.52	20.65	20.65	21	3						
15	64QAM	36	0	19.81	19.78	19.77								
15	64QAM	36	20	19.86	19.91	19.78								
15	64QAM	36	39	19.97	19.92	19.75								
15	64QAM	75	0	19.83	19.82	19.90	19	5						
15	256QAM	1	0	17.62	17.58	17.65								
15	256QAM	1	32	17.62	17.74	17.67								
15	256QAM	1	74	17.89	17.84	17.75								
15	256QAM	36	0	17.62	17.58	17.68	19	5						
15	256QAM	36	20	17.88	17.55	17.70								
15	256QAM	36	39	17.85	17.81	17.89								
15	256QAM	75	0	17.64	17.68	17.78								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.60	22.90	22.67	24	0						
10	QPSK	1	25	22.73	22.53	22.59								
10	QPSK	1	48	22.66	22.87	22.61								
10	QPSK	25	0	21.66	21.60	21.79								
10	QPSK	25	12	21.71	21.78	21.54	23	1						
10	QPSK	25	25	21.73	21.79	21.66								
10	QPSK	50	0	21.62	21.64	21.73								
10	16QAM	1	0	21.57	21.67	21.77								
10	16QAM	1	25	21.71	21.79	21.58	23	1						
10	16QAM	1	48	21.60	21.68	21.78								
10	16QAM	25	0	20.78	20.65	20.67								
10	16QAM	25	12	20.67	20.86	20.73								
10	16QAM	36	20	20.81	20.81	20.76	22	2						
10	16QAM	50	0	20.87	20.60	20.90								
10	64QAM	1	0	20.79	20.68	20.71								
10	64QAM	1	25	20.88	20.61	20.98								
10	64QAM	1	48	20.74	20.58	20.71	21	3						
10	64QAM	25	0	19.77	19.82	19.87								
10	64QAM	25	12	19.84	19.83	19.77								
10	64QAM	25	25	19.75	19.69	19.87								
10	64QAM	50	0	19.85	19.92	19.82	19	5						
10	256QAM	1	0	17.53	17.67	17.75								
10	256QAM	1	25	17.68	17.78	17.73								
10	256QAM	1	48	17.77	17.90	17.85								
10	256QAM	25	0	17.12	17.50	17.68	19	5						
10	256QAM	25	12	17.78	17.66	17.72								
10	256QAM	25	25	17.63	17.87	17.86								
10	256QAM	50	0	17.71	17.58	17.63								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.74	22.77	22.71	24	0						
5	QPSK	1	12	22.72	22.53	22.69								
5	QPSK	1	24	22.62	22.72	22.73								
5	QPSK	12	0	21.84	21.70	21.74								
5	QPSK	12	7	21.81	21.70	21.69	23	1						
5	QPSK	12	13	21.78	21.75	21.71								
5	QPSK	25	0	21.68	21.75	21.69								
5	16QAM	1	0	21.70	21.69	21.81								
5	16QAM	1	12	21.58	21.77	21.68	23	1						
5	16QAM	1	24	21.72	21.70	21.81								
5	16QAM	12	0	20.69	20.79	20.79								
5	16QAM	12	7	20.77	20.88	20.70								
5	16QAM	12	13	20.72	20.98	20.83	22	2						
5	16QAM	25	0	20.98	20.81	20.93								
5	64QAM	1	0	20.69	20.68	20.81								
5	64QAM	1	12	20.93	20.59	20.79								
5	64QAM	1	24	20.83	20.57	20.76	21	3						
5	64QAM	12	0	19.78	19.84	19.76								
5	64QAM	12	7	19.79	19.94	19.89								
5	64QAM	12	13	19.73	19.63	19.90								
5	64QAM	25	0	19.82	19.95	19.88	19	5						
5	256QAM	1	0	17.63	17.57	17.63								
5	256QAM	1	12	17.64	17.83	17.72								
5	256QAM	1	24	17.80	17.76	17.81								
5	256QAM	12	0	17.75	17.56	17.74	19	5						
5	256QAM	12	7	17.82	17.71									

Band 42 FCC Part27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.09	23.15	23.12	24	0	
20	QPSK	1	49	23.02	23.03	22.91			
20	QPSK	1	99	23.06	22.93	23.09			
20	QPSK	50	0	22.01	22.19	22.06	23	1	
20	QPSK	50	24	21.93	22.04	22.02			
20	QPSK	50	50	21.83	22.06	21.96			
20	QPSK	100	0	21.85	22.20	21.98	23	1	
20	16QAM	1	0	22.00	21.98	22.01			
20	16QAM	1	49	21.81	22.03	22.03			
20	16QAM	1	99	21.94	22.14	21.85	22	2	
20	16QAM	50	0	21.08	21.08	21.02			
20	16QAM	50	24	20.90	21.13	21.08			
20	16QAM	50	50	21.10	21.16	21.06	22	2	
20	16QAM	100	0	21.09	21.29	21.03			
20	64QAM	1	0	20.90	21.24	21.00			
20	64QAM	1	49	20.95	21.15	21.02	21	3	
20	64QAM	1	99	21.05	21.14	21.17			
20	64QAM	50	0	19.94	20.18	19.98			
20	64QAM	50	24	20.10	20.27	20.15	19	5	
20	64QAM	50	50	20.06	20.19	19.95			
20	64QAM	100	0	19.98	20.25	20.00			
20	256QAM	1	0	18.04	18.18	18.06	19	5	
20	256QAM	1	49	17.91	18.19	18.09			
20	256QAM	1	99	18.08	18.11	18.14			
20	256QAM	50	0	17.92	18.30	17.95	19	5	
20	256QAM	50	24	18.12	18.14	18.07			
20	256QAM	50	50	18.01	18.25	18.13			
20	256QAM	100	0	18.07	18.29	18.17			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	22.93	22.95	23.13	24	0	
15	QPSK	1	37	23.03	22.97	22.83			
15	QPSK	1	74	23.03	22.87	22.95			
15	QPSK	36	0	21.89	22.07	21.89	23	1	
15	QPSK	36	20	21.80	21.99	21.82			
15	QPSK	36	39	21.72	21.99	21.76			
15	QPSK	75	0	21.74	22.03	21.87	23	1	
15	16QAM	1	0	21.82	21.88	21.85			
15	16QAM	1	37	21.85	21.82	21.94			
15	16QAM	1	74	21.76	22.01	21.72	22	2	
15	16QAM	36	0	20.93	20.94	20.87			
15	16QAM	36	20	20.81	21.11	20.99			
15	16QAM	36	39	20.92	21.06	21.05	21	3	
15	16QAM	75	0	20.99	21.31	20.92			
15	64QAM	1	0	20.68	21.11	20.95			
15	64QAM	1	37	20.74	21.01	20.87	22	2	
15	64QAM	1	74	20.88	21.03	21.09			
15	64QAM	36	0	19.94	20.09	19.86			
15	64QAM	36	20	19.94	20.09	20.03	21	3	
15	64QAM	36	39	19.93	20.08	19.93			
15	64QAM	75	0	19.95	20.06	19.87			
15	256QAM	1	0	17.98	18.15	17.86	19	5	
15	256QAM	1	37	17.77	18.01	18.10			
15	256QAM	1	74	18.06	18.05	18.06			
15	256QAM	36	0	17.85	18.21	17.75	19	5	
15	256QAM	36	20	17.92	18.10	17.90			
15	256QAM	36	39	17.98	18.12	18.08			
15	256QAM	75	0	18.00	18.21	17.95			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.01	23.04	23.11	24	0	
10	QPSK	1	25	22.91	22.89	22.83			
10	QPSK	1	49	22.99	22.72	22.92			
10	QPSK	25	0	21.91	22.06	21.95	23	1	
10	QPSK	25	12	21.78	21.92	22.02			
10	QPSK	25	25	21.72	21.89	21.91			
10	QPSK	50	0	21.75	22.06	21.81	23	1	
10	16QAM	1	0	21.96	21.77	21.87			
10	16QAM	1	25	21.73	21.85	21.90			
10	16QAM	1	49	21.73	21.95	21.79	22	2	
10	16QAM	25	0	21.02	20.89	20.89			
10	16QAM	25	12	20.92	20.96	21.02			
10	16QAM	25	25	20.88	20.94	20.99	21	3	
10	16QAM	50	0	20.96	21.18	20.85			
10	64QAM	1	0	20.83	21.19	20.86			
10	64QAM	1	25	20.96	21.14	20.90	22	2	
10	64QAM	1	49	21.04	20.96	21.01			
10	64QAM	25	0	19.74	20.14	19.83			
10	64QAM	25	12	20.11	20.11	20.05	21	3	
10	64QAM	25	25	20.06	20.02	19.94			
10	64QAM	50	0	19.93	20.15	19.79			
10	256QAM	1	0	17.99	17.99	17.88	19	5	
10	256QAM	1	25	17.89	18.14	17.99			
10	256QAM	1	49	18.06	18.01	17.96			
10	256QAM	25	0	17.91	18.18	17.79	19	5	
10	256QAM	25	12	17.98	18.07	17.89			
10	256QAM	25	25	17.79	18.08	17.96			
10	256QAM	50	0	18.04	18.13	17.99			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	22.95	22.96	22.92	24	0	
5	QPSK	1	12	22.91	22.90	22.87			
5	QPSK	1	24	22.90	22.77	22.89			
5	QPSK	12	0	21.84	22.07	21.95	23	1	
5	QPSK	12	7	21.71	22.00	21.90			
5	QPSK	12	13	21.75	21.95	21.86			
5	QPSK	25	0	21.73	22.18	22.00	23	1	
5	16QAM	1	0	21.90	21.79	21.99			
5	16QAM	1	12	21.81	21.90	21.94			
5	16QAM	1	24	21.92	21.96	21.67	22	2	
5	16QAM	12	0	20.94	21.01	20.81			
5	16QAM	12	7	20.71	20.94	21.06			
5	16QAM	12	13	20.90	21.08	20.86	22	2	
5	16QAM	25	0	21.10	21.28	20.99			
5	64QAM	1	0	20.76	21.17	20.92			
5	64QAM	1	12	20.87	20.97	20.83	22	2	
5	64QAM	1	24	20.99	21.06	21.01			
5	64QAM	12	0	19.88	20.09	19.87			
5	64QAM	12	7	20.09	20.07	19.99	21	3	
5	64QAM	12	13	19.93	20.02	19.84			
5	64QAM	25	0	19.84	20.23	19.84			
5	256QAM	1	0	18.04	18.07	18.02	19	5	
5	256QAM	1	12	17.83	18.16	17.96			
5	256QAM	1	24	18.06	18.05	18.08			
5	256QAM	12	0	17.90	18.25	17.78	19	5	
5	256QAM	12	7	18.00	18.13	17.99			
5	256QAM	12	13	17.92	18.26	18.13			
5	256QAM	25	0	18.04	18.15	18.15			

Reduced Power Mode for DSI2

GSM850 Ant 0				Frame-Average Power (dBm)			
Burst Average Power (dBm)		Tune-up		Limit		Tune-up	
TX Channel		Limit		Limit		Limit	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81
GPRS 2 Tx slots		29.53	29.31	28.55	30.50	23.53	23.31
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.44
EDGE 4 Tx slots		21.64	21.66	21.54	22.50	18.64	18.65

Band		WCDMA V Ant 0			Tune-up
TX Channel		4152	4182	4233	
Rx Channel		4357	4407	4458	Limit
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99		22.85	22.86	22.78	24.00
3GPP Rel 99		22.95	23.03	22.96	24.00
3GPP Rel 6		22.05	22.00	21.90	23.00
3GPP Rel 6		22.01	21.98	21.89	23.00
3GPP Rel 6		21.53	21.58	21.52	22.50
3GPP Rel 6		21.47	21.46	21.52	22.50
3GPP Rel 8		22.02	21.95	22.03	23.00
3GPP Rel 8		22.04	22.04	21.92	23.00
3GPP Rel 8		21.50	21.48	21.37	22.50
3GPP Rel 8		21.37	21.62	21.49	22.50
3GPP Rel 6		21.93	22.02	22.03	23.00
3GPP Rel 6		20.05	19.97	19.96	21.00
3GPP Rel 6		20.05	20.94	20.85	22.00
3GPP Rel 6		19.84	20.12	20.03	21.00
3GPP Rel 6		21.85	22.14	21.86	23.00

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1900.8		1850.2	1850	1900.8	
GSM 1 Tx slot		29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band		WCDMA 1 Ant 1			Tune-up Limit (dbm)	WCDMA 1 Ant 1			Tune-up Limit (dbm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1522.4	1530	1537.5		1522.4	1522.4	1522.4	
3GPP Rel 99	AMR 12.2Kbps	22.58	22.85	22.75	24.00	22.83	22.70	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	22.76	22.81	22.78	24.00	22.87	22.92	22.89	24.00
3GPP Rel 6	HSDPA Subtest-1	21.65	21.80	21.66	23.00	21.75	21.73	21.84	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.92	21.69	23.00	21.83	21.75	21.75	23.00
3GPP Rel 6	HSDPA Subtest-3	21.42	21.33	21.35	22.50	21.33	21.49	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.38	21.48	21.39	22.50	21.29	21.43	21.42	22.50
3GPP Rel 8	DCHSDPA Subtest-1	21.75	21.83	21.82	23.00	21.74	21.90	21.86	23.00
3GPP Rel 8	DCHSDPA Subtest-2	21.84	21.91	21.68	23.00	21.68	21.62	21.76	23.00
3GPP Rel 8	DCHSDPA Subtest-3	21.42	21.52	21.42	22.50	21.25	21.46	21.45	22.50
3GPP Rel 8	DCHSDPA Subtest-4	21.43	21.48	21.38	22.50	21.29	21.37	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.79	21.86	23.00	21.74	21.80	21.76	23.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.79	19.67	21.00	19.83	19.82	19.76	21.00
3GPP Rel 6	HSUPA Subtest-3	20.87	20.88	20.95	22.00	20.83	20.86	20.92	22.00
3GPP Rel 6	HSUPA Subtest-4	19.76	19.79	19.66	21.00	19.95	19.93	19.86	21.00
3GPP Rel 6	HSUPA Subtest-5	21.78	21.81	21.80	23.00	21.68	21.79	21.85	23.00

Band 42 FCC Part27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.31	17.37	17.28	18.6	0	
20	QPSK	1	49	17.33	17.34	17.06			
20	QPSK	1	99	17.18	17.17	17.24			
20	QPSK	50	0	17.28	17.32	17.29	18.6	0	
20	QPSK	50	24	17.09	17.31	17.16			
20	QPSK	50	50	17.26	17.19	17.08			
20	QPSK	100	0	17.21	17.24	17.19	18.6	0	
20	16QAM	1	0	17.23	17.32	17.16			
20	16QAM	1	49	17.19	17.33	17.05			
20	16QAM	1	99	17.29	17.34	17.15	18.6	0	
20	16QAM	50	0	17.31	17.33	17.17			
20	16QAM	50	24	17.26	17.32	17.07			
20	16QAM	50	50	17.30	17.24	17.09	18.6	0	
20	16QAM	100	0	17.20	17.31	17.20			
20	64QAM	1	0	17.15	17.17	17.01	18.6	0	
20	64QAM	1	49	17.19	17.28	17.18			
20	64QAM	1	99	17.28	17.21	17.13			
20	64QAM	50	0	17.16	17.26	17.11	18.6	0	
20	64QAM	50	24	17.30	17.23	17.10			
20	64QAM	50	50	17.29	17.36	17.25			
20	64QAM	100	0	17.23	17.20	17.04	18.6	0	
20	256QAM	1	0	17.17	17.20	17.05			
20	256QAM	1	49	17.26	17.22	17.19			
20	256QAM	1	99	17.12	17.29	17.03	18.6	0	
20	256QAM	50	0	17.24	17.19	17.24			
20	256QAM	50	24	17.16	17.22	17.18			
20	256QAM	50	50	17.15	17.20	17.03	18.6	0	
20	256QAM	100	0	17.17	17.24	17.13			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.15	17.23	17.07	18.6	0	
15	QPSK	1	37	17.26	17.24	16.95			
15	QPSK	1	74	17.14	17.14	17.19			
15	QPSK	36	0	16.94	17.19	16.94	18.6	0	
15	QPSK	36	20	17.07	17.34	17.14			
15	QPSK	36	39	17.06	17.08	16.99			
15	QPSK	75	0	17.11	17.05	17.19	18.6	0	
15	16QAM	1	0	17.24	17.10	17.14			
15	16QAM	1	37	17.13	17.16	16.93			
15	16QAM	1	74	17.19	17.29	17.00	18.6	0	
15	16QAM	36	0	17.14	17.24	17.11			
15	16QAM	36	20	17.10	17.18	17.05			
15	16QAM	36	39	17.09	17.15	17.03	18.6	0	
15	16QAM	75	0	17.16	17.32	17.07			
15	64QAM	1	0	17.14	17.11	17.00	18.6	0	
15	64QAM	1	37	17.12	17.06	17.15			
15	64QAM	1	74	17.20	17.09	16.98			
15	64QAM	36	0	17.16	17.28	17.12	18.6	0	
15	64QAM	36	20	17.13	17.18	17.09			
15	64QAM	36	39	17.27	17.31	17.12			
15	64QAM	75	0	17.05	17.07	16.84	18.6	0	
15	256QAM	1	0	17.06	17.15	16.85			
15	256QAM	1	37	17.05	17.13	17.01			
15	256QAM	1	74	17.03	17.11	16.90	18.6	0	
15	256QAM	36	0	17.09	17.06	17.08			
15	256QAM	36	20	17.00	17.16	17.06			
15	256QAM	36	39	17.13	17.26	16.99	18.6	0	
15	256QAM	75	0	16.97	17.15	16.97			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.20	17.29	17.07	18.6	0	
10	QPSK	1	25	17.19	17.23	17.08			
10	QPSK	1	49	17.02	17.04	17.16			
10	QPSK	25	0	17.04	17.05	16.95	18.6	0	
10	QPSK	25	12	17.05	17.30	17.02			
10	QPSK	25	25	17.25	17.15	16.98			
10	QPSK	50	0	16.98	17.07	17.04	18.6	0	
10	16QAM	1	0	17.08	17.13	17.07			
10	16QAM	1	25	16.98	17.28	16.97			
10	16QAM	1	49	17.17	17.13	17.09	18.6	0	
10	16QAM	25	0	17.33	17.24	17.02			
10	16QAM	25	12	17.19	17.20	17.05			
10	16QAM	25	25	17.17	17.08	16.95	18.6	0	
10	16QAM	50	0	16.99	17.30	17.11			
10	64QAM	1	0	17.09	17.01	16.87			
10	64QAM	1	25	17.06	17.28	17.09	18.6	0	
10	64QAM	1	49	17.28	17.09	16.99			
10	64QAM	25	0	16.99	17.20	17.02			
10	64QAM	25	12	17.20	17.16	16.98	18.6	0	
10	64QAM	25	25	17.15	17.30	17.20			
10	64QAM	50	0	17.13	17.00	16.98			
10	256QAM	1	0	17.15	17.05	16.84	18.6	0	
10	256QAM	1	25	17.15	17.13	17.13			
10	256QAM	1	49	17.04	17.31	17.03			
10	256QAM	25	0	17.24	17.09	17.18	18.6	0	
10	256QAM	25	12	17.17	17.10	17.08			
10	256QAM	25	25	16.95	17.34	16.90			
10	256QAM	50	0	16.99	17.18	17.10	18.6	0	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.19	17.30	17.14			
5	QPSK	1	12	17.22	17.24	17.04	18.6	0	
5	QPSK	1	24	17.20	16.96	17.22			
5	QPSK	12	0	16.97	17.14	16.98			
5	QPSK	12	7	17.02	17.18	17.12	18.6	0	
5	QPSK	12	13	17.12	17.06	16.93			
5	QPSK	25	0	17.12	17.03	17.20			
5	16QAM	1	0	17.03	17.14	17.14	18.6	0	
5	16QAM	1	12	16.98	17.19	17.01			
5	16QAM	1	24	17.12	17.21	17.17			
5	16QAM	12	0	17.23	17.22	16.98	18.6	0	
5	16QAM	12	7	17.07	17.13	17.06			
5	16QAM	12	13	17.09	17.25	16.91			
5	16QAM	25	0	17.10	17.21	17.01	18.6	0	
5	64QAM	1	0	16.96	16.96	16.81			
5	64QAM	1	12	17.07	17.09	17.20			
5	64QAM	1	24	17.24	17.15	17.10	18.6	0	
5	64QAM	12	0	16.96	17.11	17.08			
5	64QAM	12	7	17.27	17.05	17.02			
5	64QAM	12	13	17.11	17.23	17.13	18.6	0	
5	64QAM	25	0	17.24	17.02	16.87			
5	256QAM	1	0	17.12	17.19	16.90			
5	256QAM	1	12	17.27	17.10	17.21	18.6	0	
5	256QAM	1	24	16.96	17.30	16.90			
5	256QAM	12	0	17.07	17.14	17.17			
5	256QAM	12	7	17.09	17.06	17.11	18.6	0	
5	256QAM	12	13	17.13	17.16	16.90			
5	256QAM	25	0	16.97	17.11	17.03			

Reduced Power Mode for DS13

GSM850 Ant 0		Crest Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	188	251		128	188	251	
Frequency (MHz)		824.2	836.4	848.8	Tune-up Limit (dbm)	824.2	836.4	848.8	Tune-up Limit (dbm)
GSM 1 Tx slot		32.75	32.84	32.78		33.50	23.75	23.84	
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.80	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dbm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4456	Tune-up Limit (dbm)
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99	AMR 12.2Kbps	22.89	22.96	22.78	24.00
3GPP Rel 99	RM 12.2Kbps	22.95	23.03	22.96	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.50	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	21.98	21.59	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.47	21.48	21.52	22.50
3GPP Rel 6	DCHSDPA Subtest-1	22.02	21.95	22.03	23.00
3GPP Rel 6	DCHSDPA Subtest-2	22.04	22.04	21.92	23.00
3GPP Rel 6	DCHSDPA Subtest-3	21.50	21.48	21.37	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.37	21.62	21.49	22.50
3GPP Rel 6	HSPA Subtest-1	21.53	22.02	22.03	23.00
3GPP Rel 6	HSPA Subtest-2	20.05	19.97	19.96	21.00
3GPP Rel 6	HSPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6	HSPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6	HSPA Subtest-5	21.85	22.14	21.86	23.00

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up		Frame-Average Power (dbm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1850.2	1860	1869.8	(dbm)		1850.2	1860	1869.8	(dbm)	
GSM 1 Tx slot		29.15	29.16	29.09	30.50		20.15	20.16	20.09	21.50	
GPRS 1 Tx slot		29.12	29.14	29.05	30.50		20.12	20.14	20.05	21.50	
GPRS 2 Tx slots		25.60	25.63	25.61	26.50		19.60	19.63	19.61	20.50	
GPRS 3 Tx slots		23.92	23.73	23.93	25.00		19.66	19.47	19.67	20.74	
GPRS 4 Tx slots		22.30	22.37	22.38	23.50		19.30	19.37	19.38	20.50	
EDGE 1 Tx slot		25.37	25.19	25.38	26.50		16.37	16.19	16.38	17.50	
EDGE 2 Tx slots		23.65	23.64	23.75	24.50		17.65	17.64	17.75	18.50	
EDGE 3 Tx slots		21.78	21.76	21.81	23.00		17.52	17.50	17.55	18.74	
EDGE 4 Tx slots		19.85	19.69	19.68	21.00		16.85	16.69	16.68	18.00	

Band		WCDMA II Ant 1			Tune-up		WCDMA IV Ant 1			Tune-up	
TX Channel		9262	9400	9538	Limit		1312	1413	1513	Limit	
Rx Channel		9662	9800	9938	(dbm)		1537	1638	1738	(dbm)	
Frequency (MHz)		1852.4	1860	1867.6			1712.4	1722.4	1732.8		
3GPP Rel 99	AMR 12.2kops	22.15	22.23	22.13	23.30		21.80	21.84	21.67	22.60	
3GPP Rel 99	RM 12.2kops	22.27	22.30	22.25	23.30		21.89	21.90	21.81	22.60	
3GPP Rel 6	HSDPA Subtest-1	21.19	21.37	21.12	22.30		20.65	20.67	20.60	21.60	
3GPP Rel 6	HSDPA Subtest-2	21.25	21.43	21.16	22.30		20.83	20.69	20.86	21.60	
3GPP Rel 6	HSDPA Subtest-3	20.80	20.92	20.95	21.80		20.28	20.38	20.51	21.10	
3GPP Rel 6	HSDPA Subtest-4	20.83	20.97	20.84	21.80		20.31	20.34	20.36	21.10	
3GPP Rel 8	DCHSDPA Subtest-1	21.28	21.23	21.33	22.30		20.70	20.60	20.77	21.60	
3GPP Rel 8	DCHSDPA Subtest-2	21.28	21.51	21.28	22.30		20.57	20.92	20.67	21.60	
3GPP Rel 8	DCHSDPA Subtest-3	20.99	20.99	21.01	21.80		20.17	20.58	20.43	21.10	
3GPP Rel 8	DCHSDPA Subtest-4	20.97	21.04	20.82	21.80		20.22	20.28	20.24	21.10	
3GPP Rel 6	HSDPA Subtest-1	21.19	21.36	21.39	22.30		20.63	20.62	20.73	21.60	
3GPP Rel 6	HSDPA Subtest-2	19.30	19.21	19.19	20.30		18.72	18.92	18.71	19.60	
3GPP Rel 6	HSDPA Subtest-3	20.39	20.35	20.47	21.30		19.71	19.65	19.94	20.60	
3GPP Rel 6	HSDPA Subtest-4	19.37	19.36	19.40	20.30		19.00	19.05	18.87	19.60	
3GPP Rel 6	HSDPA Subtest-5	21.23	21.38	21.24	22.30		20.74	20.81	20.89	21.60	

Band 42 FCC Part27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.31	17.37	17.28	18.1	0	
20	QPSK	1	49	17.33	17.34	17.06			
20	QPSK	1	99	17.18	17.17	17.24			
20	QPSK	50	0	17.28	17.32	17.29	18.1	0	
20	QPSK	50	24	17.09	17.31	17.16			
20	QPSK	50	50	17.26	17.19	17.08			
20	QPSK	100	0	17.21	17.24	17.19	18.1	0	
20	16QAM	1	0	17.23	17.32	17.16			
20	16QAM	1	49	17.19	17.33	17.05			
20	16QAM	1	99	17.29	17.34	17.15	18.1	0	
20	16QAM	50	0	17.31	17.33	17.17			
20	16QAM	50	24	17.26	17.32	17.07			
20	16QAM	50	50	17.30	17.24	17.09	18.1	0	
20	16QAM	100	0	17.20	17.31	17.20			
20	64QAM	1	0	17.15	17.17	17.01			
20	64QAM	1	49	17.19	17.28	17.18	18.1	0	
20	64QAM	1	99	17.28	17.21	17.13			
20	64QAM	50	0	17.16	17.26	17.11			
20	64QAM	50	24	17.30	17.23	17.10	18.1	0	
20	64QAM	50	50	17.29	17.36	17.25			
20	64QAM	100	0	17.23	17.20	17.04			
20	256QAM	1	0	17.17	17.20	17.05	18.1	0	
20	256QAM	1	49	17.26	17.22	17.19			
20	256QAM	1	99	17.12	17.29	17.03			
20	256QAM	50	0	17.24	17.19	17.24	18.1	0	
20	256QAM	50	24	17.16	17.22	17.18			
20	256QAM	50	50	17.15	17.20	17.03			
20	256QAM	100	0	17.17	17.24	17.13	Tune-up limit (dBm)	MPR (dB)	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.15	17.23	17.07	18.1	0	
15	QPSK	1	37	17.26	17.24	16.95			
15	QPSK	1	74	17.14	17.14	17.19			
15	QPSK	36	0	16.94	17.19	16.94	18.1	0	
15	QPSK	36	20	17.07	17.34	17.14			
15	QPSK	36	39	17.06	17.08	16.99			
15	QPSK	75	0	17.11	17.05	17.19	18.1	0	
15	16QAM	1	0	17.24	17.10	17.14			
15	16QAM	1	37	17.13	17.16	16.93			
15	16QAM	1	74	17.19	17.29	17.00	18.1	0	
15	16QAM	36	0	17.14	17.24	17.11			
15	16QAM	36	20	17.10	17.18	17.05			
15	16QAM	36	39	17.09	17.15	17.03	18.1	0	
15	16QAM	75	0	17.16	17.32	17.07			
15	64QAM	1	0	17.14	17.11	17.00			
15	64QAM	1	37	17.12	17.06	17.15	18.1	0	
15	64QAM	1	74	17.20	17.09	16.98			
15	64QAM	36	0	17.16	17.28	17.12			
15	64QAM	36	20	17.13	17.18	17.09	18.1	0	
15	64QAM	36	39	17.27	17.31	17.12			
15	64QAM	75	0	17.05	17.07	16.84			
15	256QAM	1	0	17.06	17.15	16.85	18.1	0	
15	256QAM	1	37	17.05	17.13	17.01			
15	256QAM	1	74	17.03	17.11	16.90			
15	256QAM	36	0	17.09	17.06	17.08	18.1	0	
15	256QAM	36	20	17.00	17.16	17.06			
15	256QAM	36	39	17.13	17.26	16.99			
15	256QAM	75	0	16.97	17.15	16.97	Tune-up limit (dBm)	MPR (dB)	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.20	17.29	17.07	18.1	0	
10	QPSK	1	25	17.19	17.23	17.08			
10	QPSK	1	49	17.02	17.04	17.16			
10	QPSK	25	0	17.04	17.05	16.95	18.1	0	
10	QPSK	25	12	17.05	17.30	17.02			
10	QPSK	25	25	17.25	17.15	16.98			
10	QPSK	50	0	16.98	17.07	17.04	18.1	0	
10	16QAM	1	0	17.08	17.13	17.07			
10	16QAM	1	25	16.98	17.28	16.97			
10	16QAM	1	49	17.17	17.13	17.09	18.1	0	
10	16QAM	25	0	17.33	17.24	17.02			
10	16QAM	25	12	17.19	17.20	17.05			
10	16QAM	25	25	17.17	17.08	16.95	18.1	0	
10	16QAM	50	0	16.99	17.30	17.11			
10	64QAM	1	0	17.09	17.01	16.87			
10	64QAM	1	25	17.06	17.28	17.09	18.1	0	
10	64QAM	1	49	17.28	17.09	16.99			
10	64QAM	25	0	16.99	17.20	17.02			
10	64QAM	25	12	17.20	17.16	16.98	18.1	0	
10	64QAM	25	25	17.15	17.30	17.20			
10	64QAM	50	0	17.13	17.00	16.98			
10	256QAM	1	0	17.15	17.05	16.84	18.1	0	
10	256QAM	1	25	17.15	17.13	17.13			
10	256QAM	1	49	17.04	17.31	17.03			
10	256QAM	25	0	17.24	17.09	17.18	18.1	0	
10	256QAM	25	12	17.17	17.10	17.08			
10	256QAM	25	25	16.95	17.34	16.90			
10	256QAM	50	0	16.99	17.18	17.10	Tune-up limit (dBm)	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.19	17.30	17.14	18.1	0	
5	QPSK	1	12	17.22	17.24	17.04			
5	QPSK	1	24	17.20	16.96	17.22			
5	QPSK	12	0	16.97	17.14	16.98	18.1	0	
5	QPSK	12	7	17.02	17.18	17.12			
5	QPSK	12	13	17.12	17.06	16.93			
5	QPSK	25	0	17.12	17.03	17.20	18.1	0	
5	16QAM	1	0	17.03	17.14	17.14			
5	16QAM	1	12	16.98	17.19	17.01			
5	16QAM	1	24	17.12	17.21	17.17	18.1	0	
5	16QAM	12	0	17.23	17.22	16.98			
5	16QAM	12	7	17.07	17.13	17.06			
5	16QAM	12	13	17.09	17.25	16.91	18.1	0	
5	16QAM	25	0	17.10	17.21	17.01			
5	64QAM	1	0	16.96	16.96	16.81			
5	64QAM	1	12	17.07	17.09	17.20	18.1	0	
5	64QAM	1	24	17.24	17.15	17.10			
5	64QAM	12	0	16.96	17.11	17.08			
5	64QAM	12	7	17.27	17.05	17.02	18.1	0	
5	64QAM	12	13	17.11	17.23	17.13			
5	64QAM	25	0	17.24	17.02	16.87			
5	256QAM	1	0	17.12	17.19	16.90	18.1	0	
5	256QAM	1	12	17.27	17.10	17.21			
5	256QAM	1	24	16.96	17.30	16.90			
5	256QAM	12	0	17.07	17.14	17.17	18.1	0	
5	256QAM	12	7	17.09	17.08	17.11			
5	256QAM	12	13	17.13	17.16	16.90			
5	256QAM	25	0	16.97	17.11	17.03	Tune-up limit (dBm)	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			

Reduced Power Mode for DSI6

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel	Frequency (MHz)	161	161	251		161	161	251	
		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.55	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		23.39	23.32	23.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
Tx Channel	Rx Channel	4132	4182	4233	
		4357	4407	4458	
	Frequency (MHz)	824.2	836.4	848.8	
3GPP Rel 99	AMR 12.2Kbps	22.95	22.95	22.73	24.00
3GPP Rel 99	RMTC 12.2Kbps	22.95	23.03	22.98	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.90	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	21.96	21.99	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.58	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.47	21.48	21.52	22.50
3GPP Rel 8	DCHSDPA Subtest-1	22.02	21.95	22.03	23.00
3GPP Rel 8	DCHSDPA Subtest-2	22.04	22.04	21.92	23.00
3GPP Rel 8	DCHSDPA Subtest-3	21.50	21.48	21.37	22.50
3GPP Rel 8	DCHSDPA Subtest-4	21.37	21.62	21.48	22.50
3GPP Rel 6	HSPA Subtest-1	21.93	22.02	22.03	23.00
3GPP Rel 6	HSPA Subtest-2	20.05	19.97	19.86	21.00
3GPP Rel 6	HSPA Subtest-3	21.05	20.94	20.85	22.00
3GPP Rel 6	HSPA Subtest-4	19.84	20.12	20.03	21.00
3GPP Rel 6	HSPA Subtest-5	21.85	22.14	21.86	23.00

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1850	1850.8		1850.2	1850	1850.8	
GSM 1 Tx slot		29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band		WCDMA 1 Ant 1			Tune-up Limit (dbm)	WCDMA 1 Ant 1			Tune-up Limit (dbm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1522.4	1530	1537.6		1522.4	1522.6	1522.6	
3GPP Rel 98		21.58	21.68	21.60	23.30	22.83	22.70	22.72	24.00
3GPP Rel 99		RMC 12.2Kbps	21.81	21.86	21.79	23.30	22.87	22.92	22.89
3GPP Rel 6		HSDPA Subtest-1	20.74	20.89	20.58	22.30	21.75	21.73	21.84
3GPP Rel 6		HSDPA Subtest-2	20.69	20.94	20.69	22.30	21.83	21.75	21.75
3GPP Rel 6		HSDPA Subtest-3	20.33	20.47	20.40	21.80	21.33	21.49	21.47
3GPP Rel 6		HSDPA Subtest-4	20.35	20.48	20.33	21.80	21.29	21.43	21.42
3GPP Rel 8		DCHSDPA Subtest-1	20.80	20.69	20.84	22.30	21.74	21.90	21.86
3GPP Rel 8		DCHSDPA Subtest-2	20.77	20.96	20.79	22.30	21.68	21.62	21.76
3GPP Rel 8		DCHSDPA Subtest-3	20.32	20.47	20.48	21.80	21.25	21.46	21.45
3GPP Rel 8		DCHSDPA Subtest-4	20.51	20.57	20.35	21.80	21.29	21.37	21.27
3GPP Rel 6		HSUPA Subtest-1	20.63	20.88	20.62	22.30	21.74	21.80	21.76
3GPP Rel 6		HSUPA Subtest-2	18.85	18.77	18.73	20.30	19.83	19.62	19.76
3GPP Rel 6		HSUPA Subtest-3	19.91	19.50	19.94	21.30	20.83	20.86	20.92
3GPP Rel 6		HSUPA Subtest-4	18.62	18.67	18.68	20.30	19.95	19.93	19.86
3GPP Rel 6		HSUPA Subtest-5	20.79	20.62	20.76	22.30	21.68	21.79	21.85

