

Full&Default Power

		GSM850 Ant0 Default							
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot		32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots		28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots		27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.00
GPRS 4 Tx slots		25.86	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot		27.45	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots		24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots		22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots		21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

		GSM1900 Ant0 Default						
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
TX Channel		512	661	810		512	661	810
Frequency (MHz)		1850.2	1980	1909.8		1850.2	1980	1909.8
GSM 1 Tx slot		29.49	29.69	29.65	30.50	20.49	20.69	20.65
GPRS 1 Tx slot		29.49	29.61	29.57	30.50	20.49	20.61	20.57
GPRS 2 Tx slots		25.66	25.77	25.74	26.70	19.66	19.77	19.74
GPRS 3 Tx slots		23.77	24.06	23.88	25.00	19.51	19.80	19.62
GPRS 4 Tx slots		22.58	22.72	22.71	24.00	19.58	19.72	19.71
EDGE 1 Tx slot		25.87	26.04	25.85	26.80	16.87	17.04	16.85
EDGE 2 Tx slots		22.88	23.21	23.06	24.10	16.88	17.21	17.06
EDGE 3 Tx slots		21.74	21.89	21.86	23.10	17.48	17.63	17.60
EDGE 4 Tx slots		19.97	20.12	19.99	21.30	16.97	17.12	16.99

WCDMA II Ant0 Default					WCDMA IV Ant0 Default				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V		
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4468
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	24.28	24.41	24.35	25.50	24.26	24.39	24.21	25.50	24.07	24.20	24.13
3GPP Rel 99	RMC 12.2Kbps	24.33	24.45	24.40	25.50	24.37	24.46	24.26	25.50	24.15	24.23	24.21
3GPP Rel 6	HSDPA Subtest-1	23.22	23.38	23.25	24.00	23.32	23.37	23.20	24.00	23.10	23.27	23.23
3GPP Rel 6	HSDPA Subtest-2	23.30	23.46	23.33	24.00	23.33	23.44	23.26	24.00	23.06	23.32	23.22
3GPP Rel 6	HSDPA Subtest-3	22.84	22.97	22.90	23.50	22.87	22.95	22.78	23.50	22.63	22.88	22.81
3GPP Rel 6	HSDPA Subtest-4	22.74	22.89	22.83	23.50	22.83	22.93	22.73	23.50	22.54	22.75	22.62
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.31	23.24	24.00	23.20	23.38	23.11	24.00	22.91	23.17	23.04
3GPP Rel 8	DC-HSDPA Subtest-2	23.08	23.28	23.25	24.00	23.13	23.24	23.18	24.00	23.05	23.21	23.18
3GPP Rel 8	DC-HSDPA Subtest-3	22.67	22.81	22.74	23.50	22.71	22.77	22.66	23.50	22.58	22.81	22.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.71	22.90	22.78	23.50	22.81	22.85	22.62	23.50	22.48	22.71	22.57
3GPP Rel 6	HSUPA Subtest-1	23.31	23.43	23.34	24.00	23.35	23.41	23.26	24.00	23.21	23.41	23.38
3GPP Rel 6	HSUPA Subtest-2	21.20	21.37	21.24	22.00	21.25	21.37	21.10	22.00	21.14	21.29	21.25
3GPP Rel 6	HSUPA Subtest-3	22.24	22.33	22.20	23.00	22.25	22.34	22.10	23.00	22.22	22.45	22.36
3GPP Rel 6	HSUPA Subtest-4	21.20	21.30	21.15	22.00	21.28	21.36	21.05	22.00	21.11	21.34	21.19
3GPP Rel 6	HSUPA Subtest-5	23.30	23.44	23.39	24.00	23.36	23.45	23.25	24.00	23.15	23.37	23.30

Band 2 Ant0 Default											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	23.98	24.13	24.06	25	0			
20	QPSK	1	49	23.93	24.07	23.94					
20	QPSK	1	99	23.81	23.91	23.78					
20	QPSK	50	0	22.93	23.07	22.93	24	1			
20	QPSK	50	24	22.92	23.03	22.98					
20	QPSK	50	50	22.86	22.96	22.90					
20	QPSK	100	0	22.89	22.98	22.91	24	1			
20	16QAM	1	0	22.91	23.01	22.99					
20	16QAM	1	49	22.83	22.89	22.87					
20	16QAM	1	99	22.96	22.97	22.87	23	2			
20	16QAM	50	0	21.94	21.96	21.89					
20	16QAM	50	24	21.77	21.87	21.74					
20	16QAM	50	50	21.74	21.87	21.79	23	2			
20	16QAM	100	0	21.93	21.98	21.93					
20	16QAM	1	0	21.87	21.95	21.88					
20	16QAM	1	49	21.76	21.87	21.74	23	2			
20	16QAM	1	99	21.70	21.84	21.81					
20	16QAM	50	0	21.03	21.07	21.02					
20	16QAM	50	24	20.95	20.97	20.87	22	3			
20	16QAM	50	50	20.88	21.02	20.99					
20	16QAM	100	0	21.03	21.04	20.91					
Channel											
Frequency (MHz)				1867.5	1890	1912.5			Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.93	24.02	24.01	25	0			
15	QPSK	1	37	23.82	24.01	23.85					
15	QPSK	1	74	23.73	23.77	23.70					
15	QPSK	36	0	22.88	22.93	22.79	24	1			
15	QPSK	36	20	22.79	22.90	22.87					
15	QPSK	36	39	22.80	22.90	22.86					
15	QPSK	75	0	22.82	22.94	22.80	24	1			
15	16QAM	1	0	22.81	22.97	22.88					
15	16QAM	1	37	22.71	22.76	22.80					
15	16QAM	1	74	22.68	22.93	22.84	23	2			
15	16QAM	36	0	21.80	21.87	21.84					
15	16QAM	36	20	21.73	21.84	21.63					
15	16QAM	36	39	21.71	21.77	21.72	23	2			
15	16QAM	75	0	21.86	21.86	21.79					
15	16QAM	1	0	21.76	21.83	21.76					
15	16QAM	1	37	21.64	21.79	21.65	23	2			
15	16QAM	1	74	21.61	21.73	21.78					
15	16QAM	36	0	20.95	20.99	20.89					
15	16QAM	36	20	20.90	20.94	20.74	22	3			
15	16QAM	36	39	20.79	20.98	20.92					
15	16QAM	75	0	20.97	21.00	20.81					
Channel											
Frequency (MHz)				1865 <th>1880</th> <th>1905</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	1880	1905			Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.92	23.99	24.03	25	0			
10	QPSK	1	25	23.89	24.04	23.81					
10	QPSK	1	49	23.66	23.77	23.68					
10	QPSK	25	0	22.89	23.02	22.84	24	1			
10	QPSK	25	12	22.84	23.00	22.92					
10	QPSK	25	25	22.79	22.84	22.76					
10	QPSK	50	0	22.76	22.91	22.85	24	1			
10	16QAM	1	0	22.83	22.97	22.87					
10	16QAM	1	25	22.76	22.86	22.76					
10	16QAM	1	49	22.85	22.88	22.72	23	2			
10	16QAM	25	0	21.79	21.92	21.82					
10	16QAM	25	12	21.63	21.81	21.59					
10	16QAM	25	25	21.63	21.83	21.66	23	2			
10	16QAM	50	0	21.83	21.87	21.88					