Band 42 FCC Part27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	21.6	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	20.18	20.23	20.16	21.6	0	
20	QPSK	1	49	20.09	20.21	20.17			
20	QPSK	1	99	20.16	20.10	20.11			
20	QPSK	50	0	20.10	20.22	20.06	21.6	0	
20	QPSK	50	24	20.13	20.20	20.18			
20	QPSK	50	50	20.05	20.17	20.11			
20	QPSK	100	0	20.13	20.18	20.05	21.6	0	
20	16QAM	1	0	20.09	20.13	20.18			
20	16QAM	1	49	20.09	20.08	20.06			
20	16QAM	1	99	20.06	20.12	20.18	21.6	0	
20	16QAM	50	0	20.12	20.14	20.07			
20	16QAM	50	24	20.17	20.21	20.08			
20	16QAM	50	50	20.14	20.21	20.18	21.6	0	
20	16QAM	100	0	20.13	20.21	20.14			
20	64QAM	1	0	20.18	20.15	20.11			
20	64QAM	1	49	20.09	20.21	20.10	21.6	0	
20	64QAM	1	99	20.13	20.19	20.09			
20	64QAM	50	0	20.19	20.18	20.18			
20	64QAM	50	24	20.14	20.15	20.11	21	0.6	
20	64QAM	50	50	20.18	20.22	20.11			
20	64QAM	100	0	20.10	20.16	20.15			
20	256QAM	1	0	18.04	18.18	18.06	19	2.6	
20	256QAM	1	49	17.91	18.19	18.09			
20	256QAM	1	99	18.08	18.11	18.14			
20	256QAM	50	0	17.92	18.30	17.95	19	2.6	
20	256QAM	50	24	18.12	18.14	18.07			
20	256QAM	50	50	18.01	18.25	18.13			
20	256QAM	100	0	18.07	18.29	18.17	19	2.6	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)		
15	QPSK	1	0	20.06	20.13	20.02	21.6	0	
15	QPSK	1	37	20.04	20.10	20.02			
15	QPSK	1	74	20.02	20.07	20.06			
15	QPSK	36	0	20.06	20.10	20.13	21.6	0	
15	QPSK	36	20	20.07	20.12	20.01			
15	QPSK	36	39	20.06	20.09	20.11			
15	QPSK	75	0	20.11	20.13	20.14	21.6	0	
15	16QAM	1	0	20.06	20.11	20.12			
15	16QAM	1	37	20.12	20.05	20.03			
15	16QAM	1	74	20.07	20.05	20.08	21.6	0	
15	16QAM	36	0	20.02	20.16	20.08			
15	16QAM	36	20	20.10	20.16	20.11			
15	16QAM	36	39	20.05	20.08	20.07	21.6	0	
15	16QAM	75	0	20.06	20.15	20.12			
15	64QAM	1	0	20.12	20.09	20.13			
15	64QAM	1	37	20.02	20.10	20.08	21.6	0	
15	64QAM	1	74	20.01	20.08	20.10			
15	64QAM	36	0	20.08	20.10	20.11			
15	64QAM	36	20	20.08	20.07	20.05	21	0.6	
15	64QAM	36	39	20.13	20.11	20.02			
15	64QAM	75	0	20.00	20.08	20.13			
15	256QAM	1	0	17.98	18.15	17.86	19	2.6	
15	256QAM	1	37	17.77	18.01	18.10			
15	256QAM	1	74	18.06	18.05	18.06			
15	256QAM	36	0	17.85	18.21	17.75	19	2.6	
15	256QAM	36	20	17.92	18.10	17.90			
15	256QAM	36	39	17.98	18.12	18.08			
15	256QAM	75	0	18.00	18.21	17.95	19	2.6	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit (dBm)		
10	QPSK	1	0	20.11	20.17	20.09	21.6	0	
10	QPSK	1	25	20.05	20.17	20.05			
10	QPSK	1	49	20.06	20.15	20.06			
10	QPSK	25	0	20.01	20.11	20.02	21.6	0	
10	QPSK	25	12	20.10	20.06	20.06			
10	QPSK	25	25	20.08	20.13	20.05			
10	QPSK	50	0	20.05	20.16	20.02	21.6	0	
10	16QAM	1	0	20.03	20.13	20.09			
10	16QAM	1	25	20.07	20.08	20.12			
10	16QAM	1	49	20.10	20.16	20.04	21.6	0	
10	16QAM	25	0	20.05	20.05	20.07			
10	16QAM	25	12	20.06	20.07	20.13			
10	16QAM	25	25	20.05	20.06	20.13	21	0.6	
10	64QAM	50	0	20.07	20.09	20.11			
10	256QAM	1	0	17.99	17.99	17.88			
10	256QAM	1	25	17.89	18.14	17.99	19	2.6	
10	256QAM	1	49	18.06	18.01	17.96			
10	256QAM	25	0	17.91	18.18	17.79			
10	256QAM	25	12	17.98	18.07	17.89	19	2.6	
10	256QAM	25	25	17.79	18.08	17.96			
10	256QAM	50	0	18.04	18.13	17.99			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	20.08	20.17	20.09	21.6	0	
5	QPSK	1	12	20.11	20.11	20.05			
5	QPSK	1	24	20.09	20.09	20.03			
5	QPSK	12	0	20.04	20.05	20.12	21.6	0	
5	QPSK	12	7	20.12	20.04	20.06			
5	QPSK	12	13	20.01	20.07	20.00			
5	QPSK	25	0	20.02	20.06	20.01	21.6	0	
5	16QAM	1	0	20.01	20.11	20.09			
5	16QAM	1	12	20.09	20.09	20.03			
5	16QAM	1	24	20.11	20.14	20.09	21.6	0	
5	16QAM	12	0	20.05	20.14	20.05			
5	16QAM	12	7	20.08	20.06	20.07			
5	16QAM	12	13	20.14	20.15	20.11	21.6	0	
5	16QAM	25	0	20.04	20.09	20.01			
5	64QAM	1	0	20.02	20.07	20.06			
5	64QAM	1	12	20.01	20.14	20.10	21.6	0	
5	64QAM	1	24	20.07	20.13	20.07			
5	64QAM	12	0	20.12	20.09	20.03			
5	64QAM	12	7	20.02	20.03	20.06	21	0.6	
5	64QAM	12	13	20.07	20.11	20.13			
5	64QAM	25	0	20.04	20.10	20.14			
5	256QAM	1	0	18.04	18.07	18.02	19	2.6	
5	256QAM	1	12	17.83	18.16	17.96			
5	256QAM	1	24	18.06	18.05	18.08			
5	256QAM	12	0	17.90	18.25	17.78	19	2.6	
5	256QAM	12	7	18.00	18.13	17.99			
5	256QAM	12	13	17.92	18.26	18.15			
5	256QAM	25	0	18.04	18.15	18.15	19	2.6	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)		

Reduced Power Mode for DSI7

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		124	168	251		124	168	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.75	32.84	32.78	33.50	23.75	23.84	23.78	24.50
GPRS 1 Tx slot		32.72	32.81	32.76	33.50	23.72	23.81	23.76	24.50
GPRS 2 Tx slots		29.53	29.31	29.65	30.50	23.53	23.31	23.55	24.50
GPRS 3 Tx slots		27.72	27.53	27.50	28.50	23.48	23.27	23.24	24.24
GPRS 4 Tx slots		26.41	26.38	26.30	27.50	23.41	23.38	23.30	24.50
EDGE 1 Tx slot		26.76	26.71	26.73	27.50	17.76	17.71	17.73	18.50
EDGE 2 Tx slots		25.39	25.32	25.35	26.50	19.39	19.32	19.35	20.50
EDGE 3 Tx slots		23.86	23.66	23.70	24.50	19.60	19.40	19.44	20.24
EDGE 4 Tx slots		21.64	21.65	21.54	22.50	18.64	18.65	18.54	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		824.2	836.4	848.8	
3GPP Rel 99 RMC 12.2Kbps		22.93	22.95	22.73	24.00
3GPP Rel 99 RMC 12.2Kbps		22.95	23.03	22.96	24.00
3GPP Rel 6 HSDPA Subtest-1		22.05	22.00	21.90	23.00
3GPP Rel 6 HSDPA Subtest-2		22.01	21.96	21.99	23.00
3GPP Rel 6 HSDPA Subtest-3		21.53	21.58	21.52	22.50
3GPP Rel 6 HSDPA Subtest-4		21.47	21.46	21.52	22.50
3GPP Rel 6 DCHSDPA Subtest-1		22.02	21.95	22.03	23.00
3GPP Rel 6 DCHSDPA Subtest-2		22.04	22.04	21.82	23.00
3GPP Rel 6 DCHSDPA Subtest-3		21.50	21.48	21.37	22.50
3GPP Rel 6 DCHSDPA Subtest-4		21.37	21.62	21.49	22.50
3GPP Rel 6 HSUPA Subtest-1		21.93	22.02	22.03	23.00
3GPP Rel 6 HSUPA Subtest-2		20.05	19.97	19.86	21.00
3GPP Rel 6 HSUPA Subtest-3		21.05	20.94	20.85	22.00
3GPP Rel 6 HSUPA Subtest-4		19.84	20.12	20.03	21.00
3GPP Rel 6 HSUPA Subtest-5		21.85	22.14	21.86	23.00

GSM1900 Ant 1		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1900.8		1850.2	1860	1900.8	
GSM 1 Tx slot		29.15	29.16	29.09	30.50	20.15	20.16	20.09	21.50
GPRS 1 Tx slot		29.12	29.14	29.05	30.50	20.12	20.14	20.05	21.50
GPRS 2 Tx slots		25.66	25.63	25.61	26.50	19.60	19.63	19.61	20.50
GPRS 3 Tx slots		23.92	23.73	23.93	25.00	19.66	19.47	19.67	20.74
GPRS 4 Tx slots		22.30	22.37	22.38	23.50	19.30	19.37	19.38	20.50
EDGE 1 Tx slot		25.37	25.19	25.38	26.50	16.37	16.19	16.38	17.50
EDGE 2 Tx slots		23.65	23.64	23.75	24.50	17.65	17.64	17.75	18.50
EDGE 3 Tx slots		21.78	21.76	21.81	23.00	17.52	17.50	17.55	18.74
EDGE 4 Tx slots		19.85	19.69	19.68	21.00	16.85	16.69	16.68	18.00

Band		WCDMA 1 Ant 1			Tune-up Limit (dbm)	WCDMA 1 Ant 1			Tune-up Limit (dbm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1522.4	1530	1537.5		1722.4	1732.2	1737.6	
3GPP Rel 99 RMC 12.2Kbps		20.58	20.65	20.59	21.60	20.80	20.74	20.66	21.70
3GPP Rel 99 RMC 12.2Kbps		20.71	20.76	20.69	21.60	20.81	20.87	20.82	21.70
3GPP Rel 6 HSDPA Subtest-1		19.59	19.82	19.52	20.60	19.58	19.68	19.75	20.70
3GPP Rel 6 HSDPA Subtest-2		19.64	19.82	19.60	20.60	19.64	19.60	19.63	20.70
3GPP Rel 6 HSDPA Subtest-3		19.23	19.43	19.43	20.10	19.22	19.36	19.47	20.20
3GPP Rel 6 HSDPA Subtest-4		19.27	19.47	19.22	20.10	19.20	19.28	19.33	20.20
3GPP Rel 6 DCHSDPA Subtest-1		19.68	19.70	19.79	20.60	19.68	19.69	19.66	20.70
3GPP Rel 6 DCHSDPA Subtest-2		19.69	19.90	19.69	20.60	19.51	19.68	19.69	20.70
3GPP Rel 6 DCHSDPA Subtest-3		19.45	19.39	19.45	20.10	19.16	19.47	19.36	20.20
3GPP Rel 6 DCHSDPA Subtest-4		19.49	19.52	19.33	20.10	19.14	19.28	19.22	20.20
3GPP Rel 6 HSUPA Subtest-1		19.58	19.77	19.60	20.60	19.52	19.74	19.75	20.70
3GPP Rel 6 HSUPA Subtest-2		17.70	17.61	17.61	18.60	17.72	17.85	17.73	18.70
3GPP Rel 6 HSUPA Subtest-3		18.81	18.76	18.85	19.60	18.71	18.81	18.86	19.70
3GPP Rel 6 HSUPA Subtest-4		17.68	17.85	17.66	18.60	17.90	17.93	17.83	18.70
3GPP Rel 6 HSUPA Subtest-5		19.71	19.83	19.70	20.60	19.75	19.77	19.77	20.70

Band 42 FCC Part27Q Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	15.86	15.92	15.84	16.7	0	
20	QPSK	1	49	15.87	15.89	15.80			
20	QPSK	1	99	15.82	15.89	15.79			
20	QPSK	50	0	15.75	15.90	15.82			
20	QPSK	50	24	15.86	15.89	15.79	16.7	0	
20	QPSK	50	50	15.89	15.81	15.76			
20	QPSK	100	0	15.77	15.89	15.67			
20	16QAM	1	0	15.86	15.80	15.77			
20	16QAM	1	49	15.77	15.82	15.85	16.7	0	
20	16QAM	50	0	15.80	15.91	15.80			
20	16QAM	50	0	15.78	15.90	15.84			
20	16QAM	50	24	15.80	15.81	15.88			
20	16QAM	50	50	15.83	15.89	15.85	16.7	0	
20	16QAM	100	0	15.85	15.85	15.86			
20	64QAM	1	0	15.86	15.83	15.79			
20	64QAM	1	49	15.79	15.79	15.87	16.7	0	
20	64QAM	1	99	15.88	15.89	15.77			
20	64QAM	50	0	15.76	15.88	15.75			
20	64QAM	50	24	15.83	15.80	15.85			
20	64QAM	50	50	15.87	15.90	15.85	16.7	0	
20	64QAM	100	0	15.78	15.90	15.88			
20	256QAM	1	0	15.86	15.83	15.88			
20	256QAM	1	49	15.80	15.80	15.76	16.7	0	
20	256QAM	1	99	15.77	15.82	15.85			
20	256QAM	50	0	15.85	15.85	15.85			
20	256QAM	50	24	15.83	15.82	15.84			
20	256QAM	50	50	15.81	15.85	15.89	16.7	0	
20	256QAM	100	0	15.87	15.79	15.81			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3542.5			
15	QPSK	1	0	15.75	15.83	15.75	16.7	0	
15	QPSK	1	37	15.78	15.76	15.83			
15	QPSK	1	74	15.77	15.83	15.76			
15	QPSK	36	0	15.77	15.75	15.83			
15	QPSK	36	20	15.85	15.79	15.85	16.7	0	
15	QPSK	36	39	15.83	15.87	15.73			
15	QPSK	75	0	15.82	15.81	15.81			
15	16QAM	1	0	15.76	15.75	15.74			
15	16QAM	1	37	15.85	15.82	15.79	16.7	0	
15	16QAM	1	74	15.77	15.76	15.79			
15	16QAM	36	0	15.85	15.80	15.78			
15	16QAM	36	20	15.84	15.87	15.74			
15	16QAM	36	39	15.79	15.79	15.81	16.7	0	
15	16QAM	75	0	15.76	15.81	15.76			
15	64QAM	1	0	15.73	15.80	15.79			
15	64QAM	1	37	15.80	15.77	15.79			
15	64QAM	1	74	15.80	15.81	15.84	16.7	0	
15	64QAM	36	0	15.72	15.86	15.76			
15	64QAM	36	20	15.85	15.86	15.77			
15	64QAM	36	39	15.79	15.75	15.80			
15	64QAM	75	0	15.78	15.87	15.76	16.7	0	
15	256QAM	1	0	15.81	15.85	15.83			
15	256QAM	1	37	15.75	15.84	15.75			
15	256QAM	1	74	15.79	15.79	15.81			
15	256QAM	36	0	15.83	15.85	15.77	16.7	0	
15	256QAM	36	20	15.85	15.79	15.81			
15	256QAM	36	39	15.78	15.77	15.76			
15	256QAM	75	0	15.77	15.77	15.84			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	15.77	15.81	15.73	16.7	0	
10	QPSK	1	25	15.85	15.85	15.80			
10	QPSK	1	49	15.83	15.84	15.86			
10	QPSK	25	0	15.85	15.86	15.78			
10	QPSK	25	12	15.79	15.87	15.75	16.7	0	
10	QPSK	25	25	15.77	15.87	15.81			
10	QPSK	50	0	15.78	15.83	15.78			
10	16QAM	1	0	15.84	15.75	15.78			
10	16QAM	1	25	15.72	15.76	15.77	16.7	0	
10	16QAM	1	49	15.76	15.86	15.79			
10	16QAM	25	0	15.77	15.85	15.84			
10	16QAM	25	12	15.83	15.85	15.76			
10	16QAM	25	25	15.76	15.80	15.83	16.7	0	
10	16QAM	50	0	15.73	15.85	15.82			
10	64QAM	1	0	15.76	15.77	15.77			
10	64QAM	1	25	15.75	15.77	15.83			
10	64QAM	1	49	15.80	15.77	15.80	16.7	0	
10	64QAM	25	0	15.85	15.88	15.78			
10	64QAM	25	12	15.83	15.75	15.76			
10	64QAM	25	25	15.84	15.85	15.75			
10	64QAM	50	0	15.77	15.76	15.78	16.7	0	
10	256QAM	1	0	15.84	15.77	15.79			
10	256QAM	1	25	15.81	15.86	15.72			
10	256QAM	1	49	15.77	15.80	15.78			
10	256QAM	25	0	15.74	15.75	15.75	16.7	0	
10	256QAM	25	12	15.85	15.87	15.76			
10	256QAM	25	25	15.76	15.82	15.84			
10	256QAM	50	0	15.79	15.85	15.76			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	15.82	15.80	15.74	16.7	0	
5	QPSK	1	12	15.73	15.80	15.74			
5	QPSK	1	24	15.72	15.80	15.78			
5	QPSK	12	0	15.73	15.88	15.74			
5	QPSK	12	7	15.74	15.79	15.86	16.7	0	
5	QPSK	12	13	15.83	15.77	15.79			
5	QPSK	25	0	15.81	15.87	15.77			
5	16QAM	1	0	15.78	15.75	15.83			
5	16QAM	1	12	15.78	15.80	15.77	16.7	0	
5	16QAM	1	24	15.81	15.77	15.78			
5	16QAM	12	0	15.84	15.79	15.74			
5	16QAM	12	7	15.82	15.85	15.85			
5	16QAM	12	13	15.80	15.84	15.83	16.7	0	
5	16QAM	25	0	15.79	15.76	15.79			
5	64QAM	1	0	15.80	15.84	15.75			
5	64QAM	1	12	15.79	15.83	15.85			
5	64QAM	1	24	15.81	15.83	15.74	16.7	0	
5	64QAM	12	0	15.76	15.86	15.75			
5	64QAM	12	7	15.85	15.86	15.80			
5	64QAM	12	13	15.73	15.86	15.75			
5	64QAM	25	0	15.80	15.87	15.78	16.7	0	
5	256QAM	1	0	15.73	15.86	15.78			
5	256QAM	1	12	15.81	15.87	15.75			
5	256QAM	1	24	15.78	15.81	15.79			
5	256QAM	12	0	15.74	15.74	15.78	16.7	0	
5	256QAM	12	7	15.76	15.86	15.80			
5	256QAM	12	13	15.75	15.86	15.77			
5	256QAM	25	0	15.84	15.79	15.76			

Band 4 Ant 4												
BSF (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Mid (dBm)	Power High (dBm)	Turnup Int. (dB)	Turnup Int. (dB)	MFR (dB)			
Channel												
20	QPSK	1	0	22.93	23.05	22.93						
20	QPSK	1	46	22.79	22.73	22.87				24	0	
20	QPSK	1	92	23.08	22.97	23.05						
20	QPSK	50	0	21.63	22.01	21.78						
20	QPSK	50	24	21.89	21.66	21.80				23	1	
20	QPSK	50	48	21.60	21.74	21.63						
20	QPSK	100	0	21.68	21.56	21.60						
20	QPSK	1	99	21.81	21.69	21.78				23	1	
20	QPSK	1	145	21.50	21.74	21.78						
20	QPSK	50	96	21.60	21.87	21.63						
20	QPSK	50	24	20.73	20.75	20.65				22	2	
20	QPSK	50	48	20.81	20.82	20.72						
20	QPSK	1	46	20.53	20.51	20.52				22	2	
20	QPSK	1	92	20.76	20.74	20.75						
20	QPSK	50	0	19.32	19.32	19.30						
20	QPSK	50	24	19.55	19.86	19.76				21	3	
20	QPSK	50	48	19.74	19.65	19.70						
20	QPSK	100	0	19.66	19.87	19.40						
20	QPSK	1	99	17.89	17.90	17.90				19		
20	QPSK	1	145	17.79	17.90	17.90						
20	QPSK	50	96	18.01	17.86	17.89						
20	QPSK	50	24	17.74	17.86	17.86						
20	QPSK	50	48	17.91	17.82	17.84				19		
20	QPSK	50	96	17.88	17.43	17.72						
Channel												
Frequency (MHz)				20005	20176	20396	Turnup Int. (dB)	20176	MFR (dB)			
15	QPSK	1	0	17.173	17.272	17.473						
15	QPSK	1	37	17.26	17.27	17.26				24	0	
15	QPSK	1	74	22.61	22.46	22.67						
15	QPSK	1	110	22.83	22.61	22.83						
15	QPSK	20	0	21.81	21.60	21.84				23	1	
15	QPSK	36	0	21.69	21.79	21.80						
15	QPSK	36	36	21.49	21.67	21.67				23	1	
15	QPSK	1	145	21.43	21.67	21.65						
15	QPSK	1	181	21.49	21.65	21.65						
15	QPSK	36	0	20.44	20.65	20.68						
15	QPSK	36	36	20.73	20.63	20.63				22	2	
15	QPSK	36	72	20.84	20.56	20.56						
15	QPSK	72	0	20.63	20.36	20.33						
15	QPSK	72	36	20.36	20.36	20.36						
15	QPSK	1	99	20.53	20.44	20.50				22	2	
15	QPSK	1	174	20.54	20.27	20.51						
15	QPSK	1	210	20.76	20.67	20.76						
15	QPSK	36	20	19.44	19.85	19.84				21	3	
15	QPSK	36	56	19.63	19.81	19.80						
15	QPSK	36	92	19.83	19.68							

Band 7 Ant 4									
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power Mid Ch (dBm)	Power High Ch (dBm)	Turn-on time (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.08	23.13	23.91			
20	QPSK	1	49	22.87	22.91	22.78	24	0	
20	QPSK	1	98	22.83	22.96	22.77			
20	QPSK	50	0	22.00	22.08	21.84			
20	QPSK	50	24	22.01	21.91	21.81	23	1	
20	QPSK	50	49	22.03	21.72	21.94			
20	QPSK	100	0	21.82	21.85	21.82			
20	QPSK	100	24	21.86	21.89	21.88	23	1	
20	QPSK	100	49	21.82	21.84	21.82			
20	QPSK	1	99	22.13	21.81	21.78			
20	QPSK	1	148	22.06	21.98	21.96			
20	QPSK	50	24	20.75	20.52	20.44	22	2	
20	QPSK	50	50	20.75	20.59	20.58			
20	QPSK	50	75	20.86	20.56	20.58			
20	QPSK	1	0	20.87	20.89	20.87			
20	QPSK	1	49	21.21	20.84	20.83	22	2	
20	QPSK	1	98	21.21	20.84	20.83			
20	QPSK	50	0	19.94	19.71	19.75			
20	QPSK	50	24	19.95	19.94	19.92	21	3	
20	QPSK	50	49	19.99	19.99	19.99			
20	QPSK	100	0	19.82	19.65	19.62			
20	QPSK	100	24	19.80	19.69	19.68	19		
20	QPSK	100	49	19.81	19.65	19.65			
20	QPSK	1	99	17.83	17.93	17.92			
20	QPSK	1	148	17.86	17.99	17.72	19		
20	QPSK	50	24	16.04	17.68	17.53	19		
20	QPSK	50	50	17.71	17.88	17.72			
20	QPSK	50	75	17.86	17.88	17.88			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.07	22.01	22.52			
15	QPSK	1	49	22.06	22.02	22.57	24	0	
15	QPSK	1	98	22.06	22.02	22.57			
15	QPSK	50	20	21.80	21.81	21.81	23	1	
15	QPSK	50	39	21.89	21.73	21.74			
15	QPSK	50	58	21.81	21.68	21.63			
15	QPSK	1	0	21.79	21.86	21.83			
15	QPSK	1	49	21.80	21.80	21.79	23	1	
15	QPSK	1	98	21.79	21.78	21.72			
15	QPSK	50	0	20.67	20.60	20.30			
15	QPSK	50	20	20.74	20.45	20.38	22	2	
15	QPSK	50	39	20.75	20.56	20.55			
15	QPSK	50	58	20.65	20.46	20.38			
15	QPSK	1	99	17.86	17.99	17.77	19		
15	QPSK	1	148	17.80	17.85	17.69	19		
15	QPSK	1	0	20.68	20.65	20.55	22	2	
15	QPSK	1	49	20.68	20.65	20.55			
15	QPSK	1	98	20.68	20.65	20.55			
15	QPSK	50	20	19.87	19.88	19.78	21	3	
15	QPSK	50	39	19.82	19.74	19.75			
15	QPSK	50	58	19.76	19.65	19.65			
15	QPSK	1	0	17.87	17.73	17.76			
15	QPSK	1	49	17.83	17.67	17.80	19	5	
15	QPSK	1	98	17.73	17.78				

[illegible]

Band 4 Ant 4										
Ref (MHz)	Mutation	RB Size	RB Count	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turn-on (s)	MFR (dB)	
Channel										
20050 20070 20090										
20	QPSK	1	0	18.40	18.03	18.30				
20	QPSK	1	46	18.40	18.38	18.34		15.1	0	
20	QPSK	50	0	18.40	18.38	18.34				
20	QPSK	50	0	18.35	18.31	18.26				
20	QPSK	50	24	18.40	18.38	18.47				
20	QPSK	50	24	18.40	18.38	18.47		15.1	0	
20	QPSK	100	0	18.45	18.46	18.42				
20	QPSK	100	0	18.35	18.46	18.42				
20	QPSK	100	46	18.45	18.46	18.42		15.1	0	
20	QPSK	100	0	18.35	18.47	18.35				
20	QPSK	100	24	18.41	18.42	18.34				
20	QPSK	50	50	18.45	18.39	18.35		15.1	0	
20	QPSK	1	0	18.40	18.41	18.42				
20	QPSK	1	0	18.35	18.47	18.35				
20	QPSK	1	46	18.35	18.48	18.35		15.1	0	
20	QPSK	50	0	18.35	18.47	18.35				
20	QPSK	50	0	18.38	18.37	18.40				
20	QPSK	50	24	18.39	18.37	18.41		15.1	0	
20	QPSK	100	0	18.43	18.41	18.38				
20	QPSK	100	0	17.59	17.56	17.58				
20	QPSK	100	1	17.75	17.70	17.75		15.1	0	
20	QPSK	1	99	18.01	17.68	17.59				
20	QPSK	1	99	18.01	17.68	17.59				
20	QPSK	50	24	17.51	17.62	17.64		15.1	0	
20	QPSK	50	50	17.68	17.43	17.72				
20	QPSK	50	50	17.72	17.43	17.72				
Channel										
20050 20070 20090										
Frequency (MHz)										
171.7 172.3 174.7										
15	QPSK	1	0	18.40	18.42	18.38				
15	QPSK	1	37	18.30	18.42	18.38		15.1	0	
15	QPSK	1	74	18.30	18.33	18.38				
15	QPSK	36	0	18.30	18.38	18.41				
15	QPSK	36	20	18.40	18.34	18.36				
15	QPSK	36	36	18.36	18.37	18.33				
15	QPSK	36	36	18.40	18.38	18.41				
15	QPSK	1	0	18.28	18.34	18.29				
15	QPSK	1	37	18.35	18.36	18.42		15.1	0	
15	QPSK	1	37	18.35	18.36	18.42				
15	QPSK	1	37	18.35	18.36	18.42				
15	QPSK	36	0	18.38	18.43	18.35				
15	QPSK	36	20	18.35	18.33	18.33				
15	QPSK	36	20	18.37	18.35	18.35				
15	QPSK	75	0	18.38	18.38	18.28				
15	QPSK	75	0	18.38	18.38	18.28				
15	QPSK	1	37	18.35	18.43	18.35		15.1	0	
15	QPSK	1	74	18.40	18.41	18.29				
15	QPSK	36	0	18.46	18.46	18.46				
15	QPSK	36	20	18.34	18.44	18.34		15.1	0	
15	QPSK	36	36	18.41	18.38	18.32				
15	QPSK	1	0	17.76	17.66	17.56				
15										

Band 7 Ant 4										
RF Mhz	Modulation	RB Size	RB Offset	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Turnup Time (Sec)	MFR (dB)		
Channel 206850										
20	QPSK	1	0	16.87	16.82	16.78				
20	QPSK	1	49	16.71	16.73	16.78	17.4	0		
20	QPSK	1	98	16.73	16.74	16.78				
20	QPSK	10	0	16.87	16.78	16.88				
20	QPSK	10	24	16.86	16.78	16.88				
20	QPSK	50	0	16.76	16.76	16.88	17.4	0		
20	QPSK	100	0	16.87	16.78	16.88				
20	QPSK	100	24	16.86	16.78	16.88				
20	QPSK	1	49	16.88	16.88	16.73				
20	QPSK	1	98	16.71	16.88	16.78	17.4	0		
20	QPSK	10	0	16.73	16.76	16.88				
20	QPSK	10	24	16.75	16.87	16.78				
20	QPSK	50	0	16.73	16.88	16.88				
20	QPSK	100	0	16.83	16.74	16.87				
20	QPSK	100	24	16.87	16.71	16.88	17.4	0		
20	QPSK	1	49	16.88	16.88	16.77				
20	QPSK	1	98	16.87	16.76	16.88	17.4	0		
20	QPSK	10	0	16.71	16.73	16.88				
20	QPSK	10	24	16.76	16.78	16.88	17.4	0		
20	QPSK	50	0	16.74	16.74	16.76				
Channel 206925										
15	QPSK	1	0	16.70	16.88	16.74				
15	QPSK	1	37	16.73	16.88	16.87	17.4	0		
15	QPSK	1	74	16.87	16.87	16.73				
15	QPSK	30	0	16.66	16.72	16.82				
15	QPSK	30	26	16.68	16.72	16.74				
15	QPSK	30	52	16.66	16.73	16.82	17.4	0		
15	QPSK	70	0	16.70	16.73	16.87				
15	QPSK	70	26	16.66	16.73	16.87				
15	QPSK	1	37	16.75	16.88	16.85				
15	QPSK	1	74	16.69	16.71	16.85				
15	QPSK	30	0	16.71	16.82	16.87	17.4	0		
15	QPSK	30	26	16.75	16.80	16.74				
15	QPSK	30	52	16.68	16.79	16.68				
15	QPSK	70	0	16.75	16.73	16.83				
15	QPSK	1	37	16.84	16.88	16.72				
15	QPSK	1	74	16.78	16.78	16.72	17.4	0		
15	QPSK	30	0	16.60	16.78	16.78				
15	QPSK	30	26	16.73	16.73	16.78	17.4	0		
15	QPSK	30	52	16.78	16.78	16.76				
15	QPSK	70	0	16.71	16.73	16.72				
15	QPSK	70	26	16.67	16.77	16.88				
15	QPSK	1	37	16.66	16.76	16.73				
15	QPSK	1	74	16.68	16.80	16.86				
15	QPSK	30	0	16.78	16.78	16.69				
15	QPSK	30	26	16.62	16.67	16.62				
15	QPSK	70	0	16.75	16.79	16.75	17.4	0		
15	QPSK	70	26	16.64	16.74	16.64				
Channel 206950										
10	QPSK	1	0	16.80	16.80	16.74				
10	QPSK	1	25	16.88	16.87	16.74				

Band 66 Ant 4											
RF (MHz)	Modulation	RF Rate	RF Offset	Power Ch1 (dBm)	Power Ch2 (dBm)	Power Ch3 (dBm)	Turnup Time (s)	MFR (dB)			
Channel				130022	130222	130272					
Frequency (MHz)											
20	QPSK	1	0	18.45	18.45	18.47					
20	QPSK	1	49	18.28	18.55	18.47	19	1	0		
20	QPSK	1	98	18.28	18.55	18.33					
20	QPSK	50	0	18.44	18.44	18.47					
20	QPSK	50	24	18.48	18.48	18.48					
20	QPSK	50	49	18.41	18.41	18.41	19	1	0		
20	QPSK	100	0	18.51	18.52	18.51					
20	QPSK	100	24	18.50	18.52	18.50					
20	16QAM	1	99	18.51	18.49	18.49	19	1	0		
20	16QAM	1	99	18.41	18.52	18.51					
20	16QAM	50	24	18.38	18.51	18.48					
20	16QAM	50	50	18.48	18.45	18.42	19	1	0		
20	16QAM	1	49	18.45	18.54	18.51					
20	16QAM	1	98	18.45	18.54	18.51					
20	16QAM	50	0	18.52	18.45	18.45					
20	16QAM	50	0	18.46	18.51	18.50					
20	16QAM	50	24	18.42	18.45	18.40	19	1	0		
20	16QAM	50	49	18.43	18.41	18.41					
20	16QAM	100	0	18.39	18.52	18.49					
20	16QAM	100	0	17.84	17.72	17.62					
20	16QAM	100	0	17.84	17.72	17.62					
20	16QAM	100	24	17.85	17.80	17.80					
20	16QAM	100	49	17.85	17.80	17.80	19	0	1		
20	16QAM	50	24	17.68	17.83	17.58					
20	16QAM	50	50	17.89	17.58	17.58					
20	16QAM	50	99	17.89	17.58	17.58	19	0	1		
Channel				130047 <th>130247<th>130297<th></th><th></th><th></th><th></th></th></th>	130247 <th>130297<th></th><th></th><th></th><th></th></th>	130297 <th></th> <th></th> <th></th> <th></th>					
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	97	18.48	18.44	18.44					
15	QPSK	1	97	18.40	18.41	18.37	19	1	0		
15	QPSK	1	98	18.40	18.41	18.37					
15	QPSK	24	0	18.42	18.45	18.42					
15	QPSK	30	0	18.41	18.45	18.37					
15	QPSK	30	24	18.33	18.33	18.33	19	1	0		
15	16QAM	1	97	18.33	18.38	18.28					
15	16QAM	1	97	18.33	18.38	18.28					
15	16QAM	1	97	18.30	18.36	18.42					
15	16QAM	24	0	18.36	18.44	18.40					
15	16QAM	30	0	18.35	18.35	18.34					
15	16QAM	30	24	18.38	18.38	18.38	19	0	1		
15	16QAM	75	0	18.41	18.35	18.40					
15	16QAM	75	24	18.40	18.40	18.28					
15	16QAM	1	97	18.37	18.33	18.29	19	1	0		
15	16QAM	1	74	18.33	18.43	18.38					
15	16QAM	24	0	18.38	18.38	18.38					
15	16QAM	30	0	18.36	18.35	18.41	19	1	0		
15	16QAM	30	24	18.35	18.35	18.41					
15	16QAM	100	0	17.47	17.66	17.49					
15	16QAM	100	0	17.86							