10	16QAM	50	1	21.75	21.81	21.83					
10	16QAM	1	25	21.66	21.79	21.70	23	2			
10	16QAM	1	49	21.62	21.77	21.75					
10	16QAM	25	0	20.95	20.97	20.90					
10	16QAM	25	12	20.90	20.89	20.80	22	3			
10	16QAM	25	25	20.81	20.99	20.84					
10	16QAM	50	0	20.93	20.94	20.77					
Channel											
Frequency (MHz)				1852.5	1890	1917.5			Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.90	24.06	23.94	25	0			
5	QPSK	1	12	23.80	23.98	23.84					
5	QPSK	1	24	23.77	23.77	23.65					
5	QPSK	12	0	22.82	22.99	22.84	24	1			
5	QPSK	12	7	22.85	22.88	22.92					
5	QPSK	12	13	22.72	22.88	22.78					
5	QPSK	25	0	22.78	22.85	22.85	24	1			
5	16QAM	1	0	22.82	22.94	22.84					
5	16QAM	1	12	22.72	22.78	22.84					
5	16QAM	1	24	22.62	22.86	22.81	23	2			
5	16QAM	12	0	21.86	21.92	21.77					
5	16QAM	12	7	21.73	21.78	21.62					
5	16QAM	12	13	21.61	21.76	21.68	23	2			
5	16QAM	25	0	21.89	21.83	21.84					
5	16QAM	1	0	21.83	21.82	21.76					
5	16QAM	1	12	21.68	21.84	21.59	23	2			
5	16QAM	1	24	21.65	21.76	21.70					
5	16QAM	12	0	20.91	21.00	20.90					
5	16QAM	12	7	20.86	20.83	20.77	22	3			
5	16QAM	12	13	20.75	20.95	20.84					
5	16QAM	25	0	20.98	20.91	20.88					
Channel											
Frequency (MHz)				1861.5	1890	1918.5			Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.92	24.01	23.98	25	0			
3	QPSK	1	8	23.87	24.04	23.82					
3	QPSK	1	14	23.73	23.81	23.67					
3	QPSK	8	0	22.84	22.93	22.89	24	1			
3	QPSK	8	4	22.78	22.89	22.90					
3	QPSK	8	7	22.83	22.83	22.86					
3	QPSK	15	0	22.76	22.85	22.78	24	1			
3	16QAM	1	0	22.88	22.87	22.86					
3	16QAM	1	8	22.69	22.81	22.84					
3	16QAM	1	14	22.84	22.91	22.77	23	2			
3	16QAM	8	0	21.82	21.82	21.76					
3	16QAM	8	4	21.72	21.80	21.60					
3	16QAM	8	7	21.68	21.76	21.75	23	2			
3	16QAM	15	0	21.79	21.92	21.78					
3	16QAM	1	0	21.83	21.87	21.76					
3	16QAM	1	8	21.66	21.79	21.68	23	2			
3	16QAM	1	14	21.57	21.70	21.73					
3	16QAM	8	0	20.99	21.03	20.90					
3	16QAM	8	4	20.85	20.87	20.82	22	3			
3	16QAM	8	7	20.84	20.87	20.80					
3	16QAM	15	0	20.95	20.92	20.94					
Channel											
Frequency (MHz)				1850	1880	1909.3			Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.87	24.09	23.93	25	0			
1.4	QPSK	1	3	23.81	23.97	23.84					
1.4	QPSK	1	5	23.74	23.84	23.65					
1.4	QPSK	3	0	23.83	24.00	23.83	24	1			
1.4	QPSK	3	1	23.78	23.98	23.87					
1.4	QPSK	3	3	23.73	23.85	23.82					
1.4	QPSK	6	0	22.76	22.89	22.82	24	1			
1.4	16QAM	1	0	22.78	22.96	22.95					
1.4	16QAM	1	7	22.67	22.76	22.75					
1.4	16QAM	1	5	22.81	22.82	22.76	24	1			
1.4	16QAM	3	0	22.88	22.84	22.78					
1.4	16QAM	3	1	22.71	22.74	22.82					
1.4	16QAM	3	3	22.66	22.80	22.69	23	2			
1.4	16QAM	6	0	21.84	21.89	21.86					
1.4	16QAM	1	0	21.83	21.80	21.84					
1.4	16QAM	1	3	21.62	21.82	21.62	23	2			
1.4	16QAM	1	5	21.59	21.75	21.75					
1.4	16QAM	3	0	21.89	22.03	21.88					
1.4	16QAM	3	1	21.83	21.83	21.83	22	3			
1.4	16QAM	3	3	21.81	21.97	21.92					

Band 7 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.73	23.87	23.71	25	0	
20	QPSK	1	49	23.75	23.75	23.71			
20	QPSK	1	99	23.80	23.69	23.62			
20	QPSK	50	0	22.81	22.83	22.61			
20	QPSK	50	24	22.72	22.82	22.62	24	1	
20	QPSK	50	50	22.81	22.74	22.60			
20	QPSK	100	0	22.72	22.79	22.57			
20	16QAM	1	0	22.90	22.78	22.71			
20	16QAM	1	49	22.82	22.66	22.55	24	1	
20	16QAM	1	99	22.70	22.66	22.54			
20	16QAM	50	0	21.92	21.86	21.83			
20	16QAM	50	24	21.82	21.74	21.69			
20	16QAM	50	50	21.92	21.83	21.79	23	2	
20	16QAM	100	0	21.81	21.79	21.69			
20	64QAM	1	0	21.74	21.73	21.66			
20	64QAM	1	49	21.74	21.66	21.58			
20	64QAM	1	99	21.68	21.64	21.56	23	2	
20	64QAM	50	0	20.82	20.82	20.70			
20	64QAM	50	24	20.81	20.69	20.58			
20	64QAM	50	50	20.69	20.68	20.67			
20	64QAM	100	0	20.84	20.71	20.67			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.69	23.76	23.67	25	0	
15	QPSK	1	37	23.62	23.60	23.61			
15	QPSK	1	74	23.73	23.63	23.51			
15	QPSK	36	0	22.75	22.72	22.47			
15	QPSK	36	20	22.58	22.60	22.51	24	1	
15	QPSK	36	39	22.69	22.70	22.48			
15	QPSK	75	0	22.74	22.58	22.52			
15	16QAM	1	0	22.85	22.64	22.61			
15	16QAM	1	37	22.67	22.59	22.46	24	1	
15	16QAM	1	74	22.67	22.60	22.42			
15	16QAM	36	0	21.80	21.82	21.70			
15	16QAM	36	20	21.73	21.65	21.56			
15	16QAM	36	39	21.81	21.73	21.72	23	2	
15	16QAM	75	0	21.69	21.69	21.64			
15	64QAM	1	0	21.68	21.63	21.62			
15	64QAM	1	37	21.62	21.52	21.44			
15	64QAM	1	74	21.59	21.58	21.48	23	2	
15	64QAM	36	0	20.68	20.67	20.62			
15	64QAM	36	20	20.75	20.56	20.53			
15	64QAM	36	39	20.64	20.62	20.50			
15	64QAM	75	0	20.77	20.65	20.63			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.61	23.83	23.61	25	0	
10	QPSK	1	25	23.72	23.65	23.59			
10	QPSK	1	49	23.66	23.60	23.52			
10	QPSK	25	0	22.68	22.70	22.46			
10	QPSK	25	12	22.57	22.53	22.50	24	1	
10	QPSK	25	25	22.76	22.71	22.47			
10	QPSK	50	0	22.69	22.60	22.45			
10	16QAM	1	0	22.80	22.75	22.67			
10	16QAM	1	25	22.78	22.53	22.45	24	1	
10	16QAM	1	49	22.66	22.63	22.49			
10	16QAM	25	0	21.81	21.79	21.78			
10	16QAM	25	12	21.68	21.66	21.65			
10	16QAM	25	25	21.84	21.76	21.69	23	2	
10	16QAM	50	0	21.72	21.73	21.65			
10	64QAM	1	0	21.65	21.63	21.56			
10	64QAM	1	25	21.69	21.58	21.44			
10	64QAM	1	49	21.61	21.59	21.50	23	2	
10	64QAM	25	0	20.73	20.72	20.61			
10	64QAM	25	12	20.71	20.54	20.53			
10	64QAM	25	25	20.55	20.63	20.58			
10	64QAM	50	0	20.74	20.68	20.59			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.69	23.77	23.57	25	0	
5	QPSK	1	12	23.60	23.65	23.60			
5	QPSK	1	24	23.71	23.58	23.55			
5	QPSK	12	0	22.67	22.68	22.58			