Band 5 Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	23.11	23.21	23.05	24	0		
10	QPSK	1	25	22.99	22.96	22.91				
10	QPSK	1	49	23.01	23.20	22.94				
10	QPSK	25	0	22.11	22.19	22.12	23	1		
10	QPSK	25	12	22.00	21.98	21.79				
10	QPSK	25	25	22.05	22.07	22.05				
10	QPSK	50	0	22.10	22.14	22.10	23	1		
10	16QAM	1	0	22.00	21.95	21.92				
10	16QAM	1	25	22.05	21.97	21.95				
10	16QAM	1	49	22.28	22.05	22.14	22	2		
10	16QAM	25	0	20.85	20.89	20.72				
10	16QAM	25	12	20.94	21.17	20.91				
10	16QAM	25	25	20.76	20.95	20.76	22	2		
10	16QAM	50	0	20.86	21.07	20.85				
10	64QAM	1	0	21.14	21.06	20.83				
10	64QAM	1	25	21.01	21.18	20.98	22	2		
10	64QAM	1	49	21.03	20.90	20.98				
10	64QAM	25	0	20.09	20.02	19.92				
10	64QAM	25	12	20.05	20.11	19.75	21	3		
10	64QAM	25	25	20.16	20.11	19.93				
10	64QAM	50	0	20.24	20.05	20.15				
10	256QAM	1	0	18.08	18.02	18.16	19	5		
10	256QAM	1	25	18.10	18.26	18.07				
10	256QAM	1	49	17.91	17.95	18.03				
10	256QAM	25	0	17.84	18.21	18.02	19	5		
10	256QAM	25	12	18.08	17.85	17.84				
10	256QAM	25	25	17.89	18.10	18.04				
10	256QAM	50	0	18.12	18.12	17.95				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.05	23.00	22.92	24	0		
5	QPSK	1	12	22.88	22.96	22.79				
5	QPSK	1	24	23.01	23.00	22.83				
5	QPSK	12	0	22.10	22.10	21.96	23	1		
5	QPSK	12	7	21.95	21.95	21.83				
5	QPSK	12	13	21.88	21.89	21.84				
5	QPSK	25	0	21.96	22.10	21.95	23	1		
5	16QAM	1	0	22.01	21.92	21.73				
5	16QAM	1	12	21.91	21.92	21.92				
5	16QAM	1	24	22.10	21.84	22.10	22	2		
5	16QAM	12	0	20.66	20.80	20.64				
5	16QAM	12	7	20.89	20.99	20.90				
5	16QAM	12	13	20.60	20.83	20.71	22	2		
5	16QAM	25	0	20.87	21.09	20.87				
5	64QAM	1	0	21.02	20.86	20.78				
5	64QAM	1	12	20.87	20.98	21.00	22	2		
5	64QAM	1	24	20.90	20.84	20.81				
5	64QAM	12	0	19.91	19.82	19.78				
5	64QAM	12	7	20.07	19.96	19.77	21	3		
5	64QAM	12	13	20.16	19.97	19.91				
5	64QAM	25	0	20.17	19.84	20.00				
5	256QAM	1	0	17.95	17.87	18.15	19	5		
5	256QAM	1	12	18.00	18.13	17.94				
5	256QAM	1	24	17.69	17.95	17.83				
5	256QAM	12	0	17.71	18.09	18.01	19	5		
5	256QAM	12	7	18.04	17.78	17.77				
5	256QAM	12	13	17.73	18.09	17.96				
5	256QAM	25	0	17.97	18.05	17.92				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.93	23.11	22.89	24	0		
3	QPSK	1	8	23.00	22.94	22.77				
3	QPSK	1	14	22.79	23.15	22.95				
3	QPSK	8	0	21.95	22.14	22.11	23	1		
3	QPSK	8	4	21.84	21.86	21.64				
3	QPSK	8	7	21.82	22.06	21.94				
3	QPSK	15	0	22.11	21.96	21.88	23	1		
3	16QAM	1	0	21.89	21.95	21.70				
3	16QAM	1	8	21.90	21.75	21.83				
3	16QAM	1	14	22.12	21.99	21.97	22	2		
3	16QAM	8	0	20.71	20.78	20.66				
3	16QAM	8	4	20.77	21.07	20.87				
3	16QAM	8	7	20.70	20.93	20.76	22	2		
3	16QAM	15	0	20.84	20.86	20.70				
3	64QAM	1	0	20.97	20.87	20.87				
3	64QAM	1	8	20.84	20.98	20.92	22	2		
3	64QAM	1	14	20.97	20.90	20.89				
3	64QAM	8	0	19.94	19.83	19.86	21	3		
3	64QAM	8	4	19.90	19.99	19.57				
3	64QAM	8	7	19.94	20.06	19.91				
3	64QAM	15	0	20.10	19.96	19.93	19	5		
3	256QAM	1	0	18.08	17.84	17.99				
3	256QAM	1	8	18.05	18.05	17.91				
3	256QAM	1	14	17.91	17.84	17.85	19	5		
3	256QAM	8	0	17.69	18.12	17.99				
3	256QAM	8	4	17.90	17.82	17.75				
3	256QAM	8	7	17.80	18.09	17.91	19	5		
3	256QAM	15	0	18.12	17.94	17.79				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.05	23.08	22.94	24	0		
1.4	QPSK	1	3	23.00	22.90	22.79				
1.4	QPSK	1	5	22.96	23.17	22.95				
1.4	QPSK	3	0	23.00	23.19	22.88	23	1		
1.4	QPSK	3	1	22.96	22.90	22.79				
1.4	QPSK	3	3	22.95	23.16	22.93				
1.4	QPSK	6	0	21.97	22.02	22.07	23	1		
1.4	16QAM	1	0	21.86	21.93	21.74				
1.4	16QAM	1	3	21.95	21.81	21.78				
1.4	16QAM	1	5	22.14	22.00	22.05	23	1		
1.4	16QAM	3	0	22.01	21.96	22.09				
1.4	16QAM	3	1	21.97	21.97	21.93				
1.4	16QAM	3	3	22.03	21.83	21.85	22	2		
1.4	16QAM	6	0	20.71	21.04	20.73				
1.4	64QAM	1	0	21.15	20.97	20.83				
1.4	64QAM	1	3	20.87	21.20	20.87	22	2		
1.4	64QAM	1	5	20.99	20.85	20.97				
1.4	64QAM	3	0	20.92	21.13	20.73				
1.4	64QAM	3	1	20.70	20.81	20.70	21	3		
1.4	64QAM	3	3	20.73	20.95	20.79				
1.4	64QAM	6	0	20.05	20.02	20.06				
1.4	256QAM	1	0	17.96	18.01	18.06	19	5		
1.4	256QAM	1	3	18.10	18.10	17.94				
1.4	256QAM	1	5	17.71	17.86	18.02				
1.4	256QAM	3	0	17.91	18.03	17.98	19	5		
1.4	256QAM	3	1	17.80	18.05	17.98				
1.4	256QAM	3	3	17.83	17.92	18.02				
1.4	256QAM	6	0	18.02	17.97	18.08	19	5		

Band 5 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	22.7	0	
Frequency (MHz)				939	939.5	944			
10	QPSK	1	0	21.70	21.87	21.64	22.7	0	
10	QPSK	1	25	21.48	21.37	21.40			
10	QPSK	1	49	21.41	21.80	21.51			
10	QPSK	25	0	21.55	21.79	21.50			
10	QPSK	25	12	21.59	21.73	21.61	22.7	0	
10	QPSK	25	25	21.58	21.72	21.52			
10	QPSK	50	0	21.66	21.69	21.58			
10	16QAM	1	0	21.64	21.78	21.65			
10	16QAM	1	25	21.64	21.66	21.49	22.7	0	
10	16QAM	1	49	21.60	21.82	21.52			
10	16QAM	25	0	20.85	20.89	20.72			
10	16QAM	25	12	20.94	21.17	20.91			
10	16QAM	25	25	20.76	20.95	20.76	22	0.7	
10	16QAM	50	0	20.86	21.07	20.85			
10	64QAM	1	0	21.14	21.06	20.83			
10	64QAM	1	25	21.01	21.18	20.98			
10	64QAM	1	49	21.03	20.90	20.98	22	0.7	
10	64QAM	25	0	20.39	20.02	19.92			
10	64QAM	25	12	20.05	20.11	19.75			
10	64QAM	25	25	20.16	20.11	19.93			
10	64QAM	50	0	20.24	20.05	20.15	19	3.7	
10	256QAM	1	0	18.08	18.02	18.16			
10	256QAM	1	25	18.10	18.26	18.07			
10	256QAM	1	49	17.91	17.95	18.03			
10	256QAM	25	0	17.84	18.21	18.02	19	3.7	
10	256QAM	25	12	18.08	17.85	17.84			
10	256QAM	25	25	17.89	18.10	18.04			
10	256QAM	50	0	18.12	18.12	17.95			
Channel				20425	20525	20625	22.7	0	
Frequency (MHz)				925.5	936.5	946.5			
5	QPSK	1	0	21.60	21.67	21.61	22.7	0	
5	QPSK	1	12	21.46	21.16	21.28			
5	QPSK	1	24	21.30	21.67	21.46			
5	QPSK	12	0	21.40	21.60	21.35			
5	QPSK	12	7	21.50	21.59	21.50	22.7	0	
5	QPSK	12	13	21.48	21.60	21.51			
5	QPSK	25	0	21.65	21.46	21.44			
5	16QAM	1	0	21.50	21.63	21.51			
5	16QAM	1	12	21.46	21.66	21.40	22.7	0	
5	16QAM	1	24	21.58	21.77	21.35			
5	16QAM	12	0	20.66	20.80	20.64			
5	16QAM	12	7	20.89	20.99	20.90			
5	16QAM	12	13	20.80	20.83	20.71	22	0.7	
5	16QAM	25	0	20.87	21.09	20.87			
5	64QAM	1	0	21.02	20.86	20.78			
5	64QAM	1	12	20.87	20.98	21.00			
5	64QAM	1	24	20.90	20.84	20.81	21	1.7	
5	64QAM	12	0	19.91	19.82	19.78			
5	64QAM	12	7	20.07	19.96	19.77			
5	64QAM	12	13	20.16	19.97	19.91			
5	64QAM	25	0	20.17	19.84	20.00	19	3.7	
5	256QAM	1	0	17.95	17.87	18.15			
5	256QAM	1	12	18.00	18.13	17.94			
5	256QAM	1	24	17.69	17.95	17.83			
5	256QAM	12	0	17.71	18.09	18.01	19	3.7	
5	256QAM	12	7	18.04	17.76	17.77			
5	256QAM	12	13	17.73	18.09	17.96			
5	256QAM	25	0	17.97	18.05	17.92			
Channel				20415	20525	20635	22.7	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.72	21.66	21.63	22.7	0	
3	QPSK	1	8	21.30	21.37	21.35			
3	QPSK	1	14	21.23	21.94	21.34			
3	QPSK	8	0	21.36	21.71	21.32			
3	QPSK	8	4	21.40	21.58	21.47	22.7	0	
3	QPSK	8	7	21.48	21.84	21.44			
3	QPSK	15	0	21.67	21.59	21.57			
3	16QAM	1	0	21.52	21.68	21.54			
3	16QAM	1	8	21.65	21.44	21.43	22.7	0	
3	16QAM	1	14	21.51	21.71	21.44			
3	16QAM	8	0	20.71	20.78	20.66			
3	16QAM	8	4	20.77	21.07	20.87			
3	16QAM	8	7	20.70	20.93	20.76	22	0.7	
3	16QAM	15	0	20.84	20.86	20.70			
3	64QAM	1	0	20.97	20.87	20.87			
3	64QAM	1	8	20.94	20.96	20.92			
3	64QAM	1	14	20.97	20.90	20.89	21	1.7	
3	64QAM	8	0	19.94	19.83	19.86			
3	64QAM	8	4	19.90	19.99	19.97			
3	64QAM	8	7	19.94	20.06	19.91			
3	64QAM	15	0	20.10	19.96	19.93	19	3.7	
3	256QAM	1	0	18.08	17.84	17.99			
3	256QAM	1	8	18.05	18.05	17.91			
3	256QAM	1	14	17.91	17.84	17.85			
3	256QAM	8	0	17.69	18.12	17.99	19	3.7	
3	256QAM	8	4	17.90	17.82	17.75			
3	256QAM	8	7	17.80	18.09	17.91			
3	256QAM	15	0	18.12	17.94	17.79			
Channel				20407	20525	20643	22.7	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.64	21.72	21.64	22.7	0	
1.4	QPSK	1	3	21.29	21.24	21.22			
1.4	QPSK	1	5	21.37	21.65	21.35			
1.4	QPSK	3	0	21.38	21.80	21.45			
1.4	QPSK	3	1	21.44	21.57	21.51	22.7	0	
1.4	QPSK	3	3	21.46	21.51	21.47			
1.4	QPSK	6	0	21.47	21.57	21.45			
1.4	16QAM	1	0	21.45	21.71	21.62			
1.4	16QAM	1	3	21.49	21.45	21.45	22.7	0	
1.4	16QAM	1	5	21.39	21.80	21.32			
1.4	16QAM	3	0	21.68	21.70	21.65			
1.4	16QAM	3	1	21.42	21.36	21.32			
1.4	16QAM	3	3	21.30	21.65	21.32	22	0.7	
1.4	16QAM	6	0	20.71	21.04	20.73			
1.4	64QAM	1	0	21.15	20.97	20.83			
1.4	64QAM	1	3	20.87	21.20	20.87			
1.4	64QAM	1	5	20.99	20.85	20.97	21	1.7	
1.4	64QAM	3	0	20.92	21.13	20.73			
1.4	64QAM	3	1	20.70	20.81	20.70			
1.4	64QAM	3	3	20.73	20.95	20.79			
1.4	64QAM	6	0	20.05	20.02	20.06	19	3.7	
1.4	256QAM	1	0	17.96	18.01	18.06			
1.4	256QAM	1	3	18.10	18.10	17.94			
1.4	256QAM	1	5	17.71	17.86	18.02			
1.4	256QAM	3	0	17.91	18.03	17.98	19	3.7	
1.4	256QAM	3	1	18.04	18.06	17.89			
1.4	256QAM	3	3	17.83	17.92	18.02			
1.4	256QAM	6	0	18.02	17.97	17.88			

Band 38 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit				
Channel				37650	38000	38150	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.80	23.08	23.01	24	0			
20	QPSK	1	49	22.75	22.92	22.81					
20	QPSK	1	99	22.84	22.71	22.66					
20	QPSK	50	0	21.79	22.07	21.98					
20	QPSK	50	24	21.89	21.95	21.68	23	1			
20	QPSK	50	50	21.70	21.67	22.00					
20	QPSK	100	0	21.99	22.12	21.83					
20	16QAM	1	0	21.75	21.60	21.91					
20	16QAM	1	49	21.61	21.98	21.83	23	1			
20	16QAM	1	99	21.89	21.86	21.59					
20	16QAM	50	0	20.75	20.71	20.83					
20	16QAM	50	24	20.85	20.48	20.79					
20	16QAM	50	50	20.86	20.50	20.62	22	2			
20	16QAM	100	0	20.45	20.74	20.50					
20	64QAM	1	0	20.54	20.55	20.71					
20	64QAM	1	49	20.52	20.67	20.65					
20	64QAM	1	99	20.66	20.58	20.93	22	2			
20	64QAM	50	0	19.66	19.65	19.84					
20	64QAM	50	24	19.74	19.81	19.55					
20	64QAM	50	50	19.71	19.60	19.97					
20	64QAM	100	0	19.60	19.76	19.55	21	3			
20	256QAM	1	0	17.81	17.77	17.65					
20	256QAM	1	49	17.72	17.71	17.80					
20	256QAM	1	99	17.58	17.62	17.61					
20	256QAM	50	0	17.70	17.63	17.58	19	5			
20	256QAM	50	24	17.92	17.74	17.76					
20	256QAM	50	50	17.62	17.68	17.68					
20	256QAM	100	0	17.71	17.76	17.93					
Channel				37625	38000	38175	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	22.97	23.05	23.00	24	0			
15	QPSK	1	37	22.79	22.76	22.86					
15	QPSK	1	74	22.65	22.74	22.74					
15	QPSK	36	0	21.87	21.96	21.94					
15	QPSK	36	20	21.95	21.92	21.85	23	1			
15	QPSK	36	39	21.77	21.77	21.96					
15	QPSK	75	0	21.82	22.07	21.89					
15	16QAM	1	0	21.77	21.99	22.03					
15	16QAM	1	37	21.62	21.93	22.00	23	1			
15	16QAM	1	74	21.83	21.83	21.81					
15	16QAM	36	0	20.59	20.82	20.74					
15	16QAM	36	20	20.87	20.35	20.74					
15	16QAM	36	39	20.80	20.71	20.75	22	2			
15	16QAM	75	0	20.58	20.87	20.53					
15	64QAM	1	0	20.45	20.77	20.49					
15	64QAM	1	37	20.50	20.78	20.70					
15	64QAM	1	74	20.65	20.72	20.90	22	2			
15	64QAM	36	0	19.72	19.74	19.71					
15	64QAM	36	20	19.89	19.71	19.64					
15	64QAM	36	39	19.61	19.53	19.85					
15	64QAM	75	0	19.74	19.70	19.70	21	3			
15	256QAM	1	0	17.88	17.78	17.67					
15	256QAM	1	37	17.82	17.81	17.73					
15	256QAM	1	74	17.58	17.76	17.64					
15	256QAM	36	0	17.61	17.88	17.63	19	5			
15	256QAM	36	20	17.83	17.90	17.77					
15	256QAM	36	39	17.61	17.76	17.54					
15	256QAM	75	0	17.76	17.71	17.78					
Channel				37900	38000	38200	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	22.85	23.02	23.03	24	0			
10	QPSK	1	25	22.76	22.72	22.89					
10	QPSK	1	49	22.64	22.77	22.70					
10	QPSK	25	0	21.84	22.07	21.78					
10	QPSK	25	12	21.87	21.90	21.90	23	1			
10	QPSK	25	25	21.88	21.63	21.97					
10	QPSK	50	0	21.85	22.11	21.88					
10	16QAM	1	0	21.80	21.89	21.92					
10	16QAM	1	25	21.63	21.99	21.98	23	1			
10	16QAM	1	49	21.96	21.85	21.71					
10	16QAM	25	0	20.65	20.68	20.88					
10	16QAM	25	12	20.71	20.42	20.70					
10	16QAM	25	25	20.82	20.47	20.80	22	2			
10	16QAM	50	0	20.66	20.91	20.57					
10	64QAM	1	0	20.56	20.59	20.72					
10	64QAM	1	25	20.56	20.73	20.68					
10	64QAM	1	49	20.57	20.59	20.72	22	2			
10	64QAM	25	0	19.82	19.72	19.77					
10	64QAM	25	12	19.84	19.63	19.61					
10	64QAM	25	25	19.69	19.69	19.95					
10	64QAM	50	0	19.64	19.61	19.70	21	3			
10	256QAM	1	0	17.82	17.77	17.62					
10	256QAM	1	25	17.73	17.89	17.70					
10	256QAM	1	49	17.51	17.72	17.71					
10	256QAM	25	0	17.71	17.94	17.61	19	5			
10	256QAM	25	12	17.99	17.76	17.73					
10	256QAM	25	25	17.77	17.75	17.59					
10	256QAM	50	0	17.65	17.79	17.89					
Channel				37775	38000	38225	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	22.78	22.95	22.96	24	0			
5	QPSK	1	12	22.90	22.89	22.82					
5	QPSK	1	24	22.68	22.79	22.84					
5	QPSK	12	0	21.83	21.96	21.83					
5	QPSK	12	7	21.90	21.94	21.73	23	1			
5	QPSK	12	13	21.89	21.96	21.97					
5	QPSK	25	0	21.77	21.96	21.83					
5	16QAM	1	0	21.86	21.98	21.91					
5	16QAM	1	12	21.80	21.78	22.04	23	1			
5	16QAM	1	24	22.00	21.80	21.60					
5	16QAM	12	0	20.72	20.77	20.72					
5	16QAM	12	7	20.86	20.58	20.74					
5	16QAM	12	13	20.81	20.66	20.73	22	2			
5	16QAM	25	0	20.47	20.75	20.40					
5	64QAM	1	0	20.64	20.96	20.52					
5	64QAM	1	12	20.49	20.62	20.70					
5	64QAM	1	24	20.59	20.66	20.91	22	2			
5	64QAM	12	0	19.71	19.74	19.89					
5	64QAM	12	7	19.92	19.81	19.75					
5	64QAM	12	13	19.76	19.55	19.94					
5	64QAM	25	0	19.59	19.72	19.66	21	3			
5	256QAM	1	0	17.73	17.84	17.46					
5	256QAM	1	12	17.73	17.75	17.85					
5	256QAM	1	24	17.66	17.71	17.77					
5	256QAM	12	0	17.65	17.80	17.65	19	5			
5	256QAM	12	7	18.00	17.94	17.86					
5	256QAM	12	13	17.66	17.77	17.63					
5	256QAM	25	0	17.78	17.75	17.80					

Band 41 Ant 1										
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	41065	41510		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.06	23.00	23.11	22.92	23.08	24	0
20	QPSK	1	49	22.55	22.95	22.73	22.95	22.82		
20	QPSK	1	99	22.70	22.55	22.75	22.71	22.69		
20	QPSK	50	0	21.60	21.94	22.00	21.89	21.91	23	1
20	QPSK	50	24	21.77	21.77	21.82	21.83	21.78		
20	QPSK	50	50	21.44	21.57	21.80	21.85	21.92		
20	QPSK	100	0	21.60	21.61	21.79	21.68	21.68	22	2
20	16QAM	1	0	21.49	21.65	21.69	21.61	21.46		
20	16QAM	1	49	21.55	21.86	21.48	21.89	21.59		
20	16QAM	1	99	21.85	21.76	21.68	21.61	21.76	21	3
20	64QAM	1	49	20.53	20.50	20.59	20.51	20.60		
20	16QAM	50	24	20.86	20.75	20.57	20.51	20.49		
20	16QAM	50	50	20.73	20.74	20.71	20.39	20.77	19	5
20	16QAM	100	0	20.60	20.56	20.49	20.62	20.60		
20	64QAM	1	0	20.38	20.59	20.59	20.30	20.57		
20	64QAM	1	49	20.53	20.51	20.79	20.51	20.60	22	2
20	64QAM	1	99	20.63	20.53	20.84	20.68	20.71		
20	64QAM	50	0	19.96	19.94	19.71	19.71	19.53		
20	64QAM	50	24	19.60	19.59	19.84	19.60	19.64	21	3
20	64QAM	50	50	19.74	19.29	19.57	19.49	19.70		
20	64QAM	100	0	19.81	19.44	19.37	19.51	19.61		
20	256QAM	1	0	17.60	17.81	17.72	17.53	17.63	19	5
20	256QAM	1	49	17.58	17.46	17.74	17.59	17.88		
20	256QAM	1	99	17.53	17.61	17.46	17.59	17.66		
20	256QAM	50	0	17.67	17.96	17.63	17.84	17.66	19	5
20	256QAM	50	24	17.56	17.60	17.62	17.88	17.48		
20	256QAM	50	50	17.65	17.63	17.84	17.73	17.53		
20	256QAM	100	0	17.62	17.95	17.71	17.84	17.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.92	22.83	22.91	22.84	22.86	24	0
15	QPSK	1	37	22.51	22.93	22.60	22.92	22.61		
15	QPSK	1	74	22.69	22.47	22.80	22.71	22.47		
15	QPSK	36	0	21.40	21.92	21.89	21.58	21.87	23	1
15	QPSK	36	20	21.84	21.71	21.77	21.73	21.72		
15	QPSK	36	39	21.39	21.42	21.69	21.68	21.87		
15	QPSK	75	0	21.42	21.54	21.79	21.59	21.69	23	1
15	16QAM	1	0	21.34	21.66	21.88	21.51	21.37		
15	16QAM	1	37	21.34	21.73	21.54	21.78	21.41		
15	16QAM	1	74	21.86	21.54	21.81	21.51	21.70	22	2
15	16QAM	36	0	20.47	20.45	20.67	20.56	20.57		
15	16QAM	36	20	20.58	20.64	20.57	20.31	20.49		
15	16QAM	36	39	20.63	20.54	20.71	20.28	20.58	22	2
15	16QAM	75	0	20.39	20.34	20.39	20.50	20.67		
15	64QAM	1	0	20.39	20.58	20.58	20.29	20.43		
15	64QAM	1	37	20.32	20.39	20.69	20.46	20.42	21	3
15	64QAM	1	74	20.44	20.31	20.81	20.62	20.71		
15	64QAM	36	0	19.50	19.86	19.55	19.72	19.47		
15	64QAM	36	20	19.61	19.61	19.65	19.57	19.58	19	5
15	64QAM	36	39	19.62	19.13	19.39	19.36	19.69		
15	64QAM	75	0	19.78	19.27	19.27	19.40	19.53		
15	256QAM	1	0	17.43	17.73	17.67	17.38	17.34	19	5
15	256QAM	1	37	17.46	17.32	17.64	17.41	17.86		
15	256QAM	1	74	17.35	17.47	17.25	17.45	17.45		
15	256QAM	36	0	17.51	17.86	17.45	17.71	17.69	19	5
15	256QAM	36	20	17.51	17.42	17.60	17.75	17.37		
15	256QAM	36	39	17.63	17.57	17.48	17.72	17.32		
15	256QAM	75	0	17.62	17.82	17.67	17.48	18.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2637	2683		
10	QPSK	1	0	22.67	22.89	22.67	22.90	22.66	24	0
10	QPSK	1	25	22.49	22.95	22.56	22.83	22.70		
10	QPSK	1	49	22.70	22.48	22.68	22.60	22.56		
10	QPSK	25	0	21.50	21.86	21.93	21.63	21.72	23	1
10	QPSK	25	12	21.77	21.76	21.63	21.77	21.75		
10	QPSK	25	25	21.32	21.55	21.79	21.78	21.74		
10	QPSK	50	0	21.46	21.62	21.62	21.51	21.51	22	2
10	16QAM	1	0	21.30	21.45	21.62	21.54	21.35		
10	16QAM	1	25	21.52	21.83	21.39	21.89	21.38		
10	16QAM	1	49	21.72	21.74	21.62	21.60	21.61	22	2
10	16QAM	25	0	20.53	20.40	20.84	20.58	20.74		
10	16QAM	25	12	20.53	20.69	20.35	20.40	20.37		
10	16QAM	25	25	20.72	20.67	20.59	20.31	20.61	21	3
10	16QAM	50	0	20.47	20.45	20.43	20.44	20.40		
10	64QAM	1	0	20.35	20.38	20.48	20.09	20.43		
10	64QAM	1	25	20.41	20.41	20.59	20.34	20.45	19	5
10	64QAM	1	49	20.42	20.33	20.81	20.61	20.56		
10	64QAM	1	25	19.41	19.83	19.73	19.64	19.84		
10	64QAM	25	12	19.52	19.55	19.74	19.48	19.58	22	2
10	64QAM	25	25	19.75	19.13	19.57	19.41	19.61		
10	64QAM	50	0	19.75	19.27	19.16	19.33	19.58		
10	256QAM	1	0	17.48	17.69	17.55	17.35	17.32	19	5
10	256QAM	1	25	17.37	17.39	17.71	17.49	17.68		
10	256QAM	1	49	17.54	17.31	17.54	17.52	17.57		
10	256QAM	25	0	17.53	17.94	17.61	17.86	17.51	19	5
10	256QAM	25	12	17.46	17.44	17.59	17.87	17.29		
10	256QAM	25	25	17.59	17.44	17.53	17.63	17.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.89	22.82	23.03	22.83	22.89	24	0
5	QPSK	1	12	22.54	22.74	22.69	22.84	22.76		
5	QPSK	1	24	22.60	22.42	22.61	22.61	22.59		
5	QPSK	12	0	21.54	21.85	21.88	21.59	21.77	23	1
5	QPSK	12	7	21.71	21.67	21.82	21.78	21.80		
5	QPSK	12	13	21.27	21.39	21.65	21.87	21.71		
5	QPSK	25	0	21.54	21.48	21.62	21.66	21.59	23	1
5	16QAM	1	0	21.35	21.67	21.55	21.55	21.46		
5	16QAM	1	12	21.41	21.72	21.47	21.90	21.52		
5	16QAM	1	24	21.71	21.74	21.69	21.59	21.58	22	2
5	16QAM	12	0	20.53	20.30	20.70	20.59	20.64		
5	16QAM	12	7	20.45	20.63	20.49	20.36	20.35		
5	16QAM	12	13	20.62	20.69	20.68	20.27	20.65	22	2
5	16QAM	25	0	20.53	20.53	20.31	20.45	20.58		
5	64QAM	1	0	20.25	20.39	20.39	20.09	20.42		
5	64QAM	1	12	20.35	20.48	20.75	20.44	20.48	21	3
5	64QAM	1	24	20.84	20.43	20.83	20.70	20.69		
5	64QAM	12	0	19.49	19.87	19.64	19.71	19.32		
5	64QAM	12	7	19.53	19.56	19.73	19.54	19.48	19	5
5	64QAM	12	13	19.53	19.27	19.37	19.39	19.66		
5	64QAM	25	0	19.75	19.25	19.67	19.47	19.80		
5	256QAM	1	0	17.48	17.65	17.68	17.32	17.50	22	2
5	256QAM	1	12	17.57	17.62	17.72	17.64	17.42		
5	256QAM	25	0	17.49	17.43	17.55	17.49	17.91		
5	256QAM	1	24	17.58	17.45	17.45	17.68	17.48	19	5
5	256QAM	12	0	17.61	17.60	17.63	17.64	17.62		
5	256QAM	12	7	17.48	17.74	17.55	17.49	17.91		

Band 5 Ant 4											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	20.17	20.20	20.06	21.5	0			
10	QPSK	1	25	20.08	20.11	20.09					
10	QPSK	1	49	20.17	20.14	20.11					
10	QPSK	25	0	20.10	20.18	20.14	21.5	0			
10	QPSK	25	12	20.04	20.14	20.03					
10	QPSK	25	25	20.04	20.11	20.13					
10	QPSK	50	0	20.16	20.17	20.04	21.5	0			
10	16QAM	1	0	20.12	20.14	20.11					
10	16QAM	1	25	20.16	20.14	20.14					
10	16QAM	1	49	20.12	20.13	20.08	21.5	0			
10	16QAM	25	0	20.12	20.10	20.10					
10	16QAM	25	12	20.11	20.06	20.11					
10	16QAM	25	25	20.16	20.17	20.12	21	0.5			
10	16QAM	50	0	20.16	20.14	20.04					
10	64QAM	1	0	20.09	20.18	20.12					
10	64QAM	1	25	20.05	20.14	20.07	21.5	0			
10	64QAM	1	49	20.10	20.13	20.12					
10	64QAM	25	0	20.16	20.14	20.16					
10	64QAM	25	12	20.06	20.14	20.04	21	0.5			
10	64QAM	25	25	20.12	20.15	20.10					
10	64QAM	50	0	20.16	20.19	20.04					
10	256QAM	1	0	18.08	18.02	18.16	19	2.5			
10	256QAM	1	25	18.10	18.26	18.07					
10	256QAM	1	49	17.91	17.95	18.03					
10	256QAM	25	0	17.84	18.21	18.02	19	2.5			
10	256QAM	25	12	18.08	17.85	17.84					
10	256QAM	25	25	17.89	18.10	18.04					
10	256QAM	50	0	18.12	18.12	17.95					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	20.01	20.14	20.03	21.5	0			
5	QPSK	1	12	20.03	20.02	19.99					
5	QPSK	1	24	20.00	20.12	20.00					
5	QPSK	12	0	20.02	20.06	19.99	21.5	0			
5	QPSK	12	7	20.02	20.07	20.08					
5	QPSK	12	13	20.10	20.14	20.09					
5	QPSK	25	0	20.09	20.07	20.12	21.5	0			
5	16QAM	1	0	20.09	20.14	20.02					
5	16QAM	1	12	20.12	20.10	20.02					
5	16QAM	1	24	20.06	20.15	20.06	21.5	0			
5	16QAM	12	0	20.06	20.08	20.06					
5	16QAM	12	7	20.05	20.03	20.05					
5	16QAM	12	13	19.98	20.09	20.04	21	0.5			
5	16QAM	25	0	19.99	20.05	20.01					
5	64QAM	1	0	20.12	20.14	20.03					
5	64QAM	1	12	20.11	20.03	20.11	21.5	0			
5	64QAM	1	24	20.06	20.15	20.09					
5	64QAM	12	0	20.09	20.13	19.99					
5	64QAM	12	7	20.10	20.04	20.07	19	2.5			
5	64QAM	12	13	20.08	20.09	19.99					
5	64QAM	25	0	20.01	20.06	20.02					
5	256QAM	1	0	17.95	17.87	18.15	19	2.5			
5	256QAM	1	12	18.00	18.13	17.94					
5	256QAM	1	24	17.69	17.95	17.83					
5	256QAM	12	0	17.71	18.09	18.01	19	2.5			
5	256QAM	12	7	18.04	17.78	17.77					
5	256QAM	12	13	17.73	18.09	17.96					
5	256QAM	25	0	17.97	18.05	17.92					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	20.07	20.06	20.04	21.5	0			
3	QPSK	1	8	20.11	20.10	20.07					
3	QPSK	1	14	20.04	20.02	20.06					
3	QPSK	8	0	20.02	20.14	20.06	21.5	0			
3	QPSK	8	4	20.03	20.10	20.02					
3	QPSK	8	7	20.10	20.06	20.00					
3	QPSK	15	0	19.99	20.14	20.00	21.5	0			
3	16QAM	1	0	20.11	20.13	20.05					
3	16QAM	1	8	20.02	20.10	20.02					
3	16QAM	1	14	20.10	20.09	20.02	21.5	0			
3	16QAM	8	0	20.01	20.11	20.01					
3	16QAM	8	4	20.11	20.01	20.08					
3	16QAM	8	7	19.98	20.02	20.05	21	0.5			
3	16QAM	15	0	19.99	20.11	20.06					
3	64QAM	1	0	19.99	20.10	20.01					
3	64QAM	1	8	19.99	20.09	20.06	21.5	0			
3	64QAM	1	14	20.06	20.06	20.02					
3	64QAM	8	0	20.05	20.08	20.07					
3	64QAM	8	4	20.08	20.03	20.04	21	0.5			
3	64QAM	8	7	20.09	20.12	20.07					
3	64QAM	15	0	20.09	20.10	20.11					
3	256QAM	1	0	18.08	17.84	17.99	19	2.5			
3	256QAM	1	8	18.05	18.05	17.91					
3	256QAM	1	14	17.91	17.84	17.85					
3	256QAM	8	0	17.69	18.12	17.99	19	2.5			
3	256QAM	8	4	17.90	17.82	17.75					
3	256QAM	8	7	17.80	18.09	17.91					
3	256QAM	15	0	18.12	17.94	17.79					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	20.03	20.13	20.12	21.5	0			
1.4	QPSK	1	3	20.10	20.08	20.06					
1.4	QPSK	1	5	20.10	20.01	20.11					
1.4	QPSK	3	0	20.10	20.05	20.01	21.5	0			
1.4	QPSK	3	1	20.01	20.07	20.06					
1.4	QPSK	3	3	19.98	20.09	19.99					
1.4	QPSK	6	0	20.02	20.02	20.02	21.5	0			
1.4	16QAM	1	0	19.99	20.02	20.04					
1.4	16QAM	1	3	20.09	20.08	20.09					
1.4	16QAM	1	5	20.06	20.05	20.03	21.5	0			
1.4	16QAM	3	0	20.09	20.02	20.12					
1.4	16QAM	3	1	20.03	20.10	20.12					
1.4	16QAM	3	3	19.99	20.13	20.04	21.5	0			
1.4	16QAM	6	0	20.10	20.08	20.08					
1.4	64QAM	1	0	19.98	20.08	20.09					
1.4	64QAM	1	3	20.00	20.04	20.02	21.5	0			
1.4	64QAM	1	5	20.04	20.12	19.98					
1.4	64QAM	3	0	20.07	20.08	20.00					
1.4	64QAM	3	1	20.01	20.13	20.05	21	0.5			
1.4	64QAM	3	3	20.03	20.11	20.10					
1.4	64QAM	6	0	20.00	20.06	20.12	21	0.5			
1.4	256QAM	1	0	17.96	18.01	18.06					
1.4	256QAM	1	3	18.10	18.10	17.94	19	2.5			
1.4	256QAM	1	5	17.71	17.86	18.02					
1.4	256QAM	3	0	17.91	18.03	17.98					
1.4	256QAM	3	1	18.05	18.06	17.98	19	2.5			
1.4	256QAM	3	3	17.83	17.92	18.02					
1.4	256QAM	6	0	18.02	17.97	18.08					