5	QPSK	12	7	22.61	22.58	22.48	24	1	
5	QPSK	12	13	22.75	22.66	22.48			
5	QPSK	25	0	22.72	22.60	22.44			
5	16QAM	1	0	22.79	22.67	22.59			
5	16QAM	1	12	22.77	22.54	22.44	24	1	
5	16QAM	1	24	22.61	22.61	22.44			
5	16QAM	12	0	21.88	21.83	21.78			
5	16QAM	12	7	21.74	21.65	21.60			
5	16QAM	12	13	21.88	21.76	21.70	23	2	
5	16QAM	25	0	21.70	21.64	21.58			
5	64QAM	1	0	21.62	21.60	21.59			
5	64QAM	1	12	21.63	21.62	21.47			
5	64QAM	1	24	21.60	21.52	21.42	23	2	
5	64QAM	12	0	20.71	20.70	20.60			
5	64QAM	12	7	20.76	20.59	20.44			
5	64QAM	12	13	20.65	20.55	20.55			
5	64QAM	25	0	20.74	20.61	20.55			

Band 12 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.31	24.47	24.25	25.5	0	
10	QPSK	1	25	24.19	24.29	24.21			
10	QPSK	1	49	24.33	24.37	24.25			
10	QPSK	25	0	23.26	23.35	23.28			
10	QPSK	25	12	23.20	23.21	23.12	24.5	1	
10	QPSK	25	25	23.04	23.14	23.08			
10	QPSK	50	0	23.18	23.26	23.18			
10	16QAM	1	0	23.42	23.45	23.41			
10	16QAM	1	25	23.27	23.38	23.23	24.5	1	
10	16QAM	1	49	23.34	23.37	23.25			
10	16QAM	25	0	22.43	22.55	22.46			
10	16QAM	25	12	22.39	22.47	22.33			
10	16QAM	25	25	22.48	22.54	22.46	23.5	2	
10	16QAM	50	0	22.54	22.61	22.58			
10	64QAM	1	0	22.61	22.64	22.63			
10	64QAM	1	25	22.47	22.59	22.50			
10	64QAM	1	49	22.52	22.53	22.39	23.5	2	
10	64QAM	25	0	21.65	21.56	21.50			
10	64QAM	25	12	21.39	21.50	21.43			
10	64QAM	25	25	21.42	21.48	21.46			
10	64QAM	50	0	21.46	21.48	21.37			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	24.19	24.40	24.14	25.5	0	
5	QPSK	1	12	24.07	24.15	24.14			
5	QPSK	1	24	24.24	24.28	24.13			
5	QPSK	12	0	23.19	23.24	23.21			
5	QPSK	12	7	23.15	23.16	23.01	24.5	1	
5	QPSK	12	13	22.95	23.07	22.99			
5	QPSK	25	0	23.10	23.19	23.09			
5	16QAM	1	0	23.30	23.35	23.34			
5	16QAM	1	12	23.17	23.24	23.18	24.5	1	
5	16QAM	1	24	23.27	23.23	23.16			
5	16QAM	12	0	22.29	22.45	22.38			
5	16QAM	12	7	22.24	22.34	22.25			
5	16QAM	12	13	22.39	22.41	22.34	23.5	2	
5	16QAM	25	0	22.51	22.57	22.49			
5	64QAM	1	0	22.52	22.59	22.51			
5	64QAM	1	12	22.33	22.48	22.44			
5	64QAM	1	24	22.47	22.48	22.35	23.5	2	
5	64QAM	12	0	21.46	21.51	21.39			
5	64QAM	12	7	21.30	21.45	21.35			
5	64QAM	12	13	21.35	21.34	21.42			
5	64QAM	25	0	21.34	21.35	21.23			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	24.23	24.32	24.12	25.5	0	
3	QPSK	1	8	24.05	24.19	24.09			
3	QPSK	1	14	24.27	24.34	24.20			
3	QPSK	8	0	23.23	23.28	23.19			
3	QPSK	8	4	23.06	23.06	23.06	24.5	1	
3	QPSK	8	7	22.94	23.02	23.03			
3	QPSK	15	0	23.14	23.15	23.07			
3	16QAM	1	0	23.27	23.37	23.35			
3	16QAM	1	8	23.13	23.29	23.09	24.5	1	
3	16QAM	1	14	23.20	23.29	23.10			
3	16QAM	8	0	22.39	22.45	22.33			
3	16QAM	8	4	22.27	22.36	22.19			
3	16QAM	8	7	22.40	22.44	22.39	23.5	2	
3	16QAM	15	0	22.40	22.53	22.49			
3	64QAM	1	0	22.56	22.54	22.59			
3	64QAM	1	8	22.34	22.47	22.43			
3	64QAM	1	14	22.47	22.43	22.35	23.5	2	
3	64QAM	8	0	21.51	21.42	21.41			
3	64QAM	8	4	21.31	21.38	21.30			
3	64QAM	8	7	21.29	21.35	21.40			
3	64QAM	15	0	21.32	21.39	21.28			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	24.20	24.34	24.22	25.5	0	
1.4	QPSK	1	3	24.15	24.16	24.16			
1.4	QPSK	1	5	24.22	24.26	24.15			
1.4	QPSK	3	0	24.18	24.20	24.25			
1.4	QPSK	3	1	24.06	24.11	23.98	24.5	1	
1.4	QPSK	3	3	23.92	24.11	24.03			
1.4	QPSK	6	0	23.15	23.21	23.03			
1.4	16QAM	1	0	23.27	23.38	23.33			
1.4	16QAM	1	3	23.23	23.28	23.15	24.5	1	
1.4	16QAM	1	5	23.29	23.28	23.13			
1.4	16QAM	3	0	23.33	23.50	23.37			
1.4	16QAM	3	1	23.29	23.39	23.23			
1.4	16QAM	3	3	23.38	23.45	23.37	23.5	2	
1.4	16QAM	6	0	22.40	22.52	22.44			
1.4	64QAM	1	0	22.55	22.54	22.53			
1.4	64QAM	1	3	22.45	22.54	22.36			
1.4	64QAM	1	5	22.46	22.48	22.26	23.5	2	
1.4	64QAM	3	0	22.43	22.42	22.35			
1.4	64QAM	3	1	22.35	22.37	22.31			
1.4	64QAM	3	3	22.38	22.36	22.39			
1.4	64QAM	6	0	21.37	21.39	21.30	22.5	3	

Band 17 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23760	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.23	24.30	24.27	25.5	0	
10	QPSK	1	25	24.21	24.32	24.27			
10	QPSK	1	49	24.16	24.20	24.15			
10	QPSK	25	0	23.35	23.42	23.28	24.5	1	
10	QPSK	25	12	23.27	23.36	23.29			
10	QPSK	25	25	23.35	23.40	23.30			
10	QPSK	50	0	23.22	23.35	23.23	24.5	1	
10	16QAM	1	0	23.31	23.38	23.27			
10	16QAM	1	25	23.28	23.29	23.14			
10	16QAM	1	49	23.20	23.32	23.31	23.5	2	
10	16QAM	25	0	22.46	22.56	22.41			
10	16QAM	25	12	22.39	22.42	22.39			
10	16QAM	25	25	22.29	22.43	22.35	23.5	2	
10	16QAM	50	0	22.42	22.48	22.44			
10	64QAM	1	0	22.56	22.61	22.54			
10	64QAM	1	25	22.47	22.52	22.45	23.5	2	
10	64QAM	1	49	22.53	22.57	22.44			
10	64QAM	25	0	21.38	21.45	21.34			
10	64QAM	25	12	21.39	21.41	21.28	22.5	3	
10	64QAM	25	25	21.37	21.39	21.38			
10	64QAM	50	0	21.48	21.55	21.44			
Channel				23765	23790	23825	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.16	24.35	24.15	25.5	0	
5	QPSK	1	12	24.18	24.25	24.19			
5	QPSK	1	24	24.07	24.15	24.09			
5	QPSK	12	0	23.21	23.37	23.24	24.5	1	
5	QPSK	12	7	23.18	23.30	23.23			
5	QPSK	12	13	23.30	23.31	23.19			
5	QPSK	25	0	23.11	23.31	23.14	24.5	1	
5	16QAM	1	0	23.22	23.29	23.14			
5	16QAM	1	12	23.22	23.24	23.11			
5	16QAM	1	24	23.17	23.19	23.22	23.5	2	
5	16QAM	12	0	22.37	22.47	22.34			
5	16QAM	12	7	22.35	22.28	22.30			
5	16QAM	12	13	22.25	22.37	22.20	23.5	2	
5	16QAM	25	0	22.39	22.34	22.35			
5	64QAM	1	0	22.47	22.49	22.50			
5	64QAM	1	12	22.35	22.42	22.34	23.5	2	
5	64QAM	1	24	22.42	22.49	22.31			
5	64QAM	12	0	21.24	21.35	21.26			
5	64QAM	12	7	21.28	21.31	21.16	22.5	3	
5	64QAM	12	13	21.32	21.25	21.30			
5	64QAM	25	0	21.40	21.42	21.31			