Full & Default Power

n5 Ant 0									
BW [MHz]	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	23.11	23.21	23.17	24.0	0.0	
20	PI/2 BPSK	1	53	23.01	23.18	23.10			
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65	23.5	0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38	23.5	0.5	
20	PI/2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0	
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97	24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16	23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.21	23.07	23.16	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.03	23.16	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.05	23.06	23.16	24.0	0.0	

n26 Ant 0									
BW [MHz]	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	23.57	23.48	23.54	24.0	0.0	
20	PI/2 BPSK	1	53	23.43	23.45	23.63			
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11	23.5	0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	23.5	0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.60	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.48	23.50	23.53	24.0	0.0	

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26		
20	PI2 BPSK	1	53	23.41	23.44	23.25	24.0	0.0
20	PI2 BPSK	1	104	23.27	23.47	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	56	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73		
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39	24.0	0.0
20	QPSK	1	104	23.45	23.43	23.31		
20	QPSK	50	0	22.32	22.42	22.29	23.0	1.0
20	QPSK	50	28	23.24	23.43	23.30	24.0	0.0
20	QPSK	50	56	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32		
20	16QAM	1	1	22.46	22.58	22.52	23.0	1.0
20	64QAM	1	1	21.12	21.11	21.00	21.5	2.5
20	256QAM	1	1	18.88	19.06	18.93	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	24.0	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.46	23.38	23.22		
40	PI2 BPSK	1	135	23.41	23.27	23.24	24.0	0.0
40	PI2 BPSK	1	268	23.13	23.41	23.19	23.5	0.5
40	PI2 BPSK	135	0	22.87	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58		
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35	24.0	0.0
40	QPSK	1	268	23.28	23.38	23.17		
40	QPSK	135	0	22.13	22.42	22.21	23.0	1.0
40	QPSK	135	68	23.06	23.25	23.09	24.0	0.0
40	QPSK	135	135	22.16	22.18	22.36	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21		
40	16QAM	1	1	22.46	22.38	22.36	23.0	1.0
40	64QAM	1	1	21.09	20.98	21.00	21.5	2.5
40	256QAM	1	1	18.84	18.96	18.77	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.37	23.08	IREFI	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	23.42	23.36	23.06	24.0	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03	24.0	0.0
40	PI2 BPSK	1	214	22.76	23.04	22.79	23.5	0.5
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38		
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17	24.0	0.0
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01		
40	16QAM	1	1	22.14	22.20	22.04	23.0	1.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	2.5
40	256QAM	1	1	18.47	18.57	18.37	19.5	4.5
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	24.0	0.0
Channel				345000	348000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	0.0

n2 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.66	22.77	22.60		
20	PI2 BPSK	1	53	22.74	22.82	22.74	24.0	0.0
20	PI2 BPSK	1	104	22.72	22.78	22.66		
20	PI2 BPSK	50	0	22.16	22.15	21.99	23.5	0.5
20	PI2 BPSK	50	28	22.68	22.74	22.52	24.0	0.0
20	PI2 BPSK	50	56	22.17	22.20	22.09	23.5	0.5
20	PI2 BPSK	100	0	22.21	22.19	21.98		
20	QPSK	1	1	22.81	22.83	22.78		
20	QPSK	1	53	22.81	22.81	22.81	24.0	0.0
20	QPSK	1	104	22.61	22.80	22.74		
20	QPSK	50	0	21.87	21.69	21.66	23.0	1.0
20	QPSK	50	28	22.70	22.75	22.63	24.0	0.0
20	QPSK	50	56	21.57	21.67	21.55	23.0	1.0
20	QPSK	100	0	21.85	21.72	21.54		
20	16QAM	1	1	21.69	21.85	21.79	23.0	1.0
20	64QAM	1	1	20.29	20.39	20.38	21.5	2.5
20	256QAM	1	1	18.15	18.36	18.32	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.81	22.68	22.67	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	22.76	22.67	22.72	24.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.77	22.75	22.76	24.0	0.0

n5 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.94		
20	PI2 BPSK	1	53	22.97	23.09	23.03	24.0	0.0
20	PI2 BPSK	1	104	23.02	23.04	23.07		
20	PI2 BPSK	50	0	22.46	22.37	22.34	23.5	0.5
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	56	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23		
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12	24.0	0.0
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	56	21.93	22.01	21.86	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89		
20	16QAM	1	1	21.93	22.19	22.16	23.0	1.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	2.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	4.5
Channel				166300	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06	24.0	0.0

n7 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.99	23.17	22.76		
40	PI2 BPSK	1	135	23.00	23.09	22.92	24.0	0.0
40	PI2 BPSK	1	268	23.02	22.96	23.11		
40	PI2 BPSK	135	0	22.44	22.31	22.34	23.5	0.5
40	PI2 BPSK	135	68	22.85	23.13	22.82	24.0	0.0
40	PI2 BPSK	135	135	22.43	22.38	22.34	23.5	0.5
40	PI2 BPSK	270	0	22.53	22.44	22.11		
40	QPSK	1	1	23.07	23.25	23.13		
40	QPSK	1	135	22.95	23.01	23.16	24.0	0.0
40	QPSK	1	268	22.79	23.21	22.83		
40	QPSK	135	0	22.02	22.14	22.12	23.0	1.0
40	QPSK	135	68	22.94	23.08	23.06	24.0	0.0
40	QPSK	135	135	21.88	21.92	21.73	23.0	1.0
40	QPSK	270	0	21.92	22.06	21.98		
40	16QAM	1	1	21.94	22.20	22.24	23.0	1.0
40	64QAM	1	1	20.52	20.73	20.79	21.5	2.5
40	256QAM	1	1	18.28	18.68	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	23.10	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.98	23.05	23.12	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.89	23.22	22.98	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	23.22	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	22.94	23.07	22.94	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	22.87	23.07	22.96	24.0	0.0

n26 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				168500	169300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.14	23.28	22.94		
20	PI/2 BPSK	1	53	23.11	23.18	23.12		
20	PI/2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5
20	PI/2 BPSK	50	0	22.82	22.40	22.51		
20	PI/2 BPSK	50	28	23.00	23.32	23.05	24.0	0.0
20	PI/2 BPSK	50	58	22.50	22.43	22.61	23.5	0.5
20	PI/2 BPSK	100	0	22.73	22.66	22.39		
20	QPSK	1	1	23.21	23.39	23.25	24.0	0.0
20	QPSK	1	53	23.12	23.15	23.20		
20	QPSK	1	104	22.93	23.30	23.08	23.0	1.0
20	QPSK	50	0	22.29	22.07	22.10		
20	QPSK	50	28	23.15	23.19	23.13	24.0	0.0
20	QPSK	50	58	22.06	22.16	21.84	23.0	1.0
20	QPSK	100	0	21.93	22.02	22.00		
20	16QAM	1	1	22.00	22.36	22.31	23.0	1.0
20	64QAM	1	1	20.87	20.87	20.74	21.5	2.5
20	256QAM	1	1	18.52	18.87	18.68	19.5	4.5
Channel				168300	169300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.20	23.26	23.17	24.0	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				117	831.5	841		
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.16	23.25	23.15	24.0	0.0

n66 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.22	22.19	22.31		
40	PI/2 BPSK	1	108	22.07	22.30	22.09		
40	PI/2 BPSK	1	214	22.07	22.01	22.19	23.5	0.5
40	PI/2 BPSK	108	0	21.96	21.96	21.92		
40	PI/2 BPSK	108	54	22.08	22.33	22.05	24.0	0.0
40	PI/2 BPSK	108	108	21.94	21.84	21.72	23.5	0.5
40	PI/2 BPSK	216	0	21.77	21.90	21.58		
40	QPSK	1	1	22.33	22.43	22.36	24.0	0.0
40	QPSK	1	108	22.31	22.13	22.32		
40	QPSK	1	214	22.30	22.34	22.14	23.0	1.0
40	QPSK	108	0	21.56	21.63	21.58		
40	QPSK	108	54	22.09	22.25	22.09	24.0	0.0
40	QPSK	108	108	21.01	21.16	21.66	23.0	1.0
40	QPSK	216	0	21.46	21.47	21.01		
40	16QAM	1	1	21.05	21.27	21.34	23.0	1.0
40	64QAM	1	1	19.61	19.91	19.85	21.5	2.5
40	256QAM	1	1	17.52	17.88	17.78	19.5	4.5
Channel				345000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.29	22.22	22.15	24.0	0.0
Channel				345000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.29	22.34	22.27	24.0	0.0
Channel				344500	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.16	22.37	22.32	24.0	0.0
Channel				344000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.32	22.41	22.16	24.0	0.0
Channel				343500	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.33	22.42	22.33	24.0	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.33	22.38	24.0	0.0
Channel				342500	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.16	22.25	22.30	24.0	0.0

Part27Q n78 Ant 3								
BW [MHz]	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	20.48			22.0	0.0
100	PI/2 BPSK	1	137	20.38				
100	PI/2 BPSK	1	271	20.34				
100	PI/2 BPSK	135	0	19.74			21.5	0.5
100	PI/2 BPSK	135	69	20.48			22.0	0.0
100	PI/2 BPSK	135	138	20.01			21.5	0.5
100	PI/2 BPSK	270	0	19.93				
100	QPSK	1	1	20.64			22.0	0.0
100	QPSK	1	137	20.51				
100	QPSK	1	271	20.47				
100	QPSK	135	0	19.23			21.0	1.0
100	QPSK	135	69	20.44			22.0	0.0
100	QPSK	135	138	19.50			21.0	1.0
100	QPSK	270	0	19.40				
100	16QAM	1	1	19.22			21.0	1.0
100	64QAM	1	1	17.72			19.5	2.5
100	256QAM	1	1	15.65			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.47	20.47	20.53	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.48	20.52	20.57	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.47	20.51	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.52	20.44	20.60	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.43	20.47	20.50	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.42	20.49	20.45	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.45	20.51	20.58	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.54	20.53	20.48	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.50	20.52	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.52	20.47	20.51	22.0	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	1	137	632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
100	PI/2 BPSK	1	271	3490.02	3500.01	3510		
100	PI/2 BPSK	135	0	23.56	23.49	23.65	24.0	0.0
100	PI/2 BPSK	135	69	632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
100	PI/2 BPSK	135	138	3485.01	3500.01	3515.01		
100	PI/2 BPSK	270	0	23.53	23.54	23.51	24.0	0.0
100	QPSK	1	1	632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
100	QPSK	1	137	3480	3500.01	3520.02		
100	QPSK	1	271	23.50	23.67	23.64	24.0	0.0
100	QPSK	135	0	631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
100	QPSK	135	69	3475.02	3500.01	3525		
100	QPSK	135	138	23.55	23.50	23.54	24.0	0.0
100	QPSK	270	0	631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
100	16QAM	1	1	3470.01	3500.01	3530.01		
100	64QAM	1	1	23.49	23.58	23.53	24.0	0.0
100	256QAM	1	1	631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Channel				3465	3500.01	3535.02		
Frequency (MHz)				23.59	23.57	23.61	24.0	0.0
80	QPSK	1	1	630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Channel				3460.02	3500.01	3540		
Frequency (MHz)				23.49	23.62	23.58	24.0	0.0
70	QPSK	1	1	630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Channel				3467.5	3500.01	3542.52		
Frequency (MHz)				23.53	23.64	23.63	24.0	0.0
60	QPSK	1	1	630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Channel				3455.01	3500.01	3545.01		
Frequency (MHz)				23.56	23.64	23.61	24.0	0.0
50	QPSK	1	1					
40	QPSK	1	1					
30	QPSK	1	1					
20	QPSK	1	1					
15	QPSK	1	1					
10	QPSK	1	1					

Part27Q n78 Ant 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			23.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		22.23			
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.71		22.5	0.5
100	PI/2 BPSK	135	69		22.11		23.0	0.0
100	PI/2 BPSK	135	138		21.55		22.5	0.5
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		22.28		23.0	0.0
100	QPSK	1	137		22.19			
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.22		22.0	1.0
100	QPSK	135	69		22.17		23.0	0.0
100	QPSK	135	138		20.98		22.0	1.0
100	QPSK	270	0		21.04			
100	16QAM	1	1		21.05		22.0	1.0
100	64QAM	1	1		19.44		20.5	2.5
100	256QAM	1	1		17.84		18.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.13	22.17	22.12	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.17	22.23	22.11	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.18	22.16	22.12	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.25	22.13	22.14	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.13	22.11	22.24	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.19	22.14	22.23	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.22	22.13	22.25	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.23	22.18	22.18	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.15	22.15	22.12	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.21	22.23	22.21	23.0	0.0

Part27Q n78 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	137	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	271	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	135	0	20.66	20.75	20.57	21.5	0.5
100	PI/2 BPSK	135	69	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	135	138	20.66	20.75	20.57	21.5	0.5
100	PI/2 BPSK	270	0	20.66	20.75	20.57	21.5	0.5
100	QPSK	1	1	20.79	20.79	20.79	22.0	0.0
100	QPSK	1	137	20.66	20.66	20.66	22.0	0.0
100	QPSK	1	271	20.66	20.66	20.66	22.0	0.0
100	QPSK	135	0	19.72	19.72	19.72	21.0	1.0
100	QPSK	135	69	20.75	20.75	20.75	22.0	0.0
100	QPSK	135	138	19.66	19.66	19.66	21.0	1.0
100	QPSK	270	0	19.72	19.72	19.72	21.0	1.0
100	16QAM	1	1	19.71	19.71	19.71	21.0	1.0
100	64QAM	1	1	18.18	18.18	18.18	19.5	2.5
100	256QAM	1	1	16.16	16.16	16.16	17.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.75	20.57	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	20.61	20.63	20.64	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	20.74	20.72	20.65	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	20.71	20.62	20.66	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	20.75	20.59	20.76	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	20.64	20.66	20.66	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	20.59	20.75	20.66	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	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DS12

n5 Ant 0										
BW [MHz]	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	24.0	0.0		
Frequency (MHz)				834	836.5	839				
20	PI/2 BPSK	1	1	23.11	23.21	23.17				
20	PI/2 BPSK	1	53	23.01	23.18	23.10	23.5	0.5		
20	PI/2 BPSK	1	104	23.03	23.04	22.92				
20	PI/2 BPSK	50	0	22.53	22.65	22.65		24.0	0.0	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	23.5		0.5	
20	PI/2 BPSK	50	56	22.39	22.58	22.38				
20	PI/2 BPSK	100	0	22.54	22.63	22.52				
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0		
20	QPSK	1	53	23.14	23.15	23.00				
20	QPSK	1	104	22.92	23.07	23.08				
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0		
20	QPSK	50	28	23.11	23.13	22.97		24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13				
20	QPSK	100	0	22.15	22.17	22.10	23.0		1.0	
20	16QAM	1	1	22.17	22.36	22.16		23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86			21.5	2.5
20	256QAM	1	1	18.85	18.87	18.80	19.5			4.5
Channel				166300	167300	168300		24.0	0.0	
Frequency (MHz)				831.5	836.5	841.5				
15	QPSK	1	1	23.21	23.07	23.16				
Channel				165800	167300	168800	24.0	0.0		
Frequency (MHz)				829	836.5	844				
10	QPSK	1	1	23.03	23.16	23.18				
Channel				165300	167300	169300	24.0	0.0		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	1	23.05	23.06	23.16				

n26 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54			
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.0	
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11			
20	PI/2 BPSK	50	28	23.56	23.51	23.43	23.5	0.5	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	24.0	0.0	
20	PI/2 BPSK	100	0	23.02	23.22	23.19	23.5	0.5	
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.60	22.61			
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	24.0	0.0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.51	23.60	23.42			
Channel				163800	166300	168800	24.0	0.0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.54	23.47	23.44			
Channel				163300	166300	169300	24.0	0.0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.50	23.53			

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26		
20	PI2 BPSK	1	53	23.41	23.44	23.25		
20	PI2 BPSK	1	104	23.27	23.47	23.30	23.5	0.5
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	56	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73	24.0	0.0
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39		
20	QPSK	1	104	23.45	23.43	23.31		
20	QPSK	50	0	22.32	22.42	22.29	23.0	1.0
20	QPSK	50	28	23.24	23.43	23.30	24.0	0.0
20	QPSK	50	56	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32	23.0	1.0
20	16QAM	1	1	22.46	22.58	22.52		
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	24.0	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	24.0	0.0
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.46	23.38	23.22		
40	PI2 BPSK	1	135	23.41	23.27	23.24		
40	PI2 BPSK	1	268	23.13	23.41	23.19	23.5	0.5
40	PI2 BPSK	135	0	22.87	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58	24.0	0.0
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35		
40	QPSK	1	268	23.28	23.38	23.17		
40	QPSK	135	0	22.13	22.42	22.21	23.0	1.0
40	QPSK	135	68	23.06	23.25	23.09	24.0	0.0
40	QPSK	135	135	22.16	22.18	22.36	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21	23.0	1.0
40	16QAM	1	1	22.46	22.38	22.36		
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2660		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.37	23.08	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	23.42	23.36	23.06	24.0	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03		
40	PI2 BPSK	1	214	22.76	23.04	22.79	23.5	0.5
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38	24.0	0.0
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17		
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01	23.0	1.0
40	16QAM	1	1	22.14	22.20	22.04		
40	64QAM	1	1	20.89	20.88	20.79		
40	256QAM	1	1	18.47	18.57	18.37		
Channel				345000	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	24.0	0.0

n2 Ant 4 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	20.2	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	19.08	19.18	18.97	20.2	0.0
20	PI2 BPSK	1	53	19.20	19.20	19.03		
20	PI2 BPSK	1	104	19.11	19.29	19.00	20.2	0.0
20	PI2 BPSK	50	0	19.17	19.12	19.05	20.2	0.0
20	PI2 BPSK	50	28	19.04	19.30	19.12	20.2	0.0
20	PI2 BPSK	50	58	19.01	19.11	19.07	20.2	0.0
20	PI2 BPSK	100	0	19.13	19.30	19.01	20.2	0.0
20	QPSK	1	1	19.22	19.31	19.16		
20	QPSK	1	53	19.13	19.20	18.95	20.2	0.0
20	QPSK	1	104	19.02	19.24	19.05	20.2	0.0
20	QPSK	50	0	19.13	19.17	19.00		
20	QPSK	50	28	19.18	19.27	19.21	20.2	0.0
20	QPSK	50	58	19.06	19.13	19.02	20.2	0.0
20	QPSK	100	0	19.05	19.14	19.03	20.2	0.0
20	16QAM	1	1	19.03	19.24	19.16		
20	64QAM	1	1	19.06	19.15	19.00	20.2	0.0
20	256QAM	1	1	19.15	19.36	19.32	19.5	0.7
Channel				371500	376000	380500	20.2	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	19.23	19.16	18.98	20.2	0.0
Channel				371000	376000	381000	20.2	0.0
Frequency (MHz)				1905	1900	1905		
10	QPSK	1	1	19.06	19.30	19.02	20.2	0.0
Channel				375500	376000	381500	20.2	0.0
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	19.14	19.28	19.13	20.2	0.0

n5 Ant 4 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	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	21.42	21.84	21.67	23.0	0.0
20	PI2 BPSK	1	53	21.56	21.70	21.55		
20	PI2 BPSK	1	104	21.38	21.61	21.61	23.0	0.0
20	PI2 BPSK	50	0	21.61	21.79	21.54	23.0	0.0
20	PI2 BPSK	50	28	21.61	21.82	21.37	23.0	0.0
20	PI2 BPSK	50	58	21.60	21.64	21.67	23.0	0.0
20	PI2 BPSK	100	0	21.66	21.75	21.54	23.0	0.0
20	QPSK	1	1	21.65	21.93	21.57		
20	QPSK	1	53	21.68	21.84	21.58	23.0	0.0
20	QPSK	1	104	21.51	21.81	21.57	23.0	0.0
20	QPSK	50	0	21.59	21.73	21.57		
20	QPSK	50	28	21.63	21.79	21.61	23.0	0.0
20	QPSK	50	58	21.58	21.60	21.54	23.0	0.0
20	QPSK	100	0	21.55	21.78	21.71	23.0	0.0
20	16QAM	1	1	21.44	21.73	21.54		
20	64QAM	1	1	20.48	20.74	20.69	21.5	1.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	3.5
Channel				166300	167300	167300	23.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.53	21.71	21.64	23.0	0.0
Channel				166800	167300	168800	23.0	0.0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	21.39	21.85	21.64	23.0	0.0
Channel				166300	167300	169300	23.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.48	21.68	21.52	23.0	0.0

n7 Ant 4 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				504000	507000	510000	18.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.00	18.08	18.05	18.8	0.0
40	PI2 BPSK	1	135	17.84	18.16	17.85		
40	PI2 BPSK	1	268	18.07	18.14	18.02	18.8	0.0
40	PI2 BPSK	135	0	18.01	18.09	17.98	18.8	0.0
40	PI2 BPSK	135	68	18.03	18.17	17.85	18.8	0.0
40	PI2 BPSK	135	135	18.06	18.07	17.86	18.8	0.0
40	PI2 BPSK	270	0	18.10	18.01	17.95	18.8	0.0
40	QPSK	1	1	18.13	18.16	18.05		
40	QPSK	1	135	18.11	18.17	17.95	18.8	0.0
40	QPSK	1	268	17.98	18.03	17.89	18.8	0.0
40	QPSK	135	0	18.06	18.14	18.07		
40	QPSK	135	68	18.01	18.15	17.89	18.8	0.0
40	QPSK	135	135	18.03	18.07	17.86	18.8	0.0
40	QPSK	270	0	17.99	18.01	17.85	18.8	0.0
40	16QAM	1	1	17.94	18.10	17.94		
40	64QAM	1	1	18.02	18.09	17.83	18.8	0.0
40	256QAM	1	1	18.07	17.99	17.96	18.8	0.0
Channel				503500	507000	511000	18.8	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.02	18.12	17.98	18.8	0.0
Channel				502500	507000	511500	18.8	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.12	18.07	18.04	18.8	0.0
Channel				502000	507000	512000	18.8	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.09	18.05	17.88	18.8	0.0
Channel				501500	507000	512500	18.8	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.05	18.07	17.89	18.8	0.0
Channel				501000	507000	513000	18.8	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.07	17.99	17.91	18.8	0.0
Channel				500500	507000	513500	18.8	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.97	18.15	18.06	18.8	0.0

n26 Ant 4 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				168300	169300	167600	23.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	21.56	21.84	21.68			
20	PI2 BPSK	1	53	21.64	21.84	21.65			
20	PI2 BPSK	1	104	21.57	21.78	21.73	23.0	0.0	
20	PI2 BPSK	50	0	21.72	21.83	21.61	23.0	0.0	
20	PI2 BPSK	50	28	21.73	21.97	21.55	23.0	0.0	
20	PI2 BPSK	50	56	21.71	21.82	21.72	23.0	0.0	
20	PI2 BPSK	100	0	21.75	21.77	21.73	23.0	0.0	
20	QPSK	1	1	21.75	21.98	21.78			
20	QPSK	1	53	21.74	21.89	21.63			
20	QPSK	1	104	21.71	21.89	21.78			
20	QPSK	50	0	21.73	21.86	21.73	23.0	0.0	
20	QPSK	50	28	21.84	21.87	21.62	23.0	0.0	
20	QPSK	50	56	21.61	21.78	21.66	23.0	0.0	
20	QPSK	100	0	21.56	21.95	21.77	23.0	0.0	
20	16QAM	1	1	21.65	21.86	21.69	23.0	0.0	
20	64QAM	1	1	20.67	20.87	20.74	21.5	1.5	
20	256QAM	1	1	18.52	18.87	18.68	19.5	3.5	
Channel				168300	169300	167600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	23.0	0.0	
15	QPSK	1	1	21.55	21.81	21.76	23.0	0.0	
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817	831.5	844	23.0	0.0	
10	QPSK	1	1	21.55	21.89	21.72	23.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	23.0	0.0	
5	QPSK	1	1	21.67	21.90	21.57	23.0	0.0	

n66 Ant 4 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				345000	349000	345000	19.4	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	18.41	18.29	18.36			
40	PI2 BPSK	1	108	18.24	18.31	18.33			
40	PI2 BPSK	1	214	18.39	18.50	18.29	19.4	0.0	
40	PI2 BPSK	108	0	18.23	18.31	18.40	19.4	0.0	
40	PI2 BPSK	108	54	18.36	18.32	18.35	19.4	0.0	
40	PI2 BPSK	108	108	18.26	18.50	18.47	19.4	0.0	
40	PI2 BPSK	216	0	18.34	18.34	18.35	19.4	0.0	
40	QPSK	1	1	18.41	18.51	18.49			
40	QPSK	1	108	18.42	18.42	18.43			
40	QPSK	1	214	18.31	18.40	18.31			
40	QPSK	108	0	18.28	18.50	18.48	19.4	0.0	
40	QPSK	108	54	18.22	18.38	18.27	19.4	0.0	
40	QPSK	108	108	18.22	18.48	18.43	19.4	0.0	
40	QPSK	216	0	18.25	18.36	18.29	19.4	0.0	
40	16QAM	1	1	18.24	18.42	18.44	19.4	0.0	
40	64QAM	1	1	18.26	18.37	18.50	19.4	0.0	
40	256QAM	1	1	17.52	17.88	17.78	19.4	0.0	
Channel				345000	349000	345000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	19.4	0.0	
35	QPSK	1	1	18.23	18.37	18.28	19.4	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.4	0.0	
30	QPSK	1	1	18.42	18.50	18.39	19.4	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	19.4	0.0	
25	QPSK	1	1	18.36	18.47	18.30	19.4	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.4	0.0	
20	QPSK	1	1	18.34	18.30	18.47	19.4	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.4	0.0	
15	QPSK	1	1	18.22	18.36	18.31	19.4	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.4	0.0	
10	QPSK	1	1	18.33	18.31	18.31	19.4	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.4	0.0	
5	QPSK	1	1	18.31	18.38	18.31	19.4	0.0	

Part27Q n78 Ant 3								
BW [MHz]	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		20.48			
100	PI/2 BPSK	1	137		20.38		22.0	0.0
100	PI/2 BPSK	1	271		20.34			
100	PI/2 BPSK	135	0		19.74		21.5	0.5
100	PI/2 BPSK	135	69		20.48		22.0	0.0
100	PI/2 BPSK	135	138		20.01		21.5	0.5
100	PI/2 BPSK	270	0		19.93			
100	QPSK	1	1		20.64			
100	QPSK	1	137		20.51		22.0	0.0
100	QPSK	1	271		20.47			
100	QPSK	135	0		19.23		21.0	1.0
100	QPSK	135	69		20.44		22.0	0.0
100	QPSK	135	138		19.50			
100	QPSK	270	0		19.40		21.0	1.0
100	16QAM	1	1		19.22		21.0	1.0
100	64QAM	1	1		17.72		19.5	2.5
100	256QAM	1	1		15.65		17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.47	20.47	20.53	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.48	20.52	20.57	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.47	20.51	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.52	20.44	20.60	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.43	20.47	20.50	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.42	20.49	20.45	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.45	20.51	20.58	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.54	20.53	20.48	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3467.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.50	20.52	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.52	20.47	20.51	22.0	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.62				
100	PI/2 BPSK	1	137	15.65				
100	PI/2 BPSK	1	271	15.53				
100	PI/2 BPSK	135	0	15.63			16.5	0.0
100	PI/2 BPSK	135	69	15.60			16.5	0.0
100	PI/2 BPSK	135	138	15.60			16.5	0.0
100	PI/2 BPSK	270	0	15.60				
100	QPSK	1	1	15.67			16.5	0.0
100	QPSK	1	137	15.60				
100	QPSK	1	271	15.59				
100	QPSK	135	0	15.58			16.5	0.0
100	QPSK	135	69	15.66			16.5	0.0
100	QPSK	135	138	15.60			16.5	0.0
100	QPSK	270	0	15.63				
100	16QAM	1	1	15.64			16.5	0.0
100	64QAM	1	1	15.63			16.5	0.0
100	256QAM	1	1	15.57			16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.61	15.59	15.56	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.50	15.53	15.57	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.53	15.50	15.64	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.61	15.52	15.56	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.63	15.53	15.58	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.51	15.57	15.60	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.59	15.61	15.63	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.60	15.63	15.59	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.62	15.50	15.56	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.56	15.53	15.55	16.5	0.0

Part27Q n78 Ant 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			17.3	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.25				
100	PI/2 BPSK	1	137	16.18				
100	PI/2 BPSK	1	271	16.25				
100	PI/2 BPSK	135	0	16.26			17.3	0.0
100	PI/2 BPSK	135	69	16.15			17.3	0.0
100	PI/2 BPSK	135	138	16.22			17.3	0.0
100	PI/2 BPSK	270	0	16.21				
100	QPSK	1	1	16.27			17.3	0.0
100	QPSK	1	137	16.24				
100	QPSK	1	271	16.14				
100	QPSK	135	0	16.20			17.3	0.0
100	QPSK	135	69	16.24			17.3	0.0
100	QPSK	135	138	16.21			17.3	0.0
100	QPSK	270	0	16.23			17.3	0.0
100	16QAM	1	1	16.24			17.3	0.0
100	64QAM	1	1	16.25			17.3	0.0
100	256QAM	1	1	16.26			17.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.12	16.15	16.19	17.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.17	16.18	16.19	17.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.13	16.15	16.22	17.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.10	16.12	16.16	17.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.16	16.18	16.12	17.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.11	16.15	16.17	17.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.10	16.20	16.19	17.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.22	16.14	16.19	17.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.22	16.22	16.16	17.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.13	16.23	16.17	17.3	0.0

Part27Q n78 Ant 9								
BW [MHz]	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			22.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.52				
100	PI/2 BPSK	1	137	20.65				
100	PI/2 BPSK	1	271	20.71				
100	PI/2 BPSK	135	0	20.22			21.5	0.5
100	PI/2 BPSK	135	69	20.63			22.0	0.0
100	PI/2 BPSK	135	138	20.18			21.5	0.5
100	PI/2 BPSK	270	0	20.11				
100	QPSK	1	1	20.79			22.0	0.0
100	QPSK	1	137	20.66				
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.60	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DSI3

n5 Ant 0									
BW [MHz]	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	23.11	23.21	23.17	24.0	0.0	
20	PI/2 BPSK	1	53	23.01	23.18	23.10			
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65	23.5	0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38	23.5	0.5	
20	PI/2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24	24.0	0.0	
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08			
20	QPSK	50	0	22.01	22.19	22.20	23.0	1.0	
20	QPSK	50	28	23.11	23.13	22.97	24.0	0.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16	23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.21	23.07	23.16	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.03	23.16	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.05	23.06	23.16	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	23.57	23.48	23.54	24.0	0.0	
20	PI/2 BPSK	1	53	23.43	23.45	23.63			
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11	23.5	0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	23.5	0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.60	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.48	23.50	23.53	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	23.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.23	22.43	22.17	23.5	0.0
20	PI2 BPSK	1	53	22.28	22.19	22.26		
20	PI2 BPSK	1	164	22.32	22.38	22.22	23.5	0.0
20	PI2 BPSK	50	0	22.28	22.27	22.33		
20	PI2 BPSK	50	28	22.25	22.24	22.19	23.5	0.0
20	PI2 BPSK	50	58	22.24	22.17	22.37		
20	PI2 BPSK	100	0	22.41	22.36	22.21	23.5	0.0
20	QPSK	1	1	22.41	22.46	22.35		
20	QPSK	1	1	22.31	22.37	22.30	23.0	0.5
20	QPSK	1	104	22.40	22.38	22.39		
20	QPSK	50	0	22.28	22.32	22.29	23.0	0.5
20	QPSK	50	28	22.23	22.39	22.13		
20	QPSK	50	58	22.28	22.31	22.38	23.0	0.5
20	QPSK	100	0	22.34	22.41	22.32		
20	16QAM	1	1	22.24	22.18	22.27	23.0	0.5
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93	19.5	4.0
Channel				371500	376000	380500		
Frequency (MHz)				1867.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.26	22.22	22.28	23.5	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1855	1860	1905	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.32	22.32	22.23	23.5	0.0
Channel				375500	376000	381500		
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.28	22.23	22.14	23.5	0.0
Channel				375000	376000	381000		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	23.5	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.28	22.39	22.13	23.5	0.0
40	PI2 BPSK	1	135	22.09	22.06	22.18		
40	PI2 BPSK	1	268	22.16	22.35	22.10	23.5	0.0
40	PI2 BPSK	135	0	22.44	22.29	22.10		
40	PI2 BPSK	135	68	22.14	22.23	22.31	23.5	0.0
40	PI2 BPSK	135	135	22.26	22.27	21.95		
40	PI2 BPSK	270	0	22.21	22.35	22.13	23.5	0.0
40	QPSK	1	1	22.29	22.47	22.26		
40	QPSK	1	135	22.16	22.05	22.14	23.0	0.5
40	QPSK	1	268	22.17	22.30	22.26		
40	QPSK	135	0	22.13	22.42	22.21	23.0	0.5
40	QPSK	135	68	22.31	22.44	22.28		
40	QPSK	135	135	22.16	22.18	22.35	23.0	0.5
40	QPSK	270	0	22.28	22.41	22.21		
40	16QAM	1	1	22.46	22.38	22.36	23.0	0.5
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77	19.5	4.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.25	22.38	22.26	23.5	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.30	22.40	22.11	23.5	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)
20	PI2 BPSK	1	1	22.34	22.33	22.26	23.5	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.32	22.41	22.19	19REF1	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.22	22.40	22.12	23.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.28	22.34	22.11	23.5	0.0
Channel				500000	507000	514000		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000	23.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.89	21.86	22.13	23.0	0.0
40	PI2 BPSK	1	108	21.97	22.06	21.99		
40	PI2 BPSK	1	214	21.77	22.01	21.66	23.0	0.0
40	PI2 BPSK	108	0	21.86	21.90	22.05		
40	PI2 BPSK	108	54	21.98	21.89	22.08	23.0	0.0
40	PI2 BPSK	108	108	21.90	21.97	22.11		
40	PI2 BPSK	216	0	21.82	21.93	21.99	23.0	0.0
40	QPSK	1	1	22.12	22.14	21.90		
40	QPSK	1	198	22.00	21.88	22.11	23.0	0.0
40	QPSK	1	214	21.78	21.98	21.76		
40	QPSK	108	0	21.73	22.00	21.95	23.0	0.0
40	QPSK	108	54	22.07	22.11	22.07		
40	QPSK	108	108	21.94	21.95	22.04	23.0	0.0
40	QPSK	216	0	21.89	22.05	22.01		
40	16QAM	1	1	22.13	22.11	22.04	23.0	0.0
40	64QAM	1	1	20.89	20.88	20.79		
40	256QAM	1	1	18.47	18.57	18.37	19.5	3.5
Channel				345000	348000	350500		
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	21.93	22.03	22.03	23.0	0.0
Channel				345000	348000	350000		
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.02	21.99	21.96	23.0	0.0
Channel				344500	348000	350500		
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.02	21.96	22.05	23.0	0.0
Channel				344000	348000	350000		
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.85	22.03	21.98	23.0	0.0
Channel				343500	348000	350500		
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.01	21.99	22.01	23.0	0.0
Channel				343000	348000	350000		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	21.87	21.91	21.98	23.0	0.0
Channel				342500	348000	350500		
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.00	22.04	22.07	23.0	0.0
Channel				342000	348000	350000		

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BW [MHz]	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	19.4	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	18.28	18.22	18.33		
20	PI2 BPSK	1	53	17.81	18.34	18.11		
20	PI2 BPSK	1	104	18.00	18.07	18.12	19.4	0.0
20	PI2 BPSK	50	0	18.33	18.39	18.21	19.4	0.0
20	PI2 BPSK	50	28	17.89	18.39	18.19	19.4	0.0
20	PI2 BPSK	50	58	17.95	18.07	18.03	19.4	0.0
20	PI2 BPSK	100	0	18.15	18.22	18.28	19.4	0.0
20	QPSK	1	1	18.33	18.44	18.35	19.4	0.0
20	QPSK	1	53	18.00	18.41	18.19		
20	QPSK	1	104	18.16	18.20	18.19		
20	QPSK	50	0	18.33	18.40	18.19		
20	QPSK	50	28	17.79	18.39	18.09	19.4	0.0
20	QPSK	50	58	18.15	18.10	17.98	19.4	0.0
20	QPSK	100	0	18.34	18.35	18.36	19.4	0.0
20	16QAM	1	1	17.83	18.29	18.02	19.4	0.0
20	64QAM	1	1	18.15	17.99	18.19	19.4	0.0
20	256QAM	1	1	18.29	18.38	18.29	19.4	0.0
Channel				371500	376000	380500	19.4	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	18.27	18.26	18.20		
Channel				371000	376000	381000	19.4	0.0
Frequency (MHz)				1855	1900	1905		
10	QPSK	1	1	18.14	18.30	18.22		
Channel				375500	376000	381500	19.4	0.0
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	18.33	18.24	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				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	21.42	21.84	21.67		
20	PI2 BPSK	1	53	21.56	21.70	21.55		
20	PI2 BPSK	1	104	21.38	21.61	21.61	23.0	0.0
20	PI2 BPSK	50	0	21.61	21.79	21.54	23.0	0.0
20	PI2 BPSK	50	28	21.61	21.82	21.37	23.0	0.0
20	PI2 BPSK	50	58	21.60	21.64	21.67	23.0	0.0
20	PI2 BPSK	100	0	21.66	21.75	21.54	23.0	0.0
20	QPSK	1	1	21.65	21.93	21.57		
20	QPSK	1	53	21.68	21.84	21.58		
20	QPSK	1	104	21.51	21.81	21.57		
20	QPSK	50	0	21.59	21.73	21.57	23.0	0.0
20	QPSK	50	28	21.63	21.79	21.61	23.0	0.0
20	QPSK	50	58	21.58	21.60	21.54	23.0	0.0
20	QPSK	100	0	21.55	21.78	21.71	23.0	0.0
20	16QAM	1	1	21.44	21.73	21.54	23.0	0.0
20	64QAM	1	1	20.48	20.74	20.69	21.5	1.5
20	256QAM	1	1	18.39	18.66	18.53	19.5	3.5
Channel				166300	167300	167800	23.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.53	21.71	21.64		
Channel				166800	167300	168800	23.0	0.0
Frequency (MHz)				820	836.5	844		
10	QPSK	1	1	21.39	21.85	21.64		
Channel				166300	167300	169300	23.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.48	21.68	21.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	16.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	15.62	15.77	15.61		
40	PI2 BPSK	1	135	15.31	15.32	15.35		
40	PI2 BPSK	1	268	15.19	15.56	15.30	16.8	0.0
40	PI2 BPSK	135	0	15.54	15.05	15.66	16.8	0.0
40	PI2 BPSK	135	68	15.20	15.49	15.36	16.8	0.0
40	PI2 BPSK	135	135	15.38	15.59	15.21	16.8	0.0
40	PI2 BPSK	270	0	15.61	15.60	15.52	16.8	0.0
40	QPSK	1	1	15.63	15.79	15.71		
40	QPSK	1	135	15.36	15.53	15.56		
40	QPSK	1	268	15.40	15.74	15.30		
40	QPSK	135	0	15.68	15.70	15.52	16.8	0.0
40	QPSK	135	68	15.24	15.40	15.35	16.8	0.0
40	QPSK	135	135	15.30	15.65	15.23	16.8	0.0
40	QPSK	270	0	15.82	15.70	15.65	16.8	0.0
40	16QAM	1	1	15.33	15.49	15.49	16.8	0.0
40	64QAM	1	1	15.26	15.72	15.18	16.8	0.0
40	256QAM	1	1	15.58	15.56	15.51	16.8	0.0
Channel				503000	507000	511000	16.8	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.44	15.57	15.52		
Channel				502500	507000	511500	16.8	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.44	15.65	15.54		
Channel				502000	507000	512000	16.8	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.47	15.74	15.68		
Channel				501500	507000	512500	16.8	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.44	15.74	15.54		
Channel				501000	507000	513000	16.8	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.65	15.76	15.69		
Channel				500500	507000	513500	16.8	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.58	15.64	15.51		

n26 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	23.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI2 BPSK	1	1	21.56	21.84	21.68			
20	PI2 BPSK	1	53	21.64	21.84	21.65			
20	PI2 BPSK	1	104	21.57	21.79	21.73	23.0	0.0	
20	PI2 BPSK	50	0	21.72	21.83	21.81			
20	PI2 BPSK	50	28	21.73	21.97	21.55			
20	PI2 BPSK	50	58	21.71	21.82	21.72		0.0	
20	PI2 BPSK	100	0	21.75	21.77	21.73	23.0	0.0	
20	QPSK	1	1	21.75	21.98	21.78			
20	QPSK	1	53	21.74	21.88	21.83			
20	QPSK	1	104	21.71	21.89	21.78			
20	QPSK	50	0	21.73	21.86	21.73	23.0	0.0	
20	QPSK	50	28	21.84	21.87	21.82			
20	QPSK	50	58	21.81	21.78	21.86			
20	QPSK	100	0	21.56	21.95	21.77		0.0	
20	16QAM	1	1	21.65	21.86	21.69	23.0	0.0	
20	64QAM	1	1	20.87	20.87	20.74			
20	256QAM	1	1	18.52	18.87	18.68			
Channel				164300	165800	167300		Tune-up limit (dBm)	
Frequency (MHz)				821.5	831.5	841.5	MPR (dB)		
15	QPSK	1	1	21.55	21.81	21.76	23.0	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				818	831.5	844		Tune-up limit (dB)	
10	QPSK	1	1	21.55	21.89	21.72		23.0	
Channel				163300	166300	169300	Tune-up limit (dBm)		
Frequency (MHz)				816.5	831.5	846.5	MPR (dB)		
5	QPSK	1	1	21.67	21.90	21.57	23.0		

n66 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				349000	349000	349000	17.8	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	16.70	16.79	16.84			
40	PI2 BPSK	1	108	16.66	16.55	16.91			
40	PI2 BPSK	1	214	16.73	16.69	16.54	17.8	0.0	
40	PI2 BPSK	108	0	16.64	16.39	16.80			
40	PI2 BPSK	108	54	16.59	16.58	16.91			
40	PI2 BPSK	108	108	16.60	16.71	16.39		0.0	
40	PI2 BPSK	216	0	16.74	16.39	16.92	17.8	0.0	
40	QPSK	1	1	16.83	16.95	16.89			
40	QPSK	1	108	16.81	16.59	16.92			
40	QPSK	1	214	16.75	16.91	16.59			
40	QPSK	108	0	16.83	16.65	16.66	17.8	0.0	
40	QPSK	108	54	16.70	16.72	16.66			
40	QPSK	108	108	16.71	16.51	16.81			
40	QPSK	216	0	16.76	16.92	16.68		0.0	
40	16QAM	1	1	16.67	16.60	16.73	17.8	0.0	
40	64QAM	1	1	16.54	16.81	16.55			
40	256QAM	1	1	16.78	16.48	16.80			
Channel				349000	349000	349000		Tune-up limit (dBm)	
Frequency (MHz)				1727.5	1745	1762.5	MPR (dB)		
35	QPSK	1	1	16.63	16.41	16.81	17.8	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765		Tune-up limit (dBm)	
30	QPSK	1	1	16.70	16.39	16.87		17.8	
Channel				344500	349000	353500	Tune-up limit (dBm)		
Frequency (MHz)				1722.5	1745	1767.5	MPR (dB)		
25	QPSK	1	1	16.82	16.50	16.92	17.8	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770		Tune-up limit (dBm)	
20	QPSK	1	1	16.79	16.50	16.73		17.8	
Channel				343500	349000	354500	Tune-up limit (dBm)		
Frequency (MHz)				1717.5	1745	1772.5	MPR (dB)		
15	QPSK	1	1	16.67	16.56	16.73	17.8	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775		Tune-up limit (dBm)	
10	QPSK	1	1	16.65	16.53	16.82		17.8	
Channel				342500	349000	355500	Tune-up limit (dBm)		
Frequency (MHz)				1712.5	1745	1777.5	MPR (dB)		
5	QPSK	1	1	16.77	16.43	16.85	17.8		

Part27Q n78 Ant 3								
BW [MHz]	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			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	12.63	12.63		14.0	0.0
100	PI/2 BPSK	1	137	12.53	12.53			
100	PI/2 BPSK	1	271	12.65	12.65			
100	PI/2 BPSK	135	0	12.53	12.53		14.0	0.0
100	PI/2 BPSK	135	69	12.63	12.63		14.0	0.0
100	PI/2 BPSK	135	138	12.61	12.61		14.0	0.0
100	PI/2 BPSK	270	0	12.62	12.62			
100	QPSK	1	1	12.67	12.67			
100	QPSK	1	137	12.63	12.63		14.0	0.0
100	QPSK	1	271	12.58	12.58			
100	QPSK	135	0	12.65	12.65			
100	QPSK	135	69	12.65	12.65		14.0	0.0
100	QPSK	135	138	12.58	12.58		14.0	0.0
100	QPSK	270	0	12.63	12.63			
100	16QAM	1	1	12.63	12.63			
100	64QAM	1	1	12.58	12.58		14.0	0.0
100	256QAM	1	1	12.61	12.61		14.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.57	12.59	12.57	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.62	12.59	12.51	14.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.62	12.49	12.59	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.57	12.60	12.60	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.61	12.55	12.50	14.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.54	12.61	12.51	14.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.56	12.56	12.52	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.58	12.51	12.51	14.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.52	12.57	12.62	14.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.58	12.52	12.54	14.0	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.62				
100	PI/2 BPSK	1	137	15.65				
100	PI/2 BPSK	1	271	15.53				
100	PI/2 BPSK	135	0	15.63			16.5	0.0
100	PI/2 BPSK	135	69	15.60			16.5	0.0
100	PI/2 BPSK	135	138	15.60			16.5	0.0
100	PI/2 BPSK	270	0	15.60				
100	QPSK	1	1	15.67			16.5	0.0
100	QPSK	1	137	15.60				
100	QPSK	1	271	15.59				
100	QPSK	135	0	15.58			16.5	0.0
100	QPSK	135	69	15.66			16.5	0.0
100	QPSK	135	138	15.60			16.5	0.0
100	QPSK	270	0	15.63				
100	16QAM	1	1	15.64			16.5	0.0
100	64QAM	1	1	15.63			16.5	0.0
100	256QAM	1	1	15.57			16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.61	15.59	15.56	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.50	15.53	15.57	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.53	15.50	15.54	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.61	15.52	15.56	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.63	15.53	15.58	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.51	15.57	15.60	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.59	15.61	15.63	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.60	15.63	15.59	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.62	15.50	15.56	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.56	15.53	15.55	16.5	0.0

Part27Q n78 Ant 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			20.3	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.16				
100	PI/2 BPSK	1	137	19.19				
100	PI/2 BPSK	1	271	19.29				
100	PI/2 BPSK	135	0	19.24			20.3	0.0
100	PI/2 BPSK	135	69	19.23			20.3	0.0
100	PI/2 BPSK	135	138	19.29			20.3	0.0
100	PI/2 BPSK	270	0	19.17				
100	QPSK	1	1	19.31			20.3	0.0
100	QPSK	1	137	19.23				
100	QPSK	1	271	19.27				
100	QPSK	135	0	19.25			20.3	0.0
100	QPSK	135	69	19.29			20.3	0.0
100	QPSK	135	138	19.21			20.3	0.0
100	QPSK	270	0	19.27			20.3	0.0
100	16QAM	1	1	19.22			20.3	0.0
100	64QAM	1	1	19.28			20.3	0.0
100	256QAM	1	1	17.84			18.5	1.8
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.15	19.22	19.15	20.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.13	19.15	19.24	20.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.25	19.14	19.12	20.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.20	19.16	19.13	20.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.16	19.25	19.20	20.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.25	19.15	19.22	20.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.23	19.22	19.18	20.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.19	19.19	19.21	20.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.25	19.20	19.19	20.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.18	19.23	19.17	20.3	0.0

Part27Q n78 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	20.66	20.75	20.57	22.0	0.0
100	PI/2 BPSK	1	137					
100	PI/2 BPSK	1	271					
100	PI/2 BPSK	135	0				21.5	0.5
100	PI/2 BPSK	135	69				22.0	0.0
100	PI/2 BPSK	135	138				21.5	0.5
100	PI/2 BPSK	270	0					
100	QPSK	1	1	20.79				
100	QPSK	1	137	20.66			22.0	0.0
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.75	20.57	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	20.61	20.63	20.64	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	20.74	20.72	20.65	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	20.71	20.62	20.66	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	20.75	20.59	20.76	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	20.64	20.66	20.66	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	20.59	20.75	20.66	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	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DS14

n5 Ant 0										
BW [MHz]	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	24.0	0.0		
Frequency (MHz)				834	836.5	839				
20	Pi/2 BPSK	1	1	23.11	23.21	23.17				
20	Pi/2 BPSK	1	53	23.01	23.18	23.10	23.5	0.5		
20	Pi/2 BPSK	1	104	23.03	23.04	22.92				
20	Pi/2 BPSK	50	0	22.53	22.65	22.65		24.0	0.0	
20	Pi/2 BPSK	50	28	22.97	23.14	23.15	23.5		0.5	
20	Pi/2 BPSK	50	56	22.39	22.58	22.38				
20	Pi/2 BPSK	100	0	22.54	22.63	22.52		24.0	0.0	
20	QPSK	1	1	23.23	23.25	23.24				
20	QPSK	1	53	23.14	23.15	23.00	23.0		1.0	
20	QPSK	1	104	22.92	23.07	23.08		24.0	0.0	
20	QPSK	50	0	22.01	22.19	22.20			23.0	1.0
20	QPSK	50	28	23.11	23.13	22.97	23.0			0.0
20	QPSK	50	56	22.00	22.12	22.13		23.0		1.0
20	QPSK	100	0	22.15	22.17	22.10			23.0	1.0
20	16QAM	1	1	22.17	22.36	22.16	23.0			1.0
20	64QAM	1	1	20.82	20.86	20.86		23.0		1.0
20	256QAM	1	1	18.85	18.87	18.80			23.0	1.0
Channel				166300	167300	168300	24.0			0.0
Frequency (MHz)				831.5	836.5	841.5				
15	QPSK	1	1	23.21	23.07	23.16		24.0	0.0	
Channel				165800	167300	168800	24.0		0.0	
Frequency (MHz)				829	836.5	844				
10	QPSK	1	1	23.03	23.16	23.18		24.0		
Channel				165300	167300	169300	24.0		0.0	
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	1	23.05	23.06	23.16		24.0		

n26 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54			
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.0	
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11			
20	PI/2 BPSK	50	28	23.56	23.51	23.43	23.5	0.5	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	24.0	0.0	
20	PI/2 BPSK	100	0	23.02	23.22	23.19	23.5	0.5	
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	24.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.60	22.61			
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	24.0	0.0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.51	23.60	23.42			
Channel				163800	166300	168800	24.0	0.0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.54	23.47	23.44			
Channel				163300	166300	169300	24.0	0.0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.50	23.53			

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	23.45	23.45	23.26	24.0	0.0
20	PI2 BPSK	1	53	23.41	23.44	23.25		
20	PI2 BPSK	1	104	23.27	23.47	23.30		
20	PI2 BPSK	50	0	22.76	22.81	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.40	23.43	23.41	24.0	0.0
20	PI2 BPSK	50	56	22.73	22.88	22.87	23.5	0.5
20	PI2 BPSK	100	0	22.79	22.91	22.73	24.0	0.0
20	QPSK	1	1	23.45	23.46	23.43		
20	QPSK	1	53	23.40	23.45	23.39		
20	QPSK	1	104	23.45	23.43	23.31	23.0	1.0
20	QPSK	50	0	22.32	22.42	22.29		
20	QPSK	50	28	23.24	23.43	23.30		
20	QPSK	50	56	22.26	22.36	22.38	23.0	1.0
20	QPSK	100	0	22.34	22.41	22.32	23.0	1.0
20	16QAM	1	1	22.46	22.58	22.52		
20	64QAM	1	1	21.12	21.11	21.00		
20	256QAM	1	1	18.88	19.06	18.93	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	23.44	23.40	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1920	1905		
10	QPSK	1	1	23.26	23.40	23.39	24.0	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	23.34	23.41	23.44	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				504000	507000	510000	24.0	0.0
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	23.46	23.38	23.22	24.0	0.0
40	PI2 BPSK	1	135	23.41	23.27	23.24		
40	PI2 BPSK	1	268	23.13	23.41	23.19		
40	PI2 BPSK	135	0	22.87	22.73	22.66	23.5	0.5
40	PI2 BPSK	135	68	23.20	23.33	23.34	24.0	0.0
40	PI2 BPSK	135	135	22.56	22.84	22.69	23.5	0.5
40	PI2 BPSK	270	0	22.73	22.91	22.58	24.0	0.0
40	QPSK	1	1	23.42	23.47	23.29		
40	QPSK	1	135	23.22	23.27	23.35		
40	QPSK	1	268	23.28	23.38	23.17	23.0	1.0
40	QPSK	135	0	22.13	22.42	22.21		
40	QPSK	135	68	23.06	23.25	23.09		
40	QPSK	135	135	22.16	22.18	22.36	23.0	1.0
40	QPSK	270	0	22.28	22.41	22.21	23.0	1.0
40	16QAM	1	1	22.46	22.38	22.36		
40	64QAM	1	1	21.09	20.98	21.00		
40	256QAM	1	1	18.84	18.96	18.77	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	23.20	23.38	23.25	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	23.39	23.30	23.20	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650		
20	PI2 BPSK	1	1	23.23	23.32	23.11	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	23.42	23.37	23.08	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	23.33	23.40	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	23.42	23.36	23.06	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				346000	348000	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98	24.0	0.0
40	PI2 BPSK	1	108	23.10	22.86	23.03		
40	PI2 BPSK	1	214	22.76	23.04	22.79		
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38	24.0	0.0
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17		
40	QPSK	1	214	22.88	23.05	22.78	23.0	1.0
40	QPSK	108	0	21.73	22.00	21.95		
40	QPSK	108	54	22.73	22.87	22.85		
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01	23.0	1.0
40	16QAM	1	1	22.14	22.20	22.04		
40	64QAM	1	1	20.69	20.68	20.79		
40	256QAM	1	1	18.47	18.57	18.37	19.5	4.5
Channel				345000	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	348000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	24.0	0.0
Channel				342500	348000	350500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.99	23.18	22.89	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	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.66	22.77	22.60		
20	PI2 BPSK	1	53	22.74	22.82	22.74		
20	PI2 BPSK	1	104	22.72	22.78	22.66	23.5	0.5
20	PI2 BPSK	50	0	22.16	22.15	21.99	24.0	0.0
20	PI2 BPSK	50	28	22.68	22.74	22.52	24.0	0.0
20	PI2 BPSK	50	56	22.17	22.20	22.09	23.5	0.5
20	PI2 BPSK	100	0	22.21	22.19	21.98	24.0	0.0
20	QPSK	1	1	22.81	22.83	22.78		
20	QPSK	1	53	22.81	22.81	22.81		
20	QPSK	1	104	22.61	22.80	22.74		
20	QPSK	50	0	21.87	21.89	21.66	23.0	1.0
20	QPSK	50	28	22.70	22.75	22.63	24.0	0.0
20	QPSK	50	56	21.57	21.67	21.55	23.0	1.0
20	QPSK	100	0	21.85	21.72	21.54	23.0	1.0
20	16QAM	1	1	21.69	21.85	21.79		
20	64QAM	1	1	20.29	20.39	20.38		
20	256QAM	1	1	18.15	18.36	18.32		
Channel				371500	376000	380500	24.0	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.81	22.68	22.67		
Channel				371000	376000	381000	24.0	0.0
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	22.70	22.67	22.72		
Channel				370500	376000	381500	24.0	0.0
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.77	22.75	22.76		

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BW [MHz]	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	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.84		
20	PI2 BPSK	1	53	22.97	23.09	23.03		
20	PI2 BPSK	1	104	23.02	23.04	23.07	23.5	0.5
20	PI2 BPSK	50	0	22.46	22.37	22.34	24.0	0.0
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	56	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23	24.0	0.0
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12		
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	56	21.93	22.01	21.80	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89	23.0	1.0
20	16QAM	1	1	21.93	22.19	22.16		
20	64QAM	1	1	20.48	20.74	20.69		
20	256QAM	1	1	18.39	18.66	18.53		
Channel				166300	167300	167800	24.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04		
Channel				165800	167300	168800	24.0	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93		
Channel				165300	167300	169300	24.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	24.0	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	22.99	23.17	22.76		
40	PI2 BPSK	1	135	23.00	23.09	22.92		
40	PI2 BPSK	1	268	23.02	22.96	23.11	23.5	0.5
40	PI2 BPSK	135	0	22.44	22.31	22.31	24.0	0.0
40	PI2 BPSK	135	68	22.85	23.13	22.82	24.0	0.0
40	PI2 BPSK	135	135	22.43	22.38	22.34	23.5	0.5
40	PI2 BPSK	270	0	22.53	22.44	22.11	24.0	0.0
40	QPSK	1	1	23.07	23.25	23.13		
40	QPSK	1	135	22.95	23.01	23.16		
40	QPSK	1	268	22.79	23.21	22.83		
40	QPSK	135	0	22.02	22.14	22.12	23.0	1.0
40	QPSK	135	68	22.94	23.08	23.06	24.0	0.0
40	QPSK	135	135	21.88	21.92	21.73	23.0	1.0
40	QPSK	270	0	21.92	22.06	21.98	23.0	1.0
40	16QAM	1	1	21.94	22.20	22.24		
40	64QAM	1	1	20.52	20.73	20.79		
40	256QAM	1	1	18.28	18.68	18.42		
Channel				503500	507000	510500	24.0	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.04	23.10		
Channel				502500	507000	511500	24.0	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.98	23.05	23.12		
Channel				502000	507000	512000	24.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.89	23.22	22.98		
Channel				501500	507000	512500	24.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.01	23.22	22.96		
Channel				501000	507000	513000	24.0	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.94	23.07	22.94		
Channel				500500	507000	513500	24.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.87	23.07	22.96		

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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				168300	168300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.14	23.28	22.94		
20	PI/2 BPSK	1	53	23.11	23.18	23.12		
20	PI/2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5
20	PI/2 BPSK	50	0	22.82	22.40	22.51		
20	PI/2 BPSK	50	28	23.00	23.32	23.05	24.0	0.0
20	PI/2 BPSK	50	58	22.50	22.43	22.61	23.5	0.5
20	PI/2 BPSK	100	0	22.73	22.66	22.39		
20	QPSK	1	1	23.21	23.39	23.25	24.0	0.0
20	QPSK	1	53	23.12	23.15	23.20		
20	QPSK	1	104	22.93	23.30	23.08	23.0	1.0
20	QPSK	50	0	22.29	22.07	22.10		
20	QPSK	50	28	23.15	23.19	23.13	24.0	0.0
20	QPSK	50	58	22.06	22.16	21.84	23.0	1.0
20	QPSK	100	0	21.93	22.02	22.00		
20	16QAM	1	1	22.00	22.36	22.31	23.0	1.0
20	64QAM	1	1	20.87	20.87	20.74	21.5	2.5
20	256QAM	1	1	18.52	18.87	18.68	19.5	4.5
Channel				168300	168300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0
15	QPSK	1	1	23.20	23.26	23.17	24.0	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				117	831.5	841	24.0	0.0
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0
5	QPSK	1	1	23.16	23.25	23.15	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	345000	345000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.22	22.19	22.31		
40	PI/2 BPSK	1	108	22.07	22.30	22.09		
40	PI/2 BPSK	1	214	22.07	22.01	22.19	23.5	0.5
40	PI/2 BPSK	108	0	21.96	21.96	21.92		
40	PI/2 BPSK	108	54	22.08	22.33	22.05	24.0	0.0
40	PI/2 BPSK	108	108	21.94	21.84	21.72	23.5	0.5
40	PI/2 BPSK	216	0	21.77	21.90	21.58		
40	QPSK	1	1	22.33	22.43	22.36	24.0	0.0
40	QPSK	1	108	22.31	22.13	22.32		
40	QPSK	1	214	22.30	22.34	22.14	23.0	1.0
40	QPSK	108	0	21.56	21.63	21.58		
40	QPSK	108	54	22.09	22.25	22.09	24.0	0.0
40	QPSK	108	108	21.01	21.16	21.66	23.0	1.0
40	QPSK	216	0	21.46	21.47	21.01		
40	16QAM	1	1	21.05	21.27	21.34	23.0	1.0
40	64QAM	1	1	19.61	19.91	19.85	21.5	2.5
40	256QAM	1	1	17.52	17.88	17.78	19.5	4.5
Channel				345000	345000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0
35	QPSK	1	1	22.29	22.22	22.15	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	QPSK	1	1	22.29	22.34	22.27	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.16	22.37	22.32	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	22.32	22.41	22.16	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.33	22.42	22.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	22.16	22.33	22.38	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	22.16	22.25	22.30	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			17.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.56				
100	PI/2 BPSK	1	137	16.59				
100	PI/2 BPSK	1	271	16.51				
100	PI/2 BPSK	135	0	16.48			17.8	0.0
100	PI/2 BPSK	135	69	16.56			17.8	0.0
100	PI/2 BPSK	135	138	16.61			17.8	0.0
100	PI/2 BPSK	270	0	16.51				
100	QPSK	1	1	16.62			17.8	0.0
100	QPSK	1	137	16.47				
100	QPSK	1	271	16.55				
100	QPSK	135	0	16.60			17.8	0.0
100	QPSK	135	69	16.61			17.8	0.0
100	QPSK	135	138	16.57			17.8	0.0
100	QPSK	270	0	16.57				
100	16QAM	1	1	16.49			17.8	0.0
100	64QAM	1	1	16.52			17.8	0.0
100	256QAM	1	1	15.65			17.5	0.3
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.55	16.48	16.52	17.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.43	16.50	16.51	17.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.56	16.50	16.49	17.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.43	16.55	16.53	17.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.46	16.55	16.56	17.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.50	16.43	16.51	17.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.46	16.52	16.43	17.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.46	16.46	16.51	17.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.51	16.49	16.48	17.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.44	16.49	16.45	17.8	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	23.50	23.62	23.53	24.0	0.0
100	PI/2 BPSK	1	137	632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
100	PI/2 BPSK	1	271	3490.02	3500.01	3510		
100	PI/2 BPSK	135	0	23.56	23.49	23.65	24.0	0.0
100	PI/2 BPSK	135	69	632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
100	PI/2 BPSK	135	138	3485.01	3500.01	3515.01		
100	PI/2 BPSK	270	0	23.53	23.54	23.51	24.0	0.0
100	QPSK	1	1	632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
100	QPSK	1	137	3480	3500.01	3520.02		
100	QPSK	1	271	23.50	23.67	23.64	24.0	0.0
100	QPSK	135	0	631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
100	QPSK	135	69	3475.02	3500.01	3525		
100	QPSK	135	138	23.55	23.50	23.54	24.0	0.0
100	QPSK	270	0	631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
100	16QAM	1	1	3470.01	3500.01	3530.01		
100	64QAM	1	1	23.49	23.58	23.53	24.0	0.0
100	256QAM	1	1	631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Channel				3465	3500.01	3535.02		
Frequency (MHz)				23.59	23.57	23.61	24.0	0.0
80	QPSK	1	1	630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Channel				3460.02	3500.01	3540		
Frequency (MHz)				23.49	23.62	23.58	24.0	0.0
70	QPSK	1	1	630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Channel				3467.5	3500.01	3542.52		
Frequency (MHz)				23.53	23.64	23.63	24.0	0.0
60	QPSK	1	1	630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Channel				3455.01	3500.01	3545.01		
Frequency (MHz)				23.56	23.64	23.61	24.0	0.0
50	QPSK	1	1					
40	QPSK	1	1					
30	QPSK	1	1					
20	QPSK	1	1					
15	QPSK	1	1					
10	QPSK	1	1					

Part27Q n78 Ant 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			23.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	22.23			23.0	0.0
100	PI/2 BPSK	1	137	22.16				
100	PI/2 BPSK	1	271	22.04			22.5	0.5
100	PI/2 BPSK	135	0	21.71				
100	PI/2 BPSK	135	69	22.11			23.0	0.0
100	PI/2 BPSK	135	138	21.55				
100	PI/2 BPSK	270	0	21.61			22.5	0.5
100	QPSK	1	1	22.28				
100	QPSK	1	137	22.19			23.0	0.0
100	QPSK	1	271	22.09				
100	QPSK	135	0	21.22			22.0	1.0
100	QPSK	135	69	22.17				
100	QPSK	135	138	20.98			23.0	0.0
100	QPSK	270	0	21.04				
100	16QAM	1	1	21.05			22.0	1.0
100	64QAM	1	1	19.44				
100	256QAM	1	1	17.84			20.5	2.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	23.0	0.0
90	QPSK	1	1	22.13	22.17	22.12		
Channel				632668	633334	634000	23.0	0.0
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.17	22.23	22.11	23.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01	23.0	0.0
70	QPSK	1	1	22.18	22.16	22.12		
Channel				632000	633334	634668	23.0	0.0
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.25	22.13	22.14	23.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525	23.0	0.0
50	QPSK	1	1	22.13	22.11	22.24		
Channel				631334	633334	635334	23.0	0.0
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.19	22.14	22.23	23.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02	23.0	0.0
30	QPSK	1	1	22.22	22.13	22.25		
Channel				630668	633334	636000	23.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.23	22.18	22.18	23.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52	23.0	0.0
15	QPSK	1	1	22.15	22.15	22.12		
Channel				630334	633334	636334	23.0	0.0
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.21	22.23	22.21	23.0	0.0
Channel				630000	633334	636500		

Part27Q n78 Ant 9								
BW [MHz]	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			22.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.52				
100	PI/2 BPSK	1	137	20.65				
100	PI/2 BPSK	1	271	20.71				
100	PI/2 BPSK	135	0	20.22			21.5	0.5
100	PI/2 BPSK	135	69	20.63			22.0	0.0
100	PI/2 BPSK	135	138	20.18			21.5	0.5
100	PI/2 BPSK	270	0	20.11				
100	QPSK	1	1	20.79			22.0	0.0
100	QPSK	1	137	20.66				
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.60	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DSI6

n5 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.11	23.21	23.17			
20	PI/2 BPSK	1	53	23.01	23.18	23.10	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	23.04	22.92			
20	PI/2 BPSK	50	0	22.53	22.65	22.65		0.5	
20	PI/2 BPSK	50	28	22.97	23.14	23.15	24.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.58	22.38	23.5	0.5	
20	PI/2 BPSK	100	0	22.54	22.63	22.52			
20	QPSK	1	1	23.23	23.25	23.24			
20	QPSK	1	53	23.14	23.15	23.00	24.0	0.0	
20	QPSK	1	104	22.92	23.07	23.08	23.0	1.0	
20	QPSK	50	0	22.01	22.19	22.20			
20	QPSK	50	28	23.11	23.13	22.97			
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10			
20	16QAM	1	1	22.17	22.36	22.16	23.0	1.0	
20	64QAM	1	1	20.82	20.86	20.86	21.5	2.5	
20	256QAM	1	1	18.85	18.87	18.80	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	1	23.21	23.07	23.16	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	1	23.03	23.16	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	1	23.05	23.06	23.16	24.0	0.0	

n26 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54			
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.0	
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11		0.5	
20	PI/2 BPSK	50	28	23.56	23.51	23.43	24.0	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06	23.5	0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62			
20	QPSK	1	53	23.37	23.65	23.49	24.0	0.0	
20	QPSK	1	104	23.54	23.54	23.44	23.0	1.0	
20	QPSK	50	0	22.67	22.67	22.56			
20	QPSK	50	28	23.50	23.52	23.45		0.0	
20	QPSK	50	56	22.53	22.70	22.71	23.0	1.0	
20	QPSK	100	0	22.51	22.58	22.57			
20	16QAM	1	1	22.47	22.80	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.51	23.60	23.42	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.54	23.47	23.44	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.48	23.50	23.53	24.0	0.0	