Band 26 Ant0 Default											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				26765	26865	26965					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	24.49	24.65	24.52	25.5	0			
15	QPSK	1	37	24.45	24.51	24.47					
15	QPSK	1	74	24.50	24.57	24.55					
15	QPSK	36	0	23.46	23.59	23.56	24.5	1			
15	QPSK	36	20	23.47	23.57	23.51					
15	QPSK	36	39	23.41	23.45	23.33					
15	16QAM	75	0	23.44	23.47	23.40	24.5	1			
15	16QAM	1	0	23.60	23.63	23.60					
15	16QAM	1	37	23.47	23.58	23.48					
15	16QAM	1	74	23.45	23.54	23.44	23.5	2			
15	16QAM	36	0	22.58	22.63	22.50					
15	16QAM	36	20	22.47	22.52	22.43					
15	16QAM	36	39	22.50	22.55	22.45	23.5	2			
15	16QAM	75	0	22.48	22.51	22.44					
15	64QAM	1	0	22.57	22.68	22.56					
15	64QAM	1	37	22.47	22.60	22.51	23.5	2			
15	64QAM	1	74	22.51	22.58	22.56					
15	64QAM	36	0	21.52	21.61	21.49					
15	64QAM	36	20	21.41	21.49	21.40	22.5	3			
15	64QAM	36	39	21.53	21.54	21.44					
15	64QAM	75	0	21.40	21.47	21.43					
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	24.40	24.59	24.44	25.5	0			
10	QPSK	1	25	24.38	24.40	24.39					
10	QPSK	1	49	24.45	24.46	24.40					
10	QPSK	25	0	23.43	23.54	23.47	24.5	1			
10	QPSK	25	12	23.39	23.48	23.38					
10	QPSK	25	25	23.37	23.34	23.29					
10	QPSK	50	0	23.38	23.40	23.33	24.5	1			
10	16QAM	1	0	23.55	23.59	23.48					
10	16QAM	1	25	23.33	23.53	23.40					
10	16QAM	1	49	23.34	23.40	23.38	23.5	2			
10	16QAM	25	0	22.48	22.51	22.47					
10	16QAM	25	12	22.43	22.46	22.41					
10	16QAM	25	25	22.43	22.44	22.31	23.5	2			
10	16QAM	50	0	22.41	22.43	22.39					
10	64QAM	1	0	22.53	22.61	22.46					
10	64QAM	1	25	22.37	22.51	22.36	23.5	2			
10	64QAM	1	49	22.43	22.46	22.49					
10	64QAM	25	0	21.45	21.47	21.39					
10	64QAM	25	12	21.32	21.42	21.35	22.5	3			
10	64QAM	25	25	21.46	21.44	21.31					
10	64QAM	50	0	21.27	21.38	21.34					
Channel				26715	26865	27015	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	24.37	24.61	24.45	25.5	0			
5	QPSK	1	12	24.31	24.46	24.32					
5	QPSK	1	24	24.39	24.49	24.44					
5	QPSK	12	0	23.34	23.51	23.50	24.5	1			
5	QPSK	12	7	23.41	23.43	23.36					
5	QPSK	12	13	23.26	23.40	23.23					
5	QPSK	25	0	23.33	23.52	23.25	24.5	1			
5	16QAM	1	0	23.51	23.57	23.54					
5	16QAM	1	12	23.41	23.43	23.36					
5	16QAM	1	24	23.34	23.41	23.29	24.5	1			
5	16QAM	12	0	22.52	22.56	22.43					
5	16QAM	12	7	22.35	22.47	22.30					
5	16QAM	12	13	22.37	22.45	22.38	23.5	2			
5	16QAM	25	0	22.43	22.36	22.43					
5	64QAM	1	0	22.52	22.60	22.52					
5	64QAM	1	12	22.41	22.46	22.45	23.5	2			
5	64QAM	1	24	22.41	22.50	22.46					
5	64QAM	12	0	21.42	21.57	21.43					
5	64QAM	12	7	21.37	21.45	21.25	22.5	3			
5	64QAM	12	13	21.40	21.44	21.37					
5	64QAM	25	0	21.29	21.39	21.31					