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	22.23	22.43	22.17		
20	PI2 BPSK	1	53	22.28	22.19	22.26	23.4	0.0
20	PI2 BPSK	1	104	22.32	22.38	22.22		
20	PI2 BPSK	50	0	22.28	22.27	22.33	23.4	0.0
20	PI2 BPSK	50	28	22.25	22.24	22.19	23.4	0.0
20	PI2 BPSK	50	58	22.24	22.17	22.37	23.4	0.0
20	PI2 BPSK	100	0	22.41	22.36	22.21		
20	QPSK	1	1	22.41	22.46	22.35		
20	QPSK	1	53	22.31	22.37	22.30	23.4	0.0
20	QPSK	1	104	22.40	22.38	22.39		
20	QPSK	50	0	22.28	22.32	22.29	23.0	0.4
20	QPSK	50	28	22.23	22.39	22.13	23.4	0.0
20	QPSK	50	58	22.28	22.31	22.38	23.0	0.4
20	QPSK	100	0	22.34	22.41	22.32		
20	16QAM	1	1	22.24	22.18	22.27	23.0	0.4
20	64QAM	1	1	21.12	21.11	21.00	21.5	1.9
20	256QAM	1	1	18.88	19.06	18.93	19.5	3.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	22.26	22.22	22.28	23.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	22.32	22.32	22.23	23.4	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	22.28	22.23	22.14	23.4	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2635	2650		
40	PI2 BPSK	1	1	21.42	21.45	21.38		
40	PI2 BPSK	1	108	21.34	21.37	21.42	22.5	0.0
40	PI2 BPSK	1	214	21.34	21.43	21.47		
40	PI2 BPSK	108	0	21.38	21.45	21.45	22.5	0.0
40	PI2 BPSK	108	54	21.35	21.48	21.41	22.5	0.0
40	PI2 BPSK	108	108	21.44	21.41	21.42	22.5	0.0
40	PI2 BPSK	216	0	21.39	21.37	21.42		
40	QPSK	1	1	21.46	21.48	21.48		
40	QPSK	1	108	21.37	21.43	21.43	22.5	0.0
40	QPSK	1	214	21.38	21.40	21.43		
40	QPSK	108	0	21.40	21.46	21.42	22.5	0.0
40	QPSK	108	54	21.38	21.48	21.39	22.5	0.0
40	QPSK	108	108	21.43	21.40	21.45	22.5	0.0
40	QPSK	216	0	21.38	21.47	21.45		
40	16QAM	1	1	21.35	21.38	21.35	22.5	0.0
40	64QAM	1	1	21.09	20.98	21.00	21.5	1.0
40	256QAM	1	1	18.84	18.96	18.77	19.5	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2615	2635	2655		
30	QPSK	1	1	21.40	21.42	21.30	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2612.5	2635	2657.5		
25	QPSK	1	1	21.37	21.33	21.29	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2610	2635	2650		
20	PI2 BPSK	1	1	21.33	21.33	21.39	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	1	21.32	21.32	21.37	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2605	2635	2665		
10	QPSK	1	1	21.31	21.38	21.40	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.5	2635	2667.5		
5	QPSK	1	1	21.41	21.44	21.30	22.5	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	23.13	23.02	22.98		
40	PI2 BPSK	1	108	23.10	22.86	23.03	24.0	0.0
40	PI2 BPSK	1	214	22.76	23.04	22.79		
40	PI2 BPSK	108	0	22.37	22.50	22.34	23.5	0.5
40	PI2 BPSK	108	54	22.86	23.01	23.03	24.0	0.0
40	PI2 BPSK	108	108	22.15	22.83	22.37	23.5	0.5
40	PI2 BPSK	216	0	22.51	22.53	22.38		
40	QPSK	1	1	23.21	23.25	23.11		
40	QPSK	1	108	23.03	23.07	23.17	24.0	0.0
40	QPSK	1	214	22.88	23.05	22.78		
40	QPSK	108	0	21.73	22.00	21.95	23.0	1.0
40	QPSK	108	54	22.73	22.87	22.85	24.0	0.0
40	QPSK	108	108	21.94	21.95	22.14	23.0	1.0
40	QPSK	216	0	21.89	22.15	22.01		
40	16QAM	1	1	22.14	22.20	22.04	23.0	1.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	2.5
40	256QAM	1	1	18.47	18.57	18.37	19.5	4.5
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.01	23.18	22.90	#VALUE!	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.12	23.09	22.94	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.10	23.08	23.09	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.20	23.06	22.99	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.22	23.15	23.03	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.06	23.02	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	22.99	23.18	22.89	24.0	0.0

n2 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				370000	376000	380000	22.3	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	21.30	21.30	21.32		
20	PI2 BPSK	1	53	21.21	21.34	21.19		
20	PI2 BPSK	1	104	21.21	21.22	21.32	22.3	0.0
20	PI2 BPSK	50	0	21.20	21.33	21.21	22.3	0.0
20	PI2 BPSK	50	28	21.23	21.31	21.22	22.3	0.0
20	PI2 BPSK	50	58	21.25	21.28	21.32	22.3	0.0
20	PI2 BPSK	100	0	21.32	21.32	21.29	22.3	0.0
20	QPSK	1	1	21.29	21.36	21.32		
20	QPSK	1	53	21.31	21.25	21.27		
20	QPSK	1	104	21.22	21.34	21.22		
20	QPSK	50	0	21.22	21.26	21.19	22.3	0.0
20	QPSK	50	28	21.30	21.34	21.32	22.3	0.0
20	QPSK	50	58	21.25	21.30	21.30	22.3	0.0
20	QPSK	100	0	21.25	21.31	21.28	22.3	0.0
20	16QAM	1	1	21.29	21.32	21.25		
20	64QAM	1	1	20.29	20.39	20.38		
20	256QAM	1	1	18.15	18.36	18.32		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	21.20	21.18	21.19	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	21.17	21.17	21.21	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	21.14	21.21	21.25	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	22.97	23.15	22.84		
20	PI2 BPSK	1	53	22.97	23.09	23.03		
20	PI2 BPSK	1	104	23.02	23.04	23.07	23.5	0.5
20	PI2 BPSK	50	0	22.46	22.37	22.34	23.5	0.5
20	PI2 BPSK	50	28	22.87	23.13	22.87	24.0	0.0
20	PI2 BPSK	50	58	22.46	22.39	22.44	23.5	0.5
20	PI2 BPSK	100	0	22.63	22.54	22.23	24.0	0.0
20	QPSK	1	1	23.09	23.16	23.13		
20	QPSK	1	53	22.99	23.09	23.12		
20	QPSK	1	104	22.88	23.11	22.95		
20	QPSK	50	0	22.08	22.03	22.07	23.0	1.0
20	QPSK	50	28	23.04	23.07	23.04	24.0	0.0
20	QPSK	50	58	21.93	22.01	21.80	23.0	1.0
20	QPSK	100	0	21.90	22.00	21.89	23.0	1.0
20	16QAM	1	1	21.93	22.19	22.16		
20	64QAM	1	1	20.48	20.74	20.69		
20	256QAM	1	1	18.39	18.66	18.53		
Channel				166300	167300	167300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.11	22.99	23.04	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				830	836.5	844		
10	QPSK	1	1	23.11	23.12	22.93	24.0	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.98	22.97	23.06	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				504000	507000	510000	19.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.68	18.69	18.61		
40	PI2 BPSK	1	135	18.68	18.69	18.55		
40	PI2 BPSK	1	268	18.81	18.68	18.62	19.8	0.0
40	PI2 BPSK	135	0	18.56	18.69	18.87	19.8	0.0
40	PI2 BPSK	135	68	18.58	18.62	18.61	19.8	0.0
40	PI2 BPSK	135	135	18.60	18.59	18.56	19.8	0.0
40	PI2 BPSK	270	0	18.66	18.66	18.65	19.8	0.0
40	QPSK	1	1	18.85	18.73	18.68		
40	QPSK	1	135	18.81	18.70	18.81		
40	QPSK	1	268	18.86	18.68	18.64		
40	QPSK	135	0	18.58	18.65	18.58	19.8	0.0
40	QPSK	135	68	18.65	18.71	18.67	19.8	0.0
40	QPSK	135	135	18.64	18.61	18.69	19.8	0.0
40	QPSK	270	0	18.87	18.68	18.68	19.8	0.0
40	16QAM	1	1	18.58	18.60	18.69		
40	64QAM	1	1	18.05	18.70	18.62		
40	256QAM	1	1	18.58	18.70	18.61		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.80	18.54	18.55	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.51	18.54	18.51	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.61	18.65	18.51	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.52	18.63	18.56	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.82	18.60	18.80	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.59	18.62	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				168500	169300	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	23.14	23.28	22.94		
20	PI2 BPSK	1	53	23.11	23.18	23.12		
20	PI2 BPSK	1	104	23.17	23.10	23.20	23.5	0.5
20	PI2 BPSK	50	0	22.82	22.40	22.51		
20	PI2 BPSK	50	28	23.00	23.32	23.05	24.0	0.0
20	PI2 BPSK	50	58	22.50	22.43	22.61	23.5	0.5
20	PI2 BPSK	100	0	22.73	22.66	22.39		
20	QPSK	1	1	23.21	23.39	23.25	24.0	0.0
20	QPSK	1	53	23.12	23.15	23.20		
20	QPSK	1	104	22.93	23.30	23.08	23.0	1.0
20	QPSK	50	0	22.29	22.07	22.10		
20	QPSK	50	28	23.15	23.19	23.13	24.0	0.0
20	QPSK	50	58	22.06	22.16	21.84	23.0	1.0
20	QPSK	100	0	21.93	22.02	22.00		
20	16QAM	1	1	22.00	22.36	22.31	23.0	1.0
20	64QAM	1	1	20.87	20.87	20.74	21.5	2.5
20	256QAM	1	1	18.52	18.87	18.68	19.5	4.5
Channel				168300	169300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.20	23.26	23.17	24.0	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				117	831.5	841		
10	QPSK	1	1	23.04	23.37	23.20	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.16	23.25	23.15	24.0	0.0

n66 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	349000	22.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	20.80	20.91	20.86		
40	PI2 BPSK	1	108	20.92	20.91	20.82		
40	PI2 BPSK	1	214	20.82	20.92	20.88	22.0	0.0
40	PI2 BPSK	108	0	20.82	20.84	20.80		
40	PI2 BPSK	108	54	20.92	20.89	20.85	22.0	0.0
40	PI2 BPSK	108	108	20.89	20.92	20.91	22.0	0.0
40	PI2 BPSK	216	0	20.90	20.89	20.88		
40	QPSK	1	1	20.92	20.96	20.91	22.0	0.0
40	QPSK	1	108	20.81	20.84	20.83		
40	QPSK	1	214	20.91	20.92	20.87	22.0	0.0
40	QPSK	108	0	20.85	20.90	20.88		
40	QPSK	108	54	20.89	20.93	20.83	22.0	0.0
40	QPSK	108	108	20.91	20.83	20.85	22.0	0.0
40	QPSK	216	0	20.86	20.91	20.82		
40	16QAM	1	1	20.89	20.90	20.88	22.0	0.0
40	64QAM	1	1	19.61	19.91	19.85	21.5	0.5
40	256QAM	1	1	17.52	17.88	17.78	19.5	2.5
Channel				349000	349000	349000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.83	20.81	20.80	22.0	0.0
Channel				349000	349000	349000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.81	20.90	20.84	22.0	0.0
Channel				344500	349000	349000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.75	20.88	20.78	22.0	0.0
Channel				344000	349000	344000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.80	20.86	20.77	22.0	0.0
Channel				343500	349000	344500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.86	20.77	20.84	22.0	0.0
Channel				343000	349000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.76	20.87	20.77	22.0	0.0
Channel				342500	349000	345500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.86	20.89	20.84	22.0	0.0

Part27Q n78 Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	16.56	16.59	16.51	17.8	0.0
100	PI/2 BPSK	1	137	16.51	16.48	16.56	17.8	0.0
100	PI/2 BPSK	1	271	16.48	16.56	16.61	17.8	0.0
100	PI/2 BPSK	135	0	16.51	16.51	16.51	17.8	0.0
100	PI/2 BPSK	135	69	16.51	16.51	16.51	17.8	0.0
100	PI/2 BPSK	135	138	16.51	16.51	16.51	17.8	0.0
100	PI/2 BPSK	270	0	16.51	16.51	16.51	17.8	0.0
100	QPSK	1	1	16.62	16.47	16.55	17.8	0.0
100	QPSK	1	137	16.55	16.60	16.57	17.8	0.0
100	QPSK	1	271	16.55	16.57	16.57	17.8	0.0
100	QPSK	135	0	16.55	16.57	16.57	17.8	0.0
100	QPSK	135	69	16.55	16.57	16.57	17.8	0.0
100	QPSK	135	138	16.55	16.57	16.57	17.8	0.0
100	QPSK	270	0	16.55	16.57	16.57	17.8	0.0
100	16QAM	1	1	16.49	16.52	16.52	17.8	0.0
100	64QAM	1	1	16.52	16.52	16.52	17.8	0.0
100	256QAM	1	1	15.65	15.65	15.65	17.5	0.3
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.55	16.48	16.52	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.43	16.50	16.51	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.58	16.50	16.49	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.43	16.55	16.53	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.46	16.55	16.56	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.50	16.43	16.51	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.46	16.52	16.43	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.46	16.46	16.51	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	16.51	16.49	16.49	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.44	16.49	16.45	17.8	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.63			19.8	0.0
100	PI/2 BPSK	1	137	18.56				
100	PI/2 BPSK	1	271	18.54			19.8	0.0
100	PI/2 BPSK	135	0	18.57				
100	PI/2 BPSK	135	69	18.52			19.8	0.0
100	PI/2 BPSK	135	138	18.55				
100	PI/2 BPSK	270	0	18.58			19.8	0.0
100	QPSK	1	1	18.65				
100	QPSK	1	137	18.52			19.8	0.0
100	QPSK	1	271	18.58				
100	QPSK	135	0	18.54			19.8	0.0
100	QPSK	135	69	18.64				
100	QPSK	135	138	18.62			19.8	0.0
100	QPSK	270	0	18.61				
100	16QAM	1	1	18.54			19.8	0.0
100	64QAM	1	1	18.53			19.8	0.0
100	256QAM	1	1	18.55			19.5	0.3
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.58	18.59	18.53	19.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.46	18.49	18.52	19.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.55	18.51	18.55	19.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.54	18.51	18.53	19.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.47	18.50	18.47	19.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.50	18.55	18.48	19.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.48	18.47	18.51	19.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.48	18.60	18.51	19.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.53	18.59	18.55	19.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.56	18.46	18.56	19.8	0.0

Part27Q n78 Ant 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			17.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.73				
100	PI/2 BPSK	1	137	16.75				
100	PI/2 BPSK	1	271	16.72				
100	PI/2 BPSK	135	0	16.76			17.8	0.0
100	PI/2 BPSK	135	69	16.72			17.8	0.0
100	PI/2 BPSK	135	138	16.67				
100	PI/2 BPSK	270	0	16.67			17.8	0.0
100	QPSK	1	1	16.79			17.8	0.0
100	QPSK	1	137	16.71				
100	QPSK	1	271	16.69				
100	QPSK	135	0	16.77			17.8	0.0
100	QPSK	135	69	16.78			17.8	0.0
100	QPSK	135	138	16.69			17.8	0.0
100	QPSK	270	0	16.74				
100	16QAM	1	1	16.75			17.8	0.0
100	64QAM	1	1	16.67			17.8	0.0
100	256QAM	1	1	16.67			17.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.71	16.66	16.66	17.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.73	16.68	16.67	17.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.68	16.60	16.63	17.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.64	16.72	16.62	17.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.61	16.65	16.73	17.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.72	16.67	16.71	17.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.63	16.67	16.65	17.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.65	16.67	16.65	17.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.70	16.66	16.60	17.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.71	16.72	16.61	17.8	0.0

Part27Q n78 Ant 9								
BW [MHz]	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			22.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.52				
100	PI/2 BPSK	1	137	20.65				
100	PI/2 BPSK	1	271	20.71				
100	PI/2 BPSK	135	0	20.22			21.5	0.5
100	PI/2 BPSK	135	69	20.63			22.0	0.0
100	PI/2 BPSK	135	138	20.18			21.5	0.5
100	PI/2 BPSK	270	0	20.11				
100	QPSK	1	1	20.79			22.0	0.0
100	QPSK	1	137	20.66				
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.72			21.0	1.0
100	QPSK	135	69	20.75			22.0	0.0
100	QPSK	135	138	19.66			21.0	1.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			21.0	1.0
100	64QAM	1	1	18.18			19.5	2.5
100	256QAM	1	1	16.16			17.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.66	20.75	20.57	22.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.61	20.63	20.64	22.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.74	20.72	20.65	22.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.71	20.62	20.66	22.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.75	20.59	20.76	22.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.64	20.66	20.66	22.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.59	20.75	20.66	22.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.69	20.73	20.78	22.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.60	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.72	20.71	20.61	22.0	0.0

Reduced Power Mode for DS17

n5 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	Pi/2 BPSK	1	1	23.11	23.21	23.17			
20	Pi/2 BPSK	1	53	23.01	23.18	23.10	23.5	0.5	
20	Pi/2 BPSK	1	104	23.03	23.04	22.92			
20	Pi/2 BPSK	50	0	22.53	22.65	22.65		24.0	0.0
20	Pi/2 BPSK	50	28	22.97	23.14	23.15	0.5		
20	Pi/2 BPSK	50	56	22.39	22.58	22.38			
20	Pi/2 BPSK	100	0	22.54	22.63	22.52	24.0	0.0	
20	QPSK	1	1	23.23	23.25	23.24			
20	QPSK	1	53	23.14	23.15	23.00			
20	QPSK	1	104	22.92	23.07	23.08	23.0	1.0	
20	QPSK	50	0	22.01	22.19	22.20		0.0	
20	QPSK	50	28	23.11	23.13	22.97		1.0	
20	QPSK	50	56	22.00	22.12	22.13	23.0	1.0	
20	QPSK	100	0	22.15	22.17	22.10		1.0	
20	16QAM	1	1	22.17	22.36	22.16		2.5	
20	64QAM	1	1	20.82	20.86	20.86	19.5	4.5	
20	256QAM	1	1	18.85	18.87	18.80			
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.21	23.07	23.16		24.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.03	23.16	23.18		24.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.05	23.06	23.16		24.0	

n26 Ant 0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.57	23.48	23.54			
20	PI/2 BPSK	1	53	23.43	23.45	23.63	24.0	0.0	
20	PI/2 BPSK	1	104	23.57	23.64	23.41			
20	PI/2 BPSK	50	0	23.07	23.20	23.11		23.5	0.5
20	PI/2 BPSK	50	28	23.56	23.51	23.43	23.5	0.0	
20	PI/2 BPSK	50	56	23.04	23.15	23.06		0.5	
20	PI/2 BPSK	100	0	23.02	23.22	23.19			
20	QPSK	1	1	23.58	23.65	23.62	24.0	0.0	
20	QPSK	1	53	23.37	23.65	23.49			
20	QPSK	1	104	23.54	23.54	23.44			
20	QPSK	50	0	22.67	22.67	22.56	23.0	1.0	
20	QPSK	50	28	23.50	23.52	23.45	23.0	0.0	
20	QPSK	50	56	22.53	22.70	22.71		1.0	
20	QPSK	100	0	22.51	22.58	22.57		1.0	
20	16QAM	1	1	22.47	22.60	22.61	23.0	1.0	
20	64QAM	1	1	21.03	21.12	21.03	21.5	2.5	
20	256QAM	1	1	19.02	19.16	19.07	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.51	23.60	23.42		24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.54	23.47	23.44		24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.50	23.53		24.0	0.0

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	20.39	20.43	20.37		
20	PI2 BPSK	1	53	20.32	20.33	20.28	21.9	0.0
20	PI2 BPSK	1	104	20.36	20.39	20.38	21.9	0.0
20	PI2 BPSK	50	0	20.34	20.42	20.34	21.9	0.0
20	PI2 BPSK	50	28	20.43	20.40	20.38	21.9	0.0
20	PI2 BPSK	50	58	20.31	20.47	20.32	21.9	0.0
20	PI2 BPSK	100	0	20.32	20.35	20.39		
20	QPSK	1	1	20.45	20.46	20.46	21.9	0.0
20	QPSK	1	53	20.38	20.42	20.40		
20	QPSK	1	104	20.38	20.42	20.29		
20	QPSK	50	0	20.40	20.40	20.31	21.9	0.0
20	QPSK	50	28	20.45	20.47	20.43	21.9	0.0
20	QPSK	50	58	20.36	20.37	20.30	21.9	0.0
20	QPSK	100	0	20.43	20.45	20.39		
20	16QAM	1	1	20.33	20.38	20.29	21.9	0.0
20	64QAM	1	1	20.33	20.21	20.24	21.5	0.4
20	256QAM	1	1	18.88	19.06	18.93	19.5	2.4
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	20.33	20.35	20.37	21.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1905	1900	1905		
10	QPSK	1	1	20.30	20.38	20.31	21.9	0.0
Channel				375500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	20.30	20.31	20.37	21.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	21.42	21.45	21.38		
40	PI2 BPSK	1	135	21.34	21.37	21.42	22.5	0.0
40	PI2 BPSK	1	268	21.34	21.43	21.47	22.5	0.0
40	PI2 BPSK	135	0	21.38	21.45	21.45	22.5	0.0
40	PI2 BPSK	135	68	21.35	21.48	21.41	22.5	0.0
40	PI2 BPSK	135	135	21.44	21.41	21.42	22.5	0.0
40	PI2 BPSK	270	0	21.39	21.37	21.42		
40	QPSK	1	1	21.46	21.48	21.48	22.5	0.0
40	QPSK	1	135	21.37	21.43	21.43		
40	QPSK	1	268	21.38	21.40	21.43		
40	QPSK	135	0	21.40	21.46	21.42	22.5	0.0
40	QPSK	135	68	21.38	21.48	21.39	22.5	0.0
40	QPSK	135	135	21.43	21.40	21.45	22.5	0.0
40	QPSK	270	0	21.38	21.47	21.45		
40	16QAM	1	1	21.35	21.38	21.35	22.5	0.0
40	64QAM	1	1	21.09	20.98	21.00	21.5	1.0
40	256QAM	1	1	18.84	18.96	18.77	19.5	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.40	21.42	21.30	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.37	21.33	21.29	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	21.33	21.33	21.39	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.32	21.32	21.37	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.31	21.38	21.40	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	21.41	21.44	21.30	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				346000	348000	350000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	21.18	21.23	21.12		
40	PI2 BPSK	1	108	21.18	21.21	21.24	22.1	0.0
40	PI2 BPSK	1	214	21.22	21.24	21.20	22.1	0.0
40	PI2 BPSK	108	0	21.15	21.22	21.15	22.1	0.0
40	PI2 BPSK	108	54	21.16	21.18	21.23	22.1	0.0
40	PI2 BPSK	108	108	21.24	21.17	21.13	22.1	0.0
40	PI2 BPSK	216	0	21.24	21.25	21.12		
40	QPSK	1	1	21.22	21.26	21.26	22.1	0.0
40	QPSK	1	108	21.28	21.24	21.23	22.1	0.0
40	QPSK	1	214	21.23	21.21	21.24		
40	QPSK	108	0	21.24	21.17	21.22	22.1	0.0
40	QPSK	108	54	21.17	21.26	21.15	22.1	0.0
40	QPSK	108	108	21.25	21.19	21.23	22.1	0.0
40	QPSK	216	0	21.14	21.21	21.13		
40	16QAM	1	1	21.19	21.24	21.21	22.1	0.0
40	64QAM	1	1	20.89	20.88	20.79	21.5	0.6
40	256QAM	1	1	18.47	18.57	18.37	19.5	2.6
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.21	21.14	21.09	22.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.14	21.15	21.15	22.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.14	21.14	21.14	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.18	21.26	21.14	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.21	21.12	21.16	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.20	21.23	21.16	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.17	21.20	21.17	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	18.4	0.0
Frequency (MHz)				1860	1880	1900		
20	PI2 BPSK	1	1	16.93	16.90	16.89		
20	PI2 BPSK	1	53	16.82	17.00	17.03		
20	PI2 BPSK	1	104	16.82	16.86	16.98	18.4	0.0
20	PI2 BPSK	50	0	16.90	17.03	16.83	18.4	0.0
20	PI2 BPSK	50	28	17.01	17.01	16.84	18.4	0.0
20	PI2 BPSK	50	56	16.93	17.00	16.87	18.4	0.0
20	PI2 BPSK	100	0	17.06	16.91	16.98	18.4	0.0
20	QPSK	1	1	16.97	17.06	16.98	18.4	0.0
20	QPSK	1	53	16.91	17.04	16.95		
20	QPSK	1	104	16.92	16.86	16.85		
20	QPSK	50	0	16.87	16.86	16.92		
20	QPSK	50	28	16.94	17.04	17.01	18.4	0.0
20	QPSK	50	56	16.82	16.90	16.85	18.4	0.0
20	QPSK	100	0	16.90	16.95	16.92	18.4	0.0
20	16QAM	1	1	16.94	16.98	16.80	18.4	0.0
20	64QAM	1	1	17.00	17.00	16.91	18.4	0.0
20	256QAM	1	1	16.94	16.95	17.02	18.4	0.0
Channel				371500	376000	380500	18.4	0.0
Frequency (MHz)				1867.5	1880	1902.5		
15	QPSK	1	1	16.85	16.82	16.83		
Channel				371000	376000	381000	18.4	0.0
Frequency (MHz)				1865	1880	1905		
10	QPSK	1	1	16.82	16.84	16.82	18.4	0.0
Channel				375500	376000	381500	18.4	0.0
Frequency (MHz)				1862.5	1880	1907.5		
5	QPSK	1	1	16.94	16.75	16.69	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	21.4	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	20.03	20.13	20.08		
20	PI2 BPSK	1	53	20.12	20.05	20.05		
20	PI2 BPSK	1	104	20.04	20.15	20.06	21.4	0.0
20	PI2 BPSK	50	0	20.08	20.12	20.10	21.4	0.0
20	PI2 BPSK	50	28	20.08	20.08	20.02	21.4	0.0
20	PI2 BPSK	50	56	20.03	20.06	20.09	21.4	0.0
20	PI2 BPSK	100	0	20.03	20.10	20.14	21.4	0.0
20	QPSK	1	1	20.15	20.17	20.08		
20	QPSK	1	53	20.08	20.14	20.08		
20	QPSK	1	104	20.14	20.13	20.09		
20	QPSK	50	0	20.08	20.15	20.11	21.4	0.0
20	QPSK	50	28	20.08	20.08	20.05	21.4	0.0
20	QPSK	50	56	20.01	20.14	20.10	21.4	0.0
20	QPSK	100	0	20.07	20.12	20.10	21.4	0.0
20	16QAM	1	1	20.13	20.07	20.11	21.4	0.0
20	64QAM	1	1	20.13	20.13	20.12	21.4	0.0
20	256QAM	1	1	18.39	18.66	18.53	19.5	1.9
Channel				166300	167300	167300	21.4	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.02	20.01	20.10	21.4	0.0
Channel				166800	167300	168800	21.4	0.0
Frequency (MHz)				820	826.5	844		
10	QPSK	1	1	20.09	20.04	20.06	21.4	0.0
Channel				166300	167300	169300	21.4	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.01	20.01	20.02	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504500	507000	510000	15.4	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	14.25	14.26	14.21		
40	PI2 BPSK	1	135	14.19	14.28	14.19		
40	PI2 BPSK	1	268	14.19	14.26	14.28	15.4	0.0
40	PI2 BPSK	135	0	14.20	14.21	14.24	15.4	0.0
40	PI2 BPSK	135	68	14.19	14.27	14.21	15.4	0.0
40	PI2 BPSK	135	135	14.17	14.21	14.29	15.4	0.0
40	PI2 BPSK	270	0	14.27	14.19	14.25	15.4	0.0
40	QPSK	1	1	14.27	14.30	14.24		
40	QPSK	1	135	14.23	14.26	14.23		
40	QPSK	1	268	14.27	14.17	14.29		
40	QPSK	135	0	14.27	14.27	14.25	15.4	0.0
40	QPSK	135	68	14.19	14.28	14.25	15.4	0.0
40	QPSK	135	135	14.16	14.25	14.19	15.4	0.0
40	QPSK	270	0	14.22	14.26	14.18	15.4	0.0
40	16QAM	1	1	14.19	14.23	14.23	15.4	0.0
40	64QAM	1	1	14.24	14.27	14.16	15.4	0.0
40	256QAM	1	1	14.20	14.23	14.16	15.4	0.0
Channel				503000	507000	511000	15.4	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.16	14.20	14.13	15.4	0.0
Channel				502500	507000	511500	15.4	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.23	14.21	14.10	15.4	0.0
Channel				502000	507000	512000	15.4	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	14.10	14.16	14.19	15.4	0.0
Channel				501500	507000	512500	15.4	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.13	14.18	14.15	15.4	0.0
Channel				501000	507000	513000	15.4	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.15	14.24	14.22	15.4	0.0
Channel				500500	507000	513500	15.4	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.12	14.21	14.22	15.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				168300	168300	167600	21.4	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.14	20.10	20.13	21.4	0.0
20	PI/2 BPSK	1	53	20.11	20.15	20.09		
20	PI/2 BPSK	1	104	20.04	20.11	20.05	21.4	0.0
20	PI/2 BPSK	50	0	20.08	20.14	20.07	21.4	0.0
20	PI/2 BPSK	50	28	20.10	20.12	20.08	21.4	0.0
20	PI/2 BPSK	50	56	20.05	20.08	20.03	21.4	0.0
20	PI/2 BPSK	100	0	20.12	20.05	20.03	21.4	0.0
20	QPSK	1	1	20.13	20.18	20.15		
20	QPSK	1	53	20.15	20.06	20.09	21.4	0.0
20	QPSK	1	104	20.01	20.13	20.11		
20	QPSK	50	0	20.12	20.14	20.10	21.4	0.0
20	QPSK	50	28	20.15	20.17	20.09	21.4	0.0
20	QPSK	50	56	20.08	20.06	20.08	21.4	0.0
20	QPSK	100	0	20.05	20.15	20.08		
20	16QAM	1	1	20.08	20.15	20.03	21.4	0.0
20	64QAM	1	1	20.10	20.13	20.13	21.4	0.0
20	256QAM	1	1	18.52	18.87	18.68	19.5	1.9
Channel				167400	167300	167500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.04	20.06	20.07	21.4	0.0
Channel				163800	166300	166800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				113	831.5	841.5		
10	QPSK	1	1	20.00	20.01	19.97	21.4	0.0
Channel				163300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.00	20.07	19.97	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				345000	345000	345000	16.4	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.43	15.45	15.38	16.4	0.0
40	PI/2 BPSK	1	108	15.44	15.43	15.41		
40	PI/2 BPSK	1	214	15.41	15.37	15.34	16.4	0.0
40	PI/2 BPSK	108	0	15.33	15.42	15.44	16.4	0.0
40	PI/2 BPSK	108	54	15.33	15.40	15.32	16.4	0.0
40	PI/2 BPSK	108	108	15.43	15.45	15.43	16.4	0.0
40	PI/2 BPSK	216	0	15.31	15.43	15.31	16.4	0.0
40	QPSK	1	1	15.45	15.47	15.42		
40	QPSK	1	108	15.42	15.37	15.37	16.4	0.0
40	QPSK	1	214	15.41	15.34	15.35	16.4	0.0
40	QPSK	108	0	15.41	15.43	15.38		
40	QPSK	108	54	15.39	15.46	15.43	16.4	0.0
40	QPSK	108	108	15.35	15.37	15.34	16.4	0.0
40	QPSK	216	0	15.35	15.45	15.44		
40	16QAM	1	1	15.44	15.43	15.43	16.4	0.0
40	64QAM	1	1	15.45	15.38	15.42	16.4	0.0
40	256QAM	1	1	15.40	15.34	15.33	16.4	0.0
Channel				345000	345000	345000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.28	15.31	15.34	16.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.31	15.39	15.40	16.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.39	15.32	15.31	16.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.37	15.44	15.33	16.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.30	15.37	15.35	16.4	0.0
Channel				343000	350000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.29	15.32	15.41	16.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.28	15.32	15.39	16.4	0.0

Part27Q n78 Ant 3								
BW [MHz]	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			12.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		11.62			
100	PI/2 BPSK	1	137		11.62			
100	PI/2 BPSK	1	271		11.63			
100	PI/2 BPSK	135	0		11.59		12.8	0.0
100	PI/2 BPSK	135	69		11.59		12.8	0.0
100	PI/2 BPSK	135	138		11.64		12.8	0.0
100	PI/2 BPSK	270	0		11.66			
100	QPSK	1	1		11.67			
100	QPSK	1	137		11.59		12.8	0.0
100	QPSK	1	271		11.55			
100	QPSK	135	0		11.62		12.8	0.0
100	QPSK	135	69		11.65		12.8	0.0
100	QPSK	135	138		11.55		12.8	0.0
100	QPSK	270	0		11.63			
100	16QAM	1	1		11.62		12.8	0.0
100	64QAM	1	1		11.64		12.8	0.0
100	256QAM	1	1		11.63		12.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	11.58	11.64	11.54	12.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	11.57	11.64	11.61	12.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	11.63	11.53	11.64	12.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	11.63	11.62	11.63	12.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	11.61	11.53	11.64	12.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	11.57	11.55	11.54	12.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	11.61	11.54	11.56	12.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	11.63	11.54	11.59	12.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	11.62	11.64	11.61	12.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	11.55	11.56	11.61	12.8	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
100	PI/2 BPSK	1	1	13.55	13.61	13.64	14.3	0.0
100	PI/2 BPSK	1	137	13.61	13.64	13.57	14.3	0.0
100	PI/2 BPSK	1	271	13.64	13.57	13.58	14.3	0.0
100	PI/2 BPSK	135	0	13.57	13.58	13.66	14.3	0.0
100	PI/2 BPSK	135	69	13.58	13.66	13.57	14.3	0.0
100	PI/2 BPSK	135	138	13.66	13.57	13.69	14.3	0.0
100	PI/2 BPSK	270	0	13.57	13.69	13.68	14.3	0.0
100	QPSK	1	1	13.69	13.68	13.58	14.3	0.0
100	QPSK	1	137	13.68	13.58	13.63	14.3	0.0
100	QPSK	1	271	13.58	13.63	13.67	14.3	0.0
100	QPSK	135	0	13.63	13.67	13.62	14.3	0.0
100	QPSK	135	69	13.67	13.62	13.64	14.3	0.0
100	QPSK	135	138	13.62	13.64	13.66	14.3	0.0
100	QPSK	270	0	13.64	13.66	13.59	14.3	0.0
100	16QAM	1	1	13.66	13.59	13.66	14.3	0.0
100	64QAM	1	1	13.59	13.66	13.66	14.3	0.0
100	256QAM	1	1	13.66	13.66	13.66	14.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.55	13.59	13.64	14.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.60	13.59	13.53	14.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.60	13.65	13.55	14.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.54	13.58	13.56	14.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.61	13.64	13.54	14.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.60	13.65	13.60	14.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.54	13.57	13.64	14.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.62	13.63	13.54	14.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500.01	3542.52		
15	QPSK	1	1	13.62	13.62	13.64	14.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.62	13.62	13.53	14.3	0.0

Part27Q n78 Ant 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			14.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	13.23			14.0	0.0
100	PI/2 BPSK	1	137	13.17				
100	PI/2 BPSK	1	271	13.16			14.0	0.0
100	PI/2 BPSK	135	0	13.15				
100	PI/2 BPSK	135	69	13.19			14.0	0.0
100	PI/2 BPSK	135	138	13.25				
100	PI/2 BPSK	270	0	13.22			14.0	0.0
100	QPSK	1	1	13.26				
100	QPSK	1	137	13.24			14.0	0.0
100	QPSK	1	271	13.25				
100	QPSK	135	0	13.18			14.0	0.0
100	QPSK	135	69	13.23				
100	QPSK	135	138	13.22			14.0	0.0
100	QPSK	270	0	13.21				
100	16QAM	1	1	13.18			14.0	0.0
100	64QAM	1	1	13.13				
100	256QAM	1	1	13.17			14.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	13.19	13.11	13.16	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	13.17	13.19	13.06	14.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	13.12	13.13	13.16	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	13.09	13.07	13.07	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	13.06	13.09	13.16	14.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	13.09	13.19	13.19	14.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	13.11	13.07	13.10	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	13.11	13.08	13.14	14.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	13.13	13.20	13.14	14.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	13.09	13.11	13.14	14.0	0.0

Part27Q n78 Ant 9								
BW [MHz]	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			20.7	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	19.61				
100	PI/2 BPSK	1	137	19.58				
100	PI/2 BPSK	1	271	19.60				
100	PI/2 BPSK	135	0	19.10			20.7	0.0
100	PI/2 BPSK	135	69	19.59			20.7	0.0
100	PI/2 BPSK	135	138	19.17			20.7	0.0
100	PI/2 BPSK	270	0	19.12				
100	QPSK	1	1	19.62			20.7	0.0
100	QPSK	1	137	19.57				
100	QPSK	1	271	19.62				
100	QPSK	135	0	19.73			20.7	0.0
100	QPSK	135	69	19.65			20.7	0.0
100	QPSK	135	138	19.64			20.7	0.0
100	QPSK	270	0	19.72				
100	16QAM	1	1	19.71			20.7	0.0
100	64QAM	1	1	18.18			19.5	1.2
100	256QAM	1	1	16.16			17.5	3.2
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.60	19.62	19.46	20.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.65	19.51	19.51	20.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.73	19.57	19.48	20.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.55	19.55	19.44	20.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.51	19.45	19.64	20.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.64	19.41	19.55	20.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.56	19.59	19.55	20.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.56	19.62	19.55	20.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.63	19.40	19.48	20.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.59	19.61	19.61	20.7	0.0

Full & Default Other_Path									
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2630	2635	2640			
40	PI2 BPSK	1	1	23.33	23.28	23.13	24.0	0.0	
40	PI2 BPSK	1	135	23.38	23.26	23.05			
40	PI2 BPSK	1	268	23.00	23.21	23.12			
40	PI2 BPSK	135	0	22.37	22.56	22.52	23.5	0.5	
40	PI2 BPSK	135	68	23.01	23.32	23.21	24.0	0.0	
40	PI2 BPSK	135	135	22.35	22.86	22.83	23.5	0.5	
40	PI2 BPSK	270	0	22.59	22.82	22.40			
40	QPSK	1	1	23.30	23.45	23.19			
40	QPSK	1	135	23.16	23.11	23.22	24.0	0.0	
40	QPSK	1	268	23.13	23.19	23.02	23.0	1.0	
40	QPSK	135	0	22.07	22.39	22.05			
40	QPSK	135	68	22.88	23.23	22.98			
40	QPSK	135	135	21.97	22.09	22.31	23.0	1.0	
40	QPSK	270	0	22.20	22.26	22.09			
40	16QAM	1	1	22.41	22.17	22.20	23.0	1.0	
40	64QAM	1	1	20.85	20.77	20.87	21.5	2.5	
40	256QAM	1	1	18.69	18.75	18.59	19.5	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615	2635	2655			
30	QPSK	1	1	23.34	23.30	23.09	24.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2612.5	2635	2657.5			
25	QPSK	1	1	23.27	23.27	23.16	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2610	2635	2660			
20	PI2 BPSK	1	1	23.33	23.30	23.15	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2607.5	2635	2662.5			
15	QPSK	1	1	23.42	23.19	23.23	#REF!	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605	2635	2665			
10	QPSK	1	1	23.33	23.35	23.05	24.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2602.5	2635	2667.5			
5	QPSK	1	1	23.44	23.16	23.10	24.0	0.0	

n7 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	24.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	22.83	23.06	22.71	24.0	0.0	
40	PI2 BPSK	1	135	22.90	22.87	22.81			
40	PI2 BPSK	1	268	22.81	22.97	22.90	23.5	0.5	
40	PI2 BPSK	135	0	22.33	22.21	22.20			
40	PI2 BPSK	135	68	22.82	23.14	22.85	24.0	0.0	
40	PI2 BPSK	135	135	22.21	22.32	22.31			
40	PI2 BPSK	270	0	22.55	22.34	21.93	23.5	0.5	
40	QPSK	1	1	22.85	23.20	22.94			
40	QPSK	1	135	22.90	22.83	23.08	24.0	0.0	
40	QPSK	1	268	22.81	23.05	22.82			
40	QPSK	135	0	21.95	22.01	21.97	23.0	1.0	
40	QPSK	135	68	22.81	23.03	22.97			
40	QPSK	135	135	21.77	21.72	21.74	23.0	1.0	
40	QPSK	270	0	21.80	21.97	21.81			
40	16QAM	1	1	21.95	22.16	22.07	23.0	1.0	
40	64QAM	1	1	20.37	20.75	20.68		2.5	
40	256QAM	1	1	18.27	18.58	18.29	19.5	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	24.0	0.0	
30	QPSK	1	1	23.00	22.98	22.85			
Channel				502600	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	24.0	0.0	
25	QPSK	1	1	22.85	23.15	22.77			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	24.0	0.0	
20	PI2 BPSK	1	1	22.85	22.98	22.83			
Channel				501600	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.0	0.0	
15	QPSK	1	1	22.97	23.10	22.84			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.0	0.0	
10	QPSK	1	1	22.87	23.12	22.99			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.0	0.0	
5	QPSK	1	1	22.83	23.01	22.83			

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			24.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	23.31			24.0	0.0
100	PI/2 BPSK	1	137	23.15				
100	PI/2 BPSK	1	271	23.34			23.5	0.5
100	PI/2 BPSK	135	0	22.82				
100	PI/2 BPSK	135	69	23.33			24.0	0.0
100	PI/2 BPSK	135	138	22.79				
100	PI/2 BPSK	270	0	22.86			23.5	0.5
100	QPSK	1	1	23.36				
100	QPSK	1	137	23.20			24.0	0.0
100	QPSK	1	271	23.20				
100	QPSK	135	0	22.97			23.0	1.0
100	QPSK	135	69	23.22				
100	QPSK	135	138	22.22			24.0	1.0
100	QPSK	270	0	22.38				
100	16QAM	1	1	22.13			23.0	1.0
100	64QAM	1	1	20.48				
100	256QAM	1	1	18.61			19.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	23.01	23.21	23.04	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	23.06	23.17	23.21	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	23.20	23.29	23.05	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	23.10	23.26	23.05	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	23.20	23.15	23.17	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	23.00	23.33	23.18	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	23.19	23.28	23.23	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	23.00	23.28	23.23	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.00	23.34	23.09	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.99	23.29	23.19	24.0	0.0

Reduced Power Mode for DS12 Other_Path									
n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2620	2635	2650			
40	PI2 BPSK	1	1	23.36	23.28	23.13	24.0	0.0	
40	PI2 BPSK	1	135	23.38	23.26	23.05			
40	PI2 BPSK	1	268	23.00	23.21	23.12			
40	PI2 BPSK	135	0	22.37	22.56	22.52	23.5	0.5	
40	PI2 BPSK	135	68	23.01	23.32	23.21	24.0	0.0	
40	PI2 BPSK	135	135	22.35	22.86	22.83	23.5	0.5	
40	PI2 BPSK	270	0	22.59	22.82	22.40			
40	QPSK	1	1	23.30	23.45	23.19			
40	QPSK	1	135	23.16	23.11	23.22	24.0	0.0	
40	QPSK	1	268	23.13	23.19	23.02	23.0	1.0	
40	QPSK	135	0	22.07	22.39	22.05			
40	QPSK	135	68	22.88	23.23	22.98			
40	QPSK	135	135	21.97	22.09	22.31	23.0	1.0	
40	QPSK	270	0	22.20	22.26	22.09			
40	16QAM	1	1	22.41	22.17	22.20	23.0	1.0	
40	64QAM	1	1	20.85	20.77	20.87	21.5	2.5	
40	256QAM	1	1	18.69	18.75	18.59	19.5	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615	2635	2655			
30	QPSK	1	1	23.34	23.30	23.09	24.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2612.5	2635	2657.5			
25	QPSK	1	1	23.27	23.27	23.16	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2610	2635	2660			
20	PI2 BPSK	1	1	23.33	23.30	23.15	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2607.5	2635	2662.5			
15	QPSK	1	1	23.42	23.19	23.23	#REF!	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605	2635	2665			
10	QPSK	1	1	23.33	23.35	23.05	24.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2602.5	2635	2667.5			
5	QPSK	1	1	23.44	23.16	23.10	24.0	0.0	

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	18.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.04	18.01	18.00	18.8	0.0
40	PI2 BPSK	1	135	17.87	18.11	17.81		
40	PI2 BPSK	1	268	18.06	18.16	17.96	18.8	0.0
40	PI2 BPSK	135	0	17.98	18.09	18.00		
40	PI2 BPSK	135	68	18.06	18.11	17.89	18.8	0.0
40	PI2 BPSK	135	135	18.02	18.09	17.81		
40	PI2 BPSK	270	0	18.07	18.03	17.93	18.8	0.0
40	QPSK	1	1	18.13	18.20	18.08		
40	QPSK	1	135	18.05	18.19	17.90	18.8	0.0
40	QPSK	1	268	18.03	18.02	17.94		
40	QPSK	135	0	18.12	18.14	18.10	18.8	0.0
40	QPSK	135	68	17.85	18.19	17.82		
40	QPSK	135	135	18.07	18.12	17.84	18.8	0.0
40	QPSK	270	0	18.04	18.16	17.88		
40	16QAM	1	1	17.99	18.13	17.89	18.8	0.0
40	64QAM	1	1	17.99	18.10	17.88		
40	256QAM	1	1	18.05	17.97	17.96	18.8	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555	18.8	0.0
30	QPSK	1	1	17.86	18.00	18.02		
Channel				502500	507000	511500	18.8	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.88	18.02	18.03	18.8	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560	18.8	0.0
20	PI2 BPSK	1	1	17.86	18.06	17.93		
Channel				501500	507000	512500	18.8	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.98	17.95	18.02	18.8	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	18.8	0.0
10	QPSK	1	1	17.86	17.95	17.97		
Channel				500500	507000	513500	18.8	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.99	17.95	18.01	18.8	0.0
Channel				500000	507000	514000		
Frequency (MHz)				2500	2535	2570		

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.21	15.26	15.23	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.18	15.24	15.26	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.19	15.23	15.24	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.22	15.23	15.18	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.14	15.14	15.12	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.24	15.26	15.25	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.15	15.20	15.23	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.18	15.24	15.23	16.5	0.0
Channel				630600	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.19	15.18	15.20	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.17	15.21	15.16	16.5	0.0

Reduced Power Mode for DS13 Other_Path									
n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)					2630	2650			
40	PI2 BPSK	1	1	22.06	22.16	22.09	23.5	0.0	
40	PI2 BPSK	1	135	22.07	22.16	21.98			
40	PI2 BPSK	1	268	22.10	22.29	22.09			
40	PI2 BPSK	135	0	22.00	22.28	22.08	23.5	0.0	
40	PI2 BPSK	135	68	22.03	22.28	22.03	23.5	0.0	
40	PI2 BPSK	135	135	22.03	22.33	21.99	23.5	0.0	
40	PI2 BPSK	270	0	22.14	22.22	21.92			
40	QPSK	1	1	22.19	22.35	22.09			
40	QPSK	1	135	22.12	22.30	22.03	23.5	0.0	
40	QPSK	1	268	22.20	22.26	22.02	23.0	0.5	
40	QPSK	135	0	22.19	22.16	22.02			
40	QPSK	135	68	21.98	22.22	21.92			
40	QPSK	135	135	22.19	22.14	22.10	23.0	0.5	
40	QPSK	270	0	22.03	22.16	21.97			
40	16QAM	1	1	22.15	22.31	21.96	23.0	0.5	
40	64QAM	1	1	20.95	20.77	20.87	21.5	2.0	
40	256QAM	1	1	18.69	18.75	18.59	19.5	4.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615	2635	2655			
30	QPSK	1	1	22.06	22.32	21.93	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2613.5	2635	2657.5	23.5	0.0	
25	QPSK	1	1	22.12	22.19	22.07			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2610	2635	2660			
20	PI2 BPSK	1	1	22.13	22.16	22.02	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2607.5	2635	2662.5	23.5	0.0	
15	QPSK	1	1	22.00	22.34	22.02			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605	2635	2665			
10	QPSK	1	1	22.08	22.30	21.93	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2602.5	2635	2667.5	23.5	0.0	
5	QPSK	1	1	22.07	22.29	22.03			

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	16.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	15.29	15.09	15.19		
40	PI2 BPSK	1	135	15.34	15.37	15.67		
40	PI2 BPSK	1	268	15.00	15.55	14.96	16.8	0.0
40	PI2 BPSK	135	0	15.34	15.07	15.22		
40	PI2 BPSK	135	68	15.40	15.29	15.64		
40	PI2 BPSK	135	135	14.82	15.43	15.07		
40	PI2 BPSK	270	0	15.24	15.55	15.32	16.8	0.0
40	QPSK	1	1	15.33	15.75	15.34		
40	QPSK	1	135	15.45	15.43	15.65		
40	QPSK	1	268	15.08	15.60	15.06		
40	QPSK	135	0	15.20	15.38	15.15	16.8	0.0
40	QPSK	135	68	15.40	15.63	15.56		
40	QPSK	135	135	14.91	15.58	15.03		
40	QPSK	270	0	15.29	15.55	15.25		
40	16QAM	1	1	15.36	15.42	15.53	16.8	0.0
40	64QAM	1	1	15.01	15.52	14.94		
40	256QAM	1	1	15.23	15.57	15.12		
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.13	15.66	15.22	16.8	0.0
Channel				502600	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.22	15.71	15.14	16.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	15.16	15.53	15.32	16.8	0.0
Channel				501600	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.29	15.63	15.25	16.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.23	15.61	15.20	16.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.32	15.54	15.32	16.8	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			16.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.34			16.5	0.0
100	PI/2 BPSK	1	137	15.29				
100	PI/2 BPSK	1	271	15.27			16.5	0.0
100	PI/2 BPSK	135	0	15.40				
100	PI/2 BPSK	135	69	15.39			16.5	0.0
100	PI/2 BPSK	135	138	15.27				
100	PI/2 BPSK	270	0	15.26			16.5	0.0
100	QPSK	1	1	15.48				
100	QPSK	1	137	15.34			16.5	0.0
100	QPSK	1	271	15.32				
100	QPSK	135	0	15.41			16.5	0.0
100	QPSK	135	69	15.44				
100	QPSK	135	138	15.43			16.5	0.0
100	QPSK	270	0	15.20				
100	16QAM	1	1	15.33			16.5	0.0
100	64QAM	1	1	15.39				
100	256QAM	1	1	15.42			16.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	15.39	15.35	15.32	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	16.5	0.0
80	QPSK	1	1	15.29	15.46	15.35		
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	16.5	0.0
70	QPSK	1	1	15.32	15.46	15.44		
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	16.5	0.0
60	QPSK	1	1	15.47	15.41	15.39		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	16.5	0.0
50	QPSK	1	1	15.30	15.43	15.36		
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	16.5	0.0
40	QPSK	1	1	15.47	15.41	15.44		
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	16.5	0.0
30	QPSK	1	1	15.30	15.44	15.26		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	16.5	0.0
20	QPSK	1	1	15.36	15.27	15.40		
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	16.5	0.0
15	QPSK	1	1	15.37	15.44	15.36		
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	16.5	0.0
10	QPSK	1	1	15.33	15.40	15.41		

Reduced Power Mode for DS16 Other_Path									
n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq. 504000	Power Middle Ch./ Freq. 507000	Power High Ch./ Freq. 510000	Tune-up limit (dbm)	MPR (db)	
Channel				2650	2635	2650			
Frequency (MHz)				2650	2635	2650			
40	PV2 BPSK	1	1	21.40	21.34	21.30	22.5	0.0	
40	PV2 BPSK	1	135	21.30	21.39	21.28			
40	PV2 BPSK	1	268	21.29	21.33	21.40			
40	PV2 BPSK	135	0	21.37	21.33	21.38	22.5	0.0	
40	PV2 BPSK	135	68	21.29	21.39	21.29	22.5	0.0	
40	PV2 BPSK	135	135	21.37	21.37	21.35	22.5	0.0	
40	PV2 BPSK	270	0	21.33	21.37	21.33			
40	QPSK	1	1	21.31	21.45	21.38			
40	QPSK	1	135	21.29	21.40	21.37	22.5	0.0	
40	QPSK	1	268	21.39	21.32	21.36	22.5	0.0	
40	QPSK	135	0	21.39	21.42	21.36			
40	QPSK	135	68	21.33	21.43	21.32			
40	QPSK	135	135	21.33	21.40	21.39	22.5	0.0	
40	QPSK	270	0	21.41	21.42	21.40			
40	16QAM	1	1	21.34	21.35	21.41	22.5	0.0	
40	64QAM	1	1	20.85	20.77	20.87	21.5	1.0	
40	256QAM	1	1	18.69	18.75	18.59	19.5	3.0	
Channel				503000	507000	511000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2615	2635	2655			
30	QPSK	1	1	21.32	21.35	21.26	22.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2612.5	2635	2627.5			
25	QPSK	1	1	21.23	21.25	21.34	22.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2610	2635	2660			
20	PV2 BPSK	1	1	21.24	21.37	21.26	22.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2607.5	2635	2662.5			
15	QPSK	1	1	21.33	21.34	21.27	#REF!	0.0	
Channel				501000	507000	513000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2505	2635	2665			
10	QPSK	1	1	21.29	21.30	21.31	22.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2502.5	2635	2667.5			
5	QPSK	1	1	21.23	21.29	21.29	22.5	0.0	

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	19.8	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	18.65	18.63	18.61	19.8	0.0
40	PI2 BPSK	1	135	18.70	18.73	18.74		
40	PI2 BPSK	1	268	18.81	18.74	18.64	19.8	0.0
40	PI2 BPSK	135	0	18.84	18.68	18.74		
40	PI2 BPSK	135	68	18.73	18.68	18.61	19.8	0.0
40	PI2 BPSK	135	135	18.66	18.67	18.75		
40	PI2 BPSK	270	0	18.61	18.65	18.74	19.8	0.0
40	QPSK	1	1	18.67	18.76	18.63		
40	QPSK	1	135	18.88	18.73	18.74	19.8	0.0
40	QPSK	1	268	18.63	18.66	18.71		
40	QPSK	135	0	18.71	18.67	18.69	19.8	0.0
40	QPSK	135	68	18.71	18.74	18.68		
40	QPSK	135	135	18.88	18.64	18.63	19.8	0.0
40	QPSK	270	0	18.67	18.73	18.71		
40	16QAM	1	1	18.63	18.64	18.70	19.8	0.0
40	64QAM	1	1	18.66	18.74	18.69		
40	256QAM	1	1	18.68	18.64	18.74	19.5	0.3
Channel				503000	507000	511000	19.8	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.63	18.56	19.8	0.0
Channel				502600	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5	19.8	0.0
25	QPSK	1	1	18.58	18.71	18.60		
Channel				502000	507000	512000	19.8	0.0
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	18.68	18.61	18.59	19.8	0.0
Channel				501600	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5	19.8	0.0
15	QPSK	1	1	18.65	18.60	18.56		
Channel				501000	507000	513000	19.8	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	18.67	18.50	19.8	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5	19.8	0.0
5	QPSK	1	1	18.67	18.70	18.62		

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			19.8	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.34			19.8	0.0
100	PI/2 BPSK	1	137	18.33				
100	PI/2 BPSK	1	271	18.30			19.8	0.0
100	PI/2 BPSK	135	0	18.38				
100	PI/2 BPSK	135	69	18.33			19.8	0.0
100	PI/2 BPSK	135	138	18.38				
100	PI/2 BPSK	270	0	18.38			19.8	0.0
100	QPSK	1	1	18.46				
100	QPSK	1	137	18.41			19.8	0.0
100	QPSK	1	271	18.43				
100	QPSK	135	0	18.31			19.8	0.0
100	QPSK	135	69	18.45				
100	QPSK	135	138	18.35			19.8	0.0
100	QPSK	270	0	18.41				
100	16QAM	1	1	18.34			19.8	0.0
100	64QAM	1	1	18.36				
100	256QAM	1	1	18.42			19.5	0.3
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	18.27	18.33	18.25	19.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	19.8	0.0
80	QPSK	1	1	18.29	18.28	18.32	19.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01	19.8	0.0
70	QPSK	1	1	18.25	18.31	18.31	19.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02	19.8	0.0
60	QPSK	1	1	18.32	18.34	18.25	19.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	19.8	0.0
50	QPSK	1	1	18.25	18.31	18.35	19.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01	19.8	0.0
40	QPSK	1	1	18.31	18.36	18.33	19.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02	19.8	0.0
30	QPSK	1	1	18.25	18.34	18.31	19.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	19.8	0.0
20	QPSK	1	1	18.31	18.36	18.35	19.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	19.8	0.0
15	QPSK	1	1	18.24	18.26	18.35	19.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01	19.8	0.0
10	QPSK	1	1	18.35	18.27	18.24	19.8	0.0

Reduced Power Mode for DS17 Other_Path									
n7 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2650	2635	2650			
40	PI2 BPSK	1	1	21.31	21.38	21.31	22.5	0.0	
40	PI2 BPSK	1	135	21.37	21.33	21.26			
40	PI2 BPSK	1	268	21.38	21.35	21.31			
40	PI2 BPSK	135	0	21.32	21.37	21.31	22.5	0.0	
40	PI2 BPSK	135	68	21.27	21.39	21.27	22.5	0.0	
40	PI2 BPSK	135	135	21.36	21.39	21.29	22.5	0.0	
40	PI2 BPSK	270	0	21.26	21.35	21.32	22.5	0.0	
40	QPSK	1	1	21.29	21.43	21.36			
40	QPSK	1	135	21.31	21.31	21.29			
40	QPSK	1	268	21.29	21.33	21.38	22.5	0.0	
40	QPSK	135	0	21.35	21.38	21.38			
40	QPSK	135	68	21.31	21.41	21.38			
40	QPSK	135	135	21.28	21.35	21.25	22.5	0.0	
40	QPSK	270	0	21.28	21.39	21.35	22.5	0.0	
40	16QAM	1	1	21.37	21.38	21.27			
40	64QAM	1	1	20.85	20.77	20.87			
40	256QAM	1	1	18.69	18.75	18.59	19.5	3.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2615 <th>2635<th>2655<th colspan="3"></th></th></th>	2635 <th>2655<th colspan="3"></th></th>	2655 <th colspan="3"></th>			
30	QPSK	1	1	21.30	21.36	21.24	22.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2612.5 <th>2635<th>2617.5<th colspan="3"></th></th></th>	2635 <th>2617.5<th colspan="3"></th></th>	2617.5 <th colspan="3"></th>			
25	QPSK	1	1	21.28	21.28	21.30	22.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2610 <th>2635<th>2660<th colspan="3"></th></th></th>	2635 <th>2660<th colspan="3"></th></th>	2660 <th colspan="3"></th>			
20	PI2 BPSK	1	1	21.27	21.32	21.32	22.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2607.5 <th>2635<th>2662.5<th colspan="3"></th></th></th>	2635 <th>2662.5<th colspan="3"></th></th>	2662.5 <th colspan="3"></th>			
15	QPSK	1	1	21.31	21.30	21.21	#REF!	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2605 <th>2635<th>2665<th colspan="3"></th></th></th>	2635 <th>2665<th colspan="3"></th></th>	2665 <th colspan="3"></th>			
10	QPSK	1	1	21.27	21.31	21.32	22.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2602.5 <th>2635<th>2667.5<th colspan="3"></th></th></th>	2635 <th>2667.5<th colspan="3"></th></th>	2667.5 <th colspan="3"></th>			
5	QPSK	1	1	21.33	21.36	21.26	22.5	0.0	

n7 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	15.4	0.0
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	14.09	14.11	14.19	15.4	0.0
40	PI2 BPSK	1	135	14.19	14.09	14.18		
40	PI2 BPSK	1	268	14.08	14.20	14.09	15.4	0.0
40	PI2 BPSK	135	0	14.12	14.19	14.16		
40	PI2 BPSK	135	68	14.07	14.08	14.08	15.4	0.0
40	PI2 BPSK	135	135	14.14	14.16	14.15		
40	PI2 BPSK	270	0	14.08	14.15	14.16	15.4	0.0
40	QPSK	1	1	14.08	14.21	14.05		
40	QPSK	1	135	14.14	14.16	14.05	15.4	0.0
40	QPSK	1	268	14.18	14.09	14.05		
40	QPSK	135	0	14.05	14.15	14.18	15.4	0.0
40	QPSK	135	68	14.17	14.19	14.11		
40	QPSK	135	135	14.08	14.16	14.16	15.4	0.0
40	QPSK	270	0	14.07	14.17	14.05		
40	16QAM	1	1	14.06	14.18	14.06	15.4	0.0
40	64QAM	1	1	14.12	14.07	14.05		
40	256QAM	1	1	14.18	14.19	14.08	15.4	0.0
Channel				503000	507000	510000		
Frequency (MHz)				2515	2535	2555	15.4	0.0
30	QPSK	1	1	14.09	14.09	14.04		
Channel				502500	507000	511500	15.4	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.03	14.07	14.06	15.4	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560	15.4	0.0
20	PI2 BPSK	1	1	14.14	14.08	14.14		
Channel				501500	507000	512500	15.4	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.10	14.10	14.01	15.4	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565	15.4	0.0
10	QPSK	1	1	14.02	14.06	14.10		
Channel				500500	507000	513500	15.4	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.14	14.08	14.09	15.4	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.23	13.32	13.31	14.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.24	13.28	13.25	14.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.31	13.19	13.28	14.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.24	13.28	13.33	14.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.28	13.21	13.25	14.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.30	13.27	13.24	14.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.25	13.19	13.31	14.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.29	13.24	13.30	14.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.20	13.20	13.31	14.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.31	13.20	13.32	14.3	0.0

Full & Default Other_PA

n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.34	23.29	23.27	24.0	0.0	
20	PI/2 BPSK	1	51	23.32	23.39	23.07			
20	PI/2 BPSK	1	104	23.20	23.32	23.30	23.5	0.5	
20	PI/2 BPSK	50	0	22.65	22.80	22.84			
20	PI/2 BPSK	50	28	23.35	23.27	23.37	23.5	0.5	
20	PI/2 BPSK	100	0	22.77	22.78	22.69			
20	QPSK	1	1	23.40	23.45	23.45	24.0	0.0	
20	QPSK	1	53	23.28	23.37	23.22			
20	QPSK	1	104	23.30	23.45	23.16	23.0	1.0	
20	QPSK	50	0	22.23	22.32	22.30			
20	QPSK	50	28	23.10	23.35	23.14	23.0	1.0	
20	QPSK	50	56	22.11	22.22	22.21			
20	QPSK	100	0	22.23	22.29	22.27	23.0	1.0	
20	16QAM	1	1	22.47	22.43	22.32		2.5	
20	64QAM	1	1	20.98	20.89	20.83			
20	256QAM	1	1	18.67	18.68	18.89	19.5	4.5	
Channel				375000	376000	380000			
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0	
15	QPSK	1	1	23.28	23.39	23.29			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1860	1903			
10	QPSK	1	1	23.39	23.38	23.32	24.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0	
5	QPSK	1	1	23.28	23.37	23.43			

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.96	22.93	22.74	24.0	0.0	
40	PI/2 BPSK	1	108	22.90	22.75	22.77			
40	PI/2 BPSK	1	214	22.45	22.62	22.62	23.5	0.5	
40	PI/2 BPSK	108	0	22.19	22.29	22.20			
40	PI/2 BPSK	108	54	22.84	22.82	22.72	23.5	0.5	
40	PI/2 BPSK	108	108	22.03	22.49	22.24			
40	PI/2 BPSK	216	0	22.33	22.32	22.20	24.0	0.0	
40	QPSK	1	1	22.02	22.08	23.01			
40	QPSK	1	108	22.78	22.78	22.90	23.0	1.0	
40	QPSK	1	214	22.67	22.94	22.85			
40	QPSK	108	0	21.83	21.75	21.84	23.0	1.0	
40	QPSK	108	54	22.42	22.75	22.58			
40	QPSK	108	108	21.78	21.66	21.83	23.0	1.0	
40	QPSK	216	0	21.83	21.85	21.73			
40	16QAM	1	1	21.91	21.98	21.91	21.5	2.5	
40	64QAM	1	1	20.52	20.58	20.69			
40	256QAM	1	1	18.32	18.34	18.28	19.5	4.5	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0	
35	QPSK	1	1	23.04	22.75	22.89			
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1765			
30	QPSK	1	1	22.85	22.89	22.71	24.0	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0	
25	QPSK	1	1	22.98	22.85	22.85			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.04	22.78	22.77	24.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0	
15	QPSK	1	1	22.92	22.90	22.79			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.85	22.94	22.74	24.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0	
5	QPSK	1	1	22.85	22.80	22.80			

n2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	24.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.00	23.25	23.05	24.0	0.0	
20	PI/2 BPSK	1	53	23.24	23.13	23.22			
20	PI/2 BPSK	1	104	23.22	23.18	22.97			
20	PI/2 BPSK	50	0	22.62	22.51	22.27	23.5	0.5	
20	PI/2 BPSK	50	28	23.13	23.04	23.01	24.0	0.0	
20	PI/2 BPSK	50	56	22.61	22.68	22.44	23.5	0.5	
20	PI/2 BPSK	100	0	22.66	22.61	22.42	24.0	0.0	
20	QPSK	1	1	23.25	23.31	23.08			
20	QPSK	1	53	22.93	23.16	23.13			
20	QPSK	1	104	23.12	23.26	23.02	23.0	1.0	
20	QPSK	50	0	21.97	22.10	22.01			
20	QPSK	50	28	23.11	23.16	23.10			
20	QPSK	50	56	21.97	21.98	22.02	23.0	1.0	
20	QPSK	100	0	22.10	22.13	21.91	23.0	1.0	
20	16QAM	1	1	22.18	22.34	22.18			
20	64QAM	1	1	20.75	20.83	20.84	21.5	2.5	
20	256QAM	1	1	18.52	18.84	18.62	19.5	4.5	
Channel				376000	380000	384000	24.0	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0	
15	QPSK	1	1	23.12	23.17	22.91	24.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1905	1880	1905	24.0 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	23.05	23.29	23.09	24.0	0.0	
Channel				370500	375000	381500	24.0	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0	
5	QPSK	1	1	23.23	23.20	22.91	24.0	0.0	

n66 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	24.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.66	22.79	22.70	24.0	0.0	
40	PI/2 BPSK	1	108	22.52	22.75	22.63			
40	PI/2 BPSK	1	214	22.57	22.42	22.80			
40	PI/2 BPSK	108	0	22.52	22.43	22.42	23.5	0.5	
40	PI/2 BPSK	108	54	22.53	22.81	22.52	24.0	0.0	
40	PI/2 BPSK	108	108	22.45	22.22	22.12	23.5	0.5	
40	QPSK	216	0	22.28	22.35	22.06	24.0	0.0	
40	QPSK	1	1	22.95	23.00	22.88			
40	QPSK	1	108	22.87	22.61	22.91			
40	QPSK	1	214	22.89	22.78	22.82	23.0	1.0	
40	QPSK	108	0	22.14	22.06	22.10			
40	QPSK	108	54	22.58	22.67	22.49			
40	QPSK	108	108	21.56	21.60	22.17	23.0	1.0	
40	QPSK	216	0	22.01	22.05	21.48	23.0	1.0	
40	16QAM	1	1	21.52	21.79	21.74			
40	64QAM	1	1	20.23	20.44	20.42	21.5	2.5	
40	256QAM	1	1	18.00	18.28	18.22	19.5	4.5	
Channel				345500	349000	352500	24.0	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	22.64	22.64	22.71	24.0	0.0	
Channel				345000	349000	353000	24.0	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.67	22.24	22.74	24.0	0.0	
Channel				344500	349000	353500	24.0	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	22.62	22.72	22.82	24.0	0.0	
Channel				344000	349000	354000	24.0	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.76	22.58	22.93	24.0	0.0	
Channel				343500	349000	354500	24.0	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.72	22.59	22.83	24.0	0.0	
Channel				343000	349000	355000	24.0	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.82	22.66	22.92	24.0	0.0	
Channel				342500	349000	355500	24.0	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.81	22.75	22.71	24.0	0.0	

Reduced Power Mode for DS12 Other_PA

n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.34	23.29	23.27	24.0	0.0	
20	PI/2 BPSK	1	51	23.32	23.39	23.07			
20	PI/2 BPSK	1	104	23.20	23.32	23.30	23.5	0.5	
20	PI/2 BPSK	50	0	22.65	22.80	22.84			
20	PI/2 BPSK	50	28	23.35	23.27	23.37	23.5	0.5	
20	PI/2 BPSK	100	0	22.77	22.78	22.69			
20	QPSK	1	1	23.40	23.45	23.45	24.0	0.0	
20	QPSK	1	53	23.28	23.37	23.22			
20	QPSK	1	104	23.30	23.45	23.16	23.0	1.0	
20	QPSK	50	0	22.23	22.32	22.30			
20	QPSK	50	28	23.10	23.35	23.14	23.0	1.0	
20	QPSK	50	56	22.11	22.22	22.21			
20	QPSK	100	0	22.23	22.29	22.27	23.0	1.0	
20	16QAM	1	1	22.47	22.43	22.32		23.0	
20	64QAM	1	1	20.98	20.89	20.83		21.5	
20	256QAM	1	1	18.67	18.68	18.89	19.5	4.5	
Channel				375000	376000	380000			
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0	
15	QPSK	1	1	23.28	23.39	23.29		24.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1860	1903			
10	QPSK	1	1	23.39	23.38	23.32	24.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0	
5	QPSK	1	1	23.28	23.37	23.43		24.0	

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	22.96	22.93	22.74	24.0	0.0	
40	PI/2 BPSK	1	108	22.90	22.75	22.77			
40	PI/2 BPSK	1	214	22.45	22.92	22.62	23.5	0.5	
40	PI/2 BPSK	108	0	22.19	22.29	22.20			
40	PI/2 BPSK	108	54	22.84	22.82	22.72	23.5	0.5	
40	PI/2 BPSK	108	108	22.03	22.49	22.24			
40	PI/2 BPSK	216	0	22.33	22.32	22.20	24.0	0.0	
40	QPSK	1	1	22.02	22.08	23.01			
40	QPSK	1	108	22.78	22.78	22.90	23.0	1.0	
40	QPSK	1	214	22.67	22.94	22.85			
40	QPSK	108	0	21.83	21.75	21.84	23.0	1.0	
40	QPSK	108	54	22.42	22.75	22.58			
40	QPSK	108	108	21.78	21.66	21.83	23.0	1.0	
40	QPSK	216	0	21.83	21.85	21.73			
40	16QAM	1	1	21.91	21.98	21.91	21.5	2.5	
40	64QAM	1	1	20.52	20.58	20.69			
40	256QAM	1	1	18.32	18.34	18.28	19.5	4.5	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0	
35	QPSK	1	1	23.04	22.75	22.89		24.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1765			
30	QPSK	1	1	22.85	22.89	22.71	24.0	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0	
25	QPSK	1	1	22.98	22.85	22.85		24.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.04	22.78	22.77	24.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0	
15	QPSK	1	1	22.92	22.90	22.79		24.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.85	22.94	22.74	24.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1772.5	24.0	0.0	
5	QPSK	1	1	22.85	22.80	22.80		24.0	

n2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	19.53	19.48	19.50	20.2	0.0	
20	PI/2 BPSK	1	53	19.56	19.54	19.46			
20	PI/2 BPSK	1	104	19.52	19.57	19.53			
20	PI/2 BPSK	50	0	19.54	19.56	19.53	20.2	0.0	
20	PI/2 BPSK	50	28	19.49	19.59	19.49	20.2	0.0	
20	PI/2 BPSK	50	56	19.50	19.49	19.58	20.2	0.0	
20	PI/2 BPSK	100	0	19.54	19.52	19.59	20.2	0.0	
20	QPSK	1	1	19.47	19.61	19.49			
20	QPSK	1	53	19.51	19.51	19.52			
20	QPSK	1	104	19.50	19.52	19.47	20.2	0.0	
20	QPSK	50	0	19.53	19.53	19.56			
20	QPSK	50	28	19.53	19.58	19.55			
20	QPSK	80	56	19.52	19.52	19.47	20.2	0.0	
20	QPSK	100	0	19.47	19.57	19.47	20.2	0.0	
20	16QAM	1	1	19.54	19.50	19.57			
20	64QAM	1	1	19.57	19.52	19.59			
20	256QAM	1	1	18.52	18.84	18.62	19.5	0.7	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	20.2	0.0	
15	QPSK	1	1	19.42	19.47	19.43	20.2	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1935	1960	1985	20.2	0.0	
10	QPSK	1	1	19.44	19.52	19.49	20.2	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	20.2	0.0	
5	QPSK	1	1	19.47	19.45	19.43	20.2	0.0	

n66 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				348000	349000	350000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	18.63	18.50	18.53	19.4	0.0	
40	PI/2 BPSK	1	108	18.49	18.45	18.53			
40	PI/2 BPSK	1	214	18.62	18.71	18.44			
40	PI/2 BPSK	108	0	18.50	18.46	18.59	19.4	0.0	
40	PI/2 BPSK	108	54	18.55	18.47	18.50	19.4	0.0	
40	PI/2 BPSK	108	108	18.44	18.75	18.62	19.4	0.0	
40	PI/2 BPSK	216	0	18.56	18.52	18.53	19.4	0.0	
40	QPSK	1	1	18.69	18.78	18.71			
40	QPSK	1	108	18.65	18.59	18.68			
40	QPSK	1	214	18.45	18.54	18.47	19.4	0.0	
40	QPSK	108	0	18.43	18.72	18.68			
40	QPSK	108	54	18.68	18.76	18.57			
40	QPSK	108	108	18.42	18.72	18.63	19.4	0.0	
40	QPSK	216	0	18.64	18.75	18.61	19.4	0.0	
40	16QAM	1	1	18.37	18.67	18.57			
40	64QAM	1	1	18.44	18.62	18.68			
40	256QAM	1	1	18.00	18.28	18.22	19.4	0.0	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	19.4 <td colspan="2">0.0</td>	0.0	
35	QPSK	1	1	18.47	18.51	18.46	19.4	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.4 <td colspan="2">0.0</td>	0.0	
30	QPSK	1	1	18.42	18.52	18.56	19.4	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	19.4 <td colspan="2">0.0</td>	0.0	
25	QPSK	1	1	18.48	18.55	18.45	19.4	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.4 <td colspan="2">0.0</td>	0.0	
20	QPSK	1	1	18.46	18.54	18.45	19.4	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.4 <td colspan="2">0.0</td>	0.0	
15	QPSK	1	1	18.42	18.45	18.44	19.4	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.4 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	18.51	18.47	18.48	19.4	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.4 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	18.53	18.42	18.53	19.4	0.0	

Reduced Power Mode for DSI3 Other_PA

n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.24	22.36	22.46	23.5	0.0	
20	PI/2 BPSK	1	51	22.31	22.22	22.35			
20	PI/2 BPSK	1	104	22.19	22.23	22.29			
20	PI/2 BPSK	50	0	22.29	22.24	22.43	23.0	0.5	
20	PI/2 BPSK	50	28	22.35	22.40	22.31	23.5	0.0	
20	PI/2 BPSK	50	56	22.17	22.22	22.49	23.0	0.5	
20	PI/2 BPSK	100	0	22.22	22.23	22.30	23.5	0.0	
20	QPSK	1	1	22.49	22.55	22.47			
20	QPSK	1	53	22.11	22.35	22.48			
20	QPSK	1	104	22.28	22.23	22.46	23.0	0.5	
20	QPSK	50	0	22.23	22.32	22.30			
20	QPSK	50	28	22.31	22.52	22.50	23.5	0.0	
20	QPSK	50	56	22.15	22.10	22.21	23.0	0.5	
20	QPSK	100	0	22.19	22.35	22.27	23.0	0.5	
20	16QAM	1	1	22.27	22.26	22.32			
20	64QAM	1	1	20.96	20.89	20.83	21.5	2.0	
20	256QAM	1	1	18.67	18.66	18.89	19.5	4.0	
Channel				375000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.25	22.31	22.36		23.5	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1860	1900	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.29	22.30	22.45		23.5	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.16	22.25	22.44		23.5	

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	21.76	22.00	21.84	23.0	0.0	
40	PI/2 BPSK	1	108	21.84	21.84	21.78			
40	PI/2 BPSK	1	214	21.96	21.98	21.79			
40	PI/2 BPSK	108	0	21.89	21.99	21.89	23.0	0.0	
40	PI/2 BPSK	108	54	21.93	21.95	21.90	23.0	0.0	
40	PI/2 BPSK	108	108	21.76	22.02	21.80	23.0	0.0	
40	PI/2 BPSK	216	0	21.89	21.87	21.82	23.0	0.0	
40	QPSK	1	1	21.94	22.03	21.97			
40	QPSK	1	108	21.78	21.94	21.97			
40	QPSK	1	214	21.91	21.92	21.89	23.0	0.0	
40	QPSK	108	0	21.75	21.92	21.80			
40	QPSK	108	54	21.82	22.01	21.78	23.0	0.0	
40	QPSK	108	108	21.85	22.00	21.83	23.0	0.0	
40	QPSK	216	0	21.89	21.98	21.96	23.0	0.0	
40	16QAM	1	1	21.79	21.86	21.78			
40	64QAM	1	1	20.52	20.58	20.69	21.5	1.5	
40	256QAM	1	1	18.32	18.34	18.28	19.5	3.5	
Channel				345500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	21.73	22.05	21.89		24.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.75	21.86	21.89		23.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	21.86	21.96	21.86	23.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.77	22.00	21.88		23.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.95	21.84	21.92	23.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.76	21.82	21.88	23.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	21.83	21.92	21.85	23.0	0.0	

n2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	19.4	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	17.99	18.15	18.06	19.4	0.0	
20	PI2 BPSK	1	53	18.12	18.03	17.91			
20	PI2 BPSK	1	104	17.99	18.01	17.91	19.4	0.0	
20	PI2 BPSK	50	0	18.02	18.06	17.90			
20	PI2 BPSK	50	28	18.12	18.20	18.11	19.4	0.0	
20	PI2 BPSK	50	56	18.16	18.01	17.96			
20	PI2 BPSK	100	0	17.96	18.05	18.04	19.4	0.0	
20	QPSK	1	1	18.16	18.21	18.10			
20	QPSK	1	53	18.03	18.08	18.08	19.4	0.0	
20	QPSK	1	104	17.96	18.05	18.12			
20	QPSK	50	0	18.02	18.00	18.05	19.4	0.0	
20	QPSK	50	28	18.17	18.20	18.09			
20	QPSK	80	56	18.01	18.00	18.05	19.4	0.0	
20	QPSK	100	0	17.98	18.11	17.93			
20	16QAM	1	1	18.00	18.04	17.97	19.4	0.0	
20	64QAM	1	1	18.00	18.11	18.05			
20	256QAM	1	1	18.06	18.02	18.05	19.4	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5	19.4		
15	QPSK	1	1	18.13	18.07	17.95	19.4	MPR	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905	19.4		
10	QPSK	1	1	18.04	18.10	18.10	19.4	0.0	
Channel				370500	375000	381500			
Frequency (MHz)				1852.5	1880	1907.5	19.4		
5	QPSK	1	1	18.07	18.20	18.04	19.4		

n66 Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 344000 / 1730	Power Middle Ch / Freq 349000 / 1745	Power High Ch / Freq 350000 / 1760	Tune-up limit (dBm)	MPR (dB)		
Channel				1730	1745	1760				
40	PI/2 BPSK	1	1	16.82	17.02	16.89	17.8	0.0		
40	PI/2 BPSK	1	108	16.93	17.05	16.81				
40	PI/2 BPSK	1	214	16.91	16.83	16.93	17.8	0.0		
40	PI/2 BPSK	108	0	16.88	16.92	16.94				
40	PI/2 BPSK	108	54	16.80	16.91	16.89	17.8	0.0		
40	PI/2 BPSK	108	108	16.85	16.99	16.91				
40	PI/2 BPSK	216	0	16.85	16.86	16.81	17.8	0.0		
40	QPSK	1	1	17.01	17.07	16.95				
40	QPSK	1	108	16.97	16.93	16.81	17.8	0.0		
40	QPSK	1	214	16.93	17.05	16.85				
40	QPSK	108	0	16.90	16.98	16.86	17.8	0.0		
40	QPSK	108	54	17.00	17.02	16.96				
40	QPSK	108	108	16.95	16.90	16.95	17.8	0.0		
40	QPSK	216	0	16.84	16.94	16.78				
40	16QAM	1	1	16.95	16.84	16.82	17.8	0.0		
40	64QAM	1	1	16.80	16.85	16.81				
40	256QAM	1	1	16.81	16.98	16.86	17.8	0.0		
Channel				345500 / 1722.5	349000 / 1745	352500 / 1762.5				Tune-up limit (dBm)
35	QPSK	1	1	16.87	17.05	16.91	17.8	0.0		
Channel				345000 / 1725	349000 / 1745	353000 / 1765				Tune-up limit (dBm)
30	QPSK	1	1	16.83	16.87	16.82	17.8	0.0		
Channel				344500 / 1722.5	349000 / 1745	353500 / 1767.5				Tune-up limit (dBm)
25	QPSK	1	1	16.80	16.86	16.77	17.8	0.0		
Channel				344000 / 1720	349000 / 1745	354000 / 1770				Tune-up limit (dBm)
20	QPSK	1	1	16.82	16.97	16.93	17.8	0.0		
Channel				343500 / 1717.5	349000 / 1745	354500 / 1772.5				Tune-up limit (dBm)
15	QPSK	1	1	16.80	16.83	16.83	17.8	0.0		
Channel				343000 / 1715	349000 / 1745	355000 / 1775				Tune-up limit (dBm)
10	QPSK	1	1	17.00	16.88	16.81	17.8	0.0		
Channel				342500 / 1712.5	349000 / 1745	355500 / 1777.5				Tune-up limit (dBm)
5	QPSK	1	1	16.87	17.00	16.73	17.8			0.0

Reduced Power Mode for DSI6 Other_PA

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.24	22.36	22.46	23.4	0.0
20	PI/2 BPSK	1	51	22.31	22.22	22.35		
20	PI/2 BPSK	1	104	22.19	22.23	22.29		
20	PI/2 BPSK	50	0	22.29	22.24	22.43	23.4	0.0
20	PI/2 BPSK	50	28	22.35	22.40	22.31	23.4	0.0
20	PI/2 BPSK	50	56	22.17	22.22	22.49	23.4	0.0
20	PI/2 BPSK	100	0	22.22	22.23	22.30	23.4	0.0
20	QPSK	1	1	22.49	22.55	22.47	23.4	0.0
20	QPSK	1	53	22.11	22.35	22.48		
20	QPSK	1	104	22.28	22.23	22.46		
20	QPSK	50	0	22.23	22.32	22.30	23.0	0.4
20	QPSK	50	28	22.31	22.52	22.50	23.4	0.0
20	QPSK	50	56	22.15	22.10	22.21	23.0	0.4
20	QPSK	100	0	22.19	22.35	22.27	23.0	0.4
20	16QAM	1	1	22.27	22.26	22.32	23.0	0.4
20	64QAM	1	1	20.98	20.89	20.83	21.5	1.9
20	256QAM	1	1	18.67	18.68	18.89	19.5	3.5
Channel				375000	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.25	22.31	22.36		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1860	1903	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.29	22.30	22.45		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.16	22.25	22.44		

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.96	22.93	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.90	22.75	22.77		
40	PI/2 BPSK	1	214	22.45	22.92	22.82		
40	PI/2 BPSK	108	0	22.19	22.29	22.20	23.5	0.5
40	PI/2 BPSK	108	54	22.84	22.82	22.72	24.0	0.0
40	PI/2 BPSK	108	108	22.03	22.49	22.24	23.5	0.5
40	PI/2 BPSK	216	0	22.33	22.52	22.20	24.0	0.0
40	QPSK	1	1	23.02	23.08	23.01		
40	QPSK	1	108	22.78	22.78	22.90		
40	QPSK	1	214	22.87	22.94	22.85	23.0	1.0
40	QPSK	108	0	21.83	21.75	21.84		
40	QPSK	108	54	22.42	22.75	22.58		
40	QPSK	108	108	21.78	21.66	21.83	23.0	1.0
40	QPSK	216	0	21.83	21.85	21.73	23.0	1.0
40	16QAM	1	1	21.91	21.96	21.91		
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	23.04	22.75	22.89		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722	1745	1765	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.85	22.89	22.71		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.98	22.85	22.85		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.04	22.78	22.77		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.92	22.90	22.79		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.85	22.94	22.74		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.85	22.80	22.80		

n2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	21.31	21.35	21.29	22.3	0.0	
20	PI/2 BPSK	1	53	21.24	21.28	21.23			
20	PI/2 BPSK	1	104	21.35	21.27	21.32			
20	PI/2 BPSK	50	0	21.27	21.35	21.32	22.3	0.0	
20	PI/2 BPSK	50	28	21.28	21.27	21.28	22.3	0.0	
20	PI/2 BPSK	50	56	21.24	21.35	21.33	22.3	0.0	
20	PI/2 BPSK	100	0	21.32	21.29	21.35			
20	QPSK	1	1	21.24	21.37	21.30	22.3	0.0	
20	QPSK	1	53	21.30	21.28	21.23			
20	QPSK	1	104	21.25	21.28	21.34			
20	QPSK	50	0	21.32	21.32	21.25	22.3	0.0	
20	QPSK	50	28	21.23	21.38	21.30	22.3	0.0	
20	QPSK	80	56	21.25	21.29	21.32	22.3	0.0	
20	QPSK	100	0	21.31	21.33	21.26			
20	16QAM	1	1	21.29	21.34	21.28	22.3	0.0	
20	64QAM	1	1	20.75	20.83	20.84	21.5	0.8	
20	256QAM	1	1	18.52	18.84	18.62	19.5	2.8	
Channel				376000	380000	384000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	22.3	0.0	
15	QPSK	1	1	21.30	21.22	21.17	22.3	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1905	1880	1905	22.3 <td colspan="2">0.0</td>	0.0	
10	QPSK	1	1	21.20	21.21	21.27	22.3	0.0	
Channel				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	22.3 <td colspan="2">0.0</td>	0.0	
5	QPSK	1	1	21.26	21.28	21.23	22.3	0.0	

n66 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				348000	349000	350000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	20.87	20.93	20.96	22.0	0.0	
40	PI/2 BPSK	1	108	20.85	20.91	20.87			
40	PI/2 BPSK	1	214	20.87	20.89	20.94			
40	PI/2 BPSK	108	0	20.83	21.01	20.98	22.0	0.0	
40	PI/2 BPSK	108	54	20.91	20.98	20.93	22.0	0.0	
40	PI/2 BPSK	108	108	20.83	20.96	20.91	22.0	0.0	
40	PI/2 BPSK	216	0	20.95	20.94	20.85			
40	QPSK	1	1	20.92	21.02	20.88	22.0	0.0	
40	QPSK	1	108	20.87	20.95	20.91			
40	QPSK	1	214	20.89	20.88	20.83			
40	QPSK	108	0	20.89	20.97	20.91	22.0	0.0	
40	QPSK	108	54	20.88	20.98	20.91	22.0	0.0	
40	QPSK	108	108	20.85	20.92	20.92	22.0	0.0	
40	QPSK	216	0	20.91	20.95	20.83			
40	16QAM	1	1	20.96	20.94	20.95	22.0	0.0	
40	64QAM	1	1	20.23	20.44	20.42	21.5	0.5	
40	256QAM	1	1	18.00	18.28	18.22	19.5	2.5	
Channel				347250	348000	350500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	22.0	0.0	
35	QPSK	1	1	20.89	20.96	20.83	22.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	22.0	0.0	
30	QPSK	1	1	20.81	20.87	20.83	22.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	22.0	0.0	
25	QPSK	1	1	20.89	20.85	20.87	22.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	22.0	0.0	
20	QPSK	1	1	20.90	20.89	20.84	22.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	22.0	0.0	
15	QPSK	1	1	20.70	20.98	20.85	22.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	22.0	0.0	
10	QPSK	1	1	20.81	20.92	20.90	22.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	22.0	0.0	
5	QPSK	1	1	20.85	20.88	20.82	22.0	0.0	

Reduced Power Mode for DSI7 Other_PA

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.39	20.38	20.41	21.9	0.0
20	PI/2 BPSK	1	51	20.32	20.40	20.37		
20	PI/2 BPSK	1	104	20.42	20.34	20.43		
20	PI/2 BPSK	50	0	20.39	20.45	20.34	21.9	0.0
20	PI/2 BPSK	50	28	20.39	20.42	20.33	21.9	0.0
20	PI/2 BPSK	50	56	20.38	20.45	20.38	21.9	0.0
20	PI/2 BPSK	100	0	20.41	20.35	20.40	21.9	0.0
20	QPSK	1	1	20.33	20.46	20.35		
20	QPSK	1	53	20.35	20.44	20.38		
20	QPSK	1	104	20.42	20.44	20.37	21.9	0.0
20	QPSK	50	0	20.37	20.37	20.33		
20	QPSK	50	28	20.35	20.45	20.41		
20	QPSK	50	56	20.42	20.37	20.42	21.9	0.0
20	QPSK	100	0	20.33	20.43	20.35	21.9	0.0
20	16QAM	1	1	20.38	20.44	20.37		
20	64QAM	1	1	20.38	20.38	20.33		
20	256QAM	1	1	18.67	18.88	18.89	19.5	2.4
Channel				375000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.39	20.34	20.33		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1860	1903	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.33	20.40	20.38		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.38	20.40	20.39		

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.92	20.94	20.92	22.1	0.0
40	PI/2 BPSK	1	108	20.99	21.05	21.01		
40	PI/2 BPSK	1	214	20.95	21.01	20.93		
40	PI/2 BPSK	108	0	20.95	20.95	20.96	22.1	0.0
40	PI/2 BPSK	108	54	20.94	20.98	20.94	22.1	0.0
40	PI/2 BPSK	108	108	20.91	21.04	21.02	22.1	0.0
40	PI/2 BPSK	216	0	20.98	20.98	20.91	22.1	0.0
40	QPSK	1	1	20.95	21.05	20.93		
40	QPSK	1	108	20.98	20.92	20.93		
40	QPSK	1	214	20.92	21.01	20.96	22.1	0.0
40	QPSK	108	0	21.01	21.04	20.93		
40	QPSK	108	54	20.94	21.05	20.91		
40	QPSK	108	108	20.98	20.93	20.95	22.1	0.0
40	QPSK	216	0	20.92	21.02	20.98	22.1	0.0
40	16QAM	1	1	20.93	20.99	20.99		
40	64QAM	1	1	20.52	20.58	20.69		
40	256QAM	1	1	18.32	18.34	18.28	19.5	2.6
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	20.92	20.91	20.92		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722	1745	1765	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.90	20.90	20.98		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	20.91	20.94	20.95		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	20.91	20.91	20.93		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.93	20.95	20.88		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.90	21.00	20.89		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.98	20.94	20.88		

n2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.11	17.22	17.14	18.4	0.0	
20	PI/2 BPSK	1	53	17.16	17.15	17.13			
20	PI/2 BPSK	1	104	17.12	17.26	17.11			
20	PI/2 BPSK	50	0	17.23	17.22	17.11			
20	PI/2 BPSK	50	28	17.23	17.22	17.17	18.4	0.0	
20	PI/2 BPSK	50	56	17.13	17.24	17.13	18.4	0.0	
20	PI/2 BPSK	100	0	17.20	17.23	17.14	18.4	0.0	
20	QPSK	1	1	17.12	17.27	17.15			
20	QPSK	1	53	17.21	17.24	17.20			
20	QPSK	1	104	17.19	17.15	17.21			
20	QPSK	50	0	17.24	17.14	17.17	18.4	0.0	
20	QPSK	50	28	17.12	17.25	17.13	18.4	0.0	
20	QPSK	80	56	17.16	17.21	17.19	18.4	0.0	
20	QPSK	100	0	17.18	17.23	17.18	18.4	0.0	
20	16QAM	1	1	17.23	17.22	17.21			
20	64QAM	1	1	17.16	17.18	17.25			
20	256QAM	1	1	17.20	17.26	17.18			
Channel				376000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	18.4	0.0	
15	QPSK	1	1	17.15	17.18	17.14	18.4	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	18.4	0.0	
10	QPSK	1	1	17.16	17.19	17.14	18.4	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	18.4	0.0	
5	QPSK	1	1	17.16	17.22	17.12	18.4	0.0	

n66 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				348000	349000	350000	17.30	17.45	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	15.32	15.35	15.35	16.4	0.0	
40	PI/2 BPSK	1	108	15.28	15.32	15.33			
40	PI/2 BPSK	1	214	15.31	15.37	15.24			
40	PI/2 BPSK	108	0	15.21	15.39	15.28			
40	PI/2 BPSK	108	54	15.27	15.41	15.27	16.4	0.0	
40	PI/2 BPSK	108	108	15.27	15.42	15.25	16.4	0.0	
40	QPSK	1	1	15.22	15.45	15.34	16.4	0.0	
40	QPSK	1	108	15.25	15.38	15.32			
40	QPSK	1	214	15.34	15.36	15.23			
40	QPSK	108	0	15.24	15.40	15.31			
40	QPSK	108	54	15.32	15.42	15.21	16.4	0.0	
40	QPSK	108	108	15.35	15.35	15.34	16.4	0.0	
40	QPSK	216	0	15.25	15.39	15.31	16.4	0.0	
40	16QAM	1	1	15.27	15.40	15.25			
40	64QAM	1	1	15.28	15.32	15.33			
40	256QAM	1	1	15.32	15.35	15.26			
Channel				348500	349000	350500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	16.4	0.0	
35	QPSK	1	1	15.30	15.26	15.27	16.4	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	16.4	0.0	
30	QPSK	1	1	15.29	15.39	15.17	16.4	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	16.4	0.0	
25	QPSK	1	1	15.25	15.23	15.17	16.4	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	16.4	0.0	
20	QPSK	1	1	15.23	15.24	15.24	16.4	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5 <td>16.4</td> <td colspan="2">0.0</td>	16.4	0.0	
15	QPSK	1	1	15.23	15.32	15.27	16.4	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775 <td>16.4</td> <td colspan="2">0.0</td>	16.4	0.0	
10	QPSK	1	1	15.16	15.32	15.25	16.4	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5 <td>16.4</td> <td colspan="2">0.0</td>	16.4	0.0	
5	QPSK	1	1	15.23	15.35	15.30	16.4	0.0	

		Q1-24 Sales		Q2-24 Sales		Q3-24 Sales		Q4-24 Sales		Q1-25 Sales		Q2-25 Sales		Q3-25 Sales		Q4-25 Sales		Q1-26 Sales		Q2-26 Sales		Q3-26 Sales		Q4-26 Sales		Q1-27 Sales		Q2-27 Sales		Q3-27 Sales		Q4-27 Sales		Q1-28 Sales		Q2-28 Sales		Q3-28 Sales		Q4-28 Sales		Q1-29 Sales		Q2-29 Sales		Q3-29 Sales		Q4-29 Sales		Q1-30 Sales		Q2-30 Sales		Q3-30 Sales		Q4-30 Sales		Q1-31 Sales		Q2-31 Sales		Q3-31 Sales		Q4-31 Sales		Q1-32 Sales		Q2-32 Sales		Q3-32 Sales		Q4-32 Sales		Q1-33 Sales		Q2-33 Sales		Q3-33 Sales		Q4-33 Sales		Q1-34 Sales		Q2-34 Sales		Q3-34 Sales		Q4-34 Sales		Q1-35 Sales		Q2-35 Sales		Q3-35 Sales		Q4-35 Sales		Q1-36 Sales		Q2-36 Sales		Q3-36 Sales		Q4-36 Sales		Q1-37 Sales		Q2-37 Sales		Q3-37 Sales		Q4-37 Sales		Q1-38 Sales		Q2-38 Sales		Q3-38 Sales		Q4-38 Sales		Q1-39 Sales		Q2-39 Sales		Q3-39 Sales		Q4-39 Sales		Q1-40 Sales		Q2-40 Sales		Q3-40 Sales		Q4-40 Sales		Q1-41 Sales		Q2-41 Sales		Q3-41 Sales		Q4-41 Sales		Q1-42 Sales		Q2-42 Sales		Q3-42 Sales		Q4-42 Sales		Q1-43 Sales		Q2-43 Sales		Q3-43 Sales		Q4-43 Sales		Q1-44 Sales		Q2-44 Sales		Q3-44 Sales		Q4-44 Sales		Q1-45 Sales		Q2-45 Sales		Q3-45 Sales		Q4-45 Sales		Q1-46 Sales		Q2-46 Sales		Q3-46 Sales		Q4-46 Sales		Q1-47 Sales		Q2-47 Sales		Q3-47 Sales		Q4-47 Sales		Q1-48 Sales		Q2-48 Sales		Q3-48 Sales		Q4-48 Sales		Q1-49 Sales		Q2-49 Sales		Q3-49 Sales		Q4-49 Sales		Q1-50 Sales		Q2-50 Sales		Q3-50 Sales		Q4-50 Sales		Q1-51 Sales		Q2-51 Sales		Q3-51 Sales		Q4-51 Sales		Q1-52 Sales		Q2-52 Sales		Q3-52 Sales		Q4-52 Sales		Q1-53 Sales		Q2-53 Sales		Q3-53 Sales		Q4-53 Sales		Q1-54 Sales		Q2-54 Sales		Q3-54 Sales		Q4-54 Sales		Q1-55 Sales		Q2-55 Sales		Q3-55 Sales		Q4-55 Sales		Q1-56 Sales		Q2-56 Sales		Q3-56 Sales		Q4-56 Sales		Q1-57 Sales		Q2-57 Sales		Q3-57 Sales		Q4-57 Sales		Q1-58 Sales		Q2-58 Sales		Q3-58 Sales		Q4-58 Sales	
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		S-01 (S-01A) B-01		S-02 (S-02A) B-02		S-03 (S-03A) B-03		S-04 (S-04A) B-04		S-05 (S-05A) B-05		S-06 (S-06A) B-06		S-07 (S-07A) B-07		S-08 (S-08A) B-08		S-09 (S-09A) B-09		S-10 (S-10A) B-10		S-11 (S-11A) B-11		S-12 (S-12A) B-12		S-13 (S-13A) B-13		S-14 (S-14A) B-14		S-15 (S-15A) B-15		S-16 (S-16A) B-16		S-17 (S-17A) B-17		S-18 (S-18A) B-18		S-19 (S-19A) B-19		S-20 (S-20A) B-20		S-21 (S-21A) B-21		S-22 (S-22A) B-22		S-23 (S-23A) B-23		S-24 (S-24A) B-24		S-25 (S-25A) B-25		S-26 (S-26A) B-26		S-27 (S-27A) B-27		S-28 (S-28A) B-28		S-29 (S-29A) B-29		S-30 (S-30A) B-30		S-31 (S-31A) B-31		S-32 (S-32A) B-32		S-33 (S-33A) B-33		S-34 (S-34A) B-34		S-35 (S-35A) B-35		S-36 (S-36A) B-36		S-37 (S-37A) B-37		S-38 (S-38A) B-38		S-39 (S-39A) B-39		S-40 (S-40A) B-40		S-41 (S-41A) B-41		S-42 (S-42A) B-42		S-43 (S-43A) B-43		S-44 (S-44A) B-44		S-45 (S-45A) B-45		S-46 (S-46A) B-46		S-47 (S-47A) B-47		S-48 (S-48A) B-48		S-49 (S-49A) B-49		S-50 (S-50A) B-50		S-51 (S-51A) B-51		S-52 (S-52A) B-52		S-53 (S-53A) B-53		S-54 (S-54A) B-54		S-55 (S-55A) B-55		S-56 (S-56A) B-56		S-57 (S-57A) B-57		S-58 (S-58A) B-58		S-59 (S-59A) B-59		S-60 (S-60A) B-60		S-61 (S-61A) B-61		S-62 (S-62A) B-62		S-63 (S-63A) B-63		S-64 (S-64A) B-64		S-65 (S-65A) B-65		S-66 (S-66A) B-66		S-67 (S-67A) B-67		S-68 (S-68A) B-68		S-69 (S-69A) B-69		S-70 (S-70A) B-70		S-71 (S-71A) B-71		S-72 (S-72A) B-72		S-73 (S-73A) B-73		S-74 (S-74A) B-74		S-75 (S-75A) B-75		S-76 (S-76A) B-76		S-77 (S-77A) B-77		S-78 (S-78A) B-78		S-79 (S-79A) B-79		S-80 (S-80A) B-80		S-81 (S-81A) B-81		S-82 (S-82A) B-82		S-83 (S-83A) B-83		S-84 (S-84A) B-84		S-85 (S-85A) B-85		S-86 (S-86A) B-86		S-87 (S-87A) B-87		S-88 (S-88A) B-88		S-89 (S-89A) B-89		S-90 (S-90A) B-90		S-91 (S-91A) B-91		S-92 (S-92A) B-92		S-93 (S-93A) B-93		S-94 (S-94A) B-94		S-95 (S-95A) B-95		S-96 (S-96A) B-96		S-97 (S-97A) B-97		S-98 (S-98A) B-98		S-99 (S-99A) B-99		S-100 (S-100A) B-100		S-101 (S-101A) B-101		S-102 (S-102A) B-102		S-103 (S-103A) B-103		S-104 (S-104A) B-104		S-105 (S-105A) B-105		S-106 (S-106A) B-106		S-107 (S-1
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General		2024		2023		2022		2021		2020		2019		2018		2017		2016		2015		2014		2013		2012		2011		2010		2009		2008		2007		2006		2005		2004		2003		2002		2001		2000		1999		1998		1997		1996		1995		1994		1993		1992		1991		1990		1989		1988		1987		1986		1985		1984		1983		1982		1981		1980		1979		1978		1977		1976		1975		1974		1973		1972		1971		1970		1969		1968		1967		1966		1965		1964		1963		1962		1961		1960		1959		1958		1957		1956		1955		1954		1953		1952		1951		1950		1949		1948		1947		1946		1945		1944		1943		1942		1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930		1929		1928		1927		1926		1925		1924		1923		1922		1921		1920		1919		1918		1917		1916		1915		1914		1913		1912		1911		1910		1909		1908		1907		1906		1905		1904		1903		1902		1901		1900		1899		1898		1897		1896		1895		1894		1893		1892		1891		1890		1889		1888		1887		1886		1885		1884		1883		1882		1881		1880		1879		1878		1877		1876		1875		1874		1873		1872		1871		1870		1869		1868		1867		1866		1865		1864		1863		1862		1861		1860		1859		1858		1857		1856		1855		1854		1853		1852		1851		1850		1849		1848		1847		1846		1845		1844		1843		1842		1841		1840		1839		1838		1837		1836		1835		1834		1833		1832		1831		1830		1829		1828		1827		1826		1825		1824		1823		1822		1821		1820		1819		1818		1817		1816		1815		1814		1813		1812		1811		1810		1809		1808		1807		1806		1805		1804		1803		1802		1801		1800		1799		1798		1797		1796		1795		1794		1793		1792		1791		1790		1789		1788		1787		1786		1785		1784		1783		1782		1781		1780		1779		1778		1777		1776		1775		1774		1773		1772		1771		1770		1769		1768		1767		1766		1765		1764		1763		1762		1761		1760		1759		1758		1757		1756		1755		1754		1753		1752		1751		1750		1749		1748		1747		1746		1745		1744		1743		1742		1741		1740		1739		1738		1737		1736		1735		1734		1733		1732		1731		1730		1729		1728		1727		1726		1725		1724		1723		1722		1721		1720		1719		1718		1717		1716		1715		1714		1713		1712		1711		1710		1709		1708		1707		1706		1705		1704		1703		1702		1701		1700		1699		1698		1697		1696		1695		1694		1693		1692		1691		1690		1689		1688		1687		1686		1685	
Model	Category	Product ID	Price (USD)	Revenue (USD)	Profit (USD)	Units Sold	Market Share (%)	Customer Rating	Brand	Manufacturer	Distribution Channel	Availability	Lead Time (Days)	Weight (kg)	Dimensions (cm)	Color	Material	Finish	Warranty (Years)	Support	Training	Documentation	Compliance	Regulatory	Environmental	Safety	Health	Accessibility	Usability	Performance	Reliability	Security	Privacy	Interoperability	Scalability	Flexibility	Customization	Integration	Reporting	Analytics	Forecasting	Optimization	Automation	AI/ML	Blockchain	IoT	Cloud	Mobile	Wearable	AR/VR	Robotics	Autonomous	Edge Computing	5G	6G	Quantum	Space	Deep Space	Interplanetary	Extraterrestrial	Galactic	Universal	Transcendental	Metaphysical	Supernatural	Mystical	Esoteric	Occult	Magical	Enchanting	Spellbinding	Witchcraft	Wicca	Paganism	Druidry	Shamanism	Native American	Indigenous	Traditional	Hereditary	Family	Clan	Tribe	People	Nation	State	Country	Continent	World	Universe	Everything	Nothing	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness	Nothingness	Void	Emptiness</																																																																																																																																																																																																																

Team Data			Q1 2024 Performance				Q2 2024 Performance				Q3 2024 Performance				Q4 2024 Performance				Q1 2025 Performance				Q2 2025 Performance				Q3 2025 Performance				Q4 2025 Performance			
Team	Channel	Project A	Project B	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4	Task 1	Task 2	Task 3	Task 4			
RED TEAM	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032		
	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066		
	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100		
	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134		
	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168		
BLUE TEAM	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202		
	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236		
	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270		
	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304		
	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338		
GREEN TEAM	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1														
	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392		
	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426		
	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462		
	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496		

BT BR/EDR		ANT6	Average power (dBm)				Tune-up Limit
Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps		
BR / EDR	CH 00	2402	13.42	9.39	9.35	15.00	
	CH 39	2441	13.82	9.79	9.81	15.00	
	CH 78	2480	13.97	10.18	10.23	15.00	

BT BR/EDR		ANT8	Average power (dBm)				Tune-up Limit
Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps		
BR / EDR	CH 00	2402	13.57	9.81	9.81	15.00	
	CH 39	2441	12.92	8.87	8.86	14.50	
	CH 78	2480	13.26	9.30	9.29	15.00	

BLE_1M		ANT6	Average power (dBm)	
Mode	Channel	Frequency (MHz)		
LE	CH 00	2402	4.89	
	CH 19	2440	5.39	
	CH 39	2480	5.50	
Tune-up Limit			6.00	

BLE_1M		ANT8	Average power (dBm)	
Mode	Channel	Frequency (MHz)		
LE	CH 00	2402	5.06	
	CH 19	2440	4.15	
	CH 39	2480	5.00	
Tune-up Limit			6.00	

BLE_2M		ANT6	Average power (dBm)	
Mode	Channel	Frequency (MHz)		
LE	CH 00	2402	5.03	
	CH 19	2440	5.54	
	CH 39	2480	5.64	
Tune-up Limit			6.00	

BLE_2M		ANT8	Average power (dBm)	
Mode	Channel	Frequency (MHz)		
LE	CH 00	2402	5.07	
	CH 19	2440	4.24	
	CH 39	2480	4.98	
Tune-up Limit			6.00	