Channel				26705	26865	27025	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	24.40	24.60	24.40	25.5	0			
3	QPSK	1	8	24.33	24.47	24.41					
3	QPSK	1	14	24.37	24.53	24.50					
3	QPSK	8	0	23.36	23.45	23.41	24.5	1			
3	QPSK	8	4	23.41	23.43	23.44					
3	QPSK	8	7	23.28	23.42	23.19					
3	QPSK	15	0	23.41	23.41	23.35	24.5	1			
3	QPSK	15	0	23.56	23.60	23.46					
3	16QAM	1	8	23.31	23.55	23.34					
3	16QAM	1	14	23.42	23.51	23.39	23.5	2			
3	16QAM	8	0	22.44	22.58	22.43					
3	16QAM	8	4	22.35	22.37	22.39					
3	16QAM	8	7	22.44	22.46	22.41	23.5	2			
3	16QAM	15	0	22.37	22.41	22.33					
3	16QAM	15	0	22.42	22.45	22.46					
3	64QAM	1	8	22.33	22.52	22.43	23.5	2			
3	64QAM	1	8	22.33	22.52	22.43					
3	64QAM	1	14	22.47	22.52	22.50					
3	64QAM	8	0	21.43	21.47	21.38	22.5	3			
3	64QAM	8	4	21.38	21.43	21.31					
3	64QAM	8	7	21.39	21.43	21.30					
3	64QAM	15	0	21.27	21.35	21.34					
Channel				26697	26855	27033	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				814.7	830.5	845.3					
1.4	QPSK	1	0	24.45	24.56	24.40	25.5	0			
1.4	QPSK	1	3	24.35	24.40	24.30					
1.4	QPSK	1	5	24.44	24.50	24.50					
1.4	QPSK	3	0	24.38	24.53	24.51	24.5	1			
1.4	QPSK	3	1	24.35	24.45	24.43					
1.4	QPSK	3	3	24.35	24.39	24.27					
1.4	QPSK	6	0	23.38	23.40	23.29	24.5	1			
1.4	16QAM	1	0	23.46	23.58	23.55					
1.4	16QAM	1	3	23.29	23.51	23.38					
1.4	16QAM	1	5	23.39	23.44	23.33	23.5	2			
1.4	16QAM	3	0	23.48	23.49	23.38					
1.4	16QAM	3	1	23.34	23.39	23.40					
1.4	16QAM	3	3	23.39	23.42	23.35	23.5	2			
1.4	16QAM	6	0	22.37	22.45	22.37					
1.4	64QAM	1	0	22.52	22.59	22.53					
1.4	64QAM	1	3	22.35	22.50	22.40	23.5	2			
1.4	64QAM	1	5	22.45	22.40	22.44					
1.4	64QAM	3	0	22.37	22.47	22.45					
1.4	64QAM	3	1	22.35	22.37	22.33	22.5	3			
1.4	64QAM	3	3	22.39	22.42	22.38					
1.4	64QAM	6	0	21.32	21.34	21.36					

Band 38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.15	24.23	24.07			
20	QPSK	1	49	24.07	24.12	23.98	24.5	1	
20	QPSK	1	99	23.94	24.08	23.98			
20	QPSK	50	0	23.15	23.26	23.17			
20	QPSK	50	24	23.11	23.20	23.13	24.5	1	
20	QPSK	50	50	23.11	23.24	23.15			
20	QPSK	100	0	23.17	23.21	23.07			
20	16QAM	1	0	23.03	23.18	23.12	24.5	1	
20	16QAM	1	49	22.99	23.08	23.03			
20	16QAM	1	99	22.95	23.06	22.98			
20	16QAM	50	0	22.29	22.42	22.31	23.5	2	
20	16QAM	50	24	22.22	22.35	22.31			
20	16QAM	50	50	22.34	22.38	22.25			
20	16QAM	100	0	22.32	22.37	22.32	23.5	2	
20	64QAM	1	0	22.13	22.24	22.20			
20	64QAM	1	49	22.07	22.16	22.06			
20	64QAM	1	99	22.16	22.20	22.14	22.5	3	
20	64QAM	50	0	21.32	21.40	21.29			
20	64QAM	50	24	21.19	21.28	21.15			
20	64QAM	50	50	21.23	21.32	21.20	22.5	3	
20	64QAM	100	0	21.27	21.32	21.25			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	25.5	0	
15	QPSK	1	0	24.10	24.14	24.03			
15	QPSK	1	37	24.00	24.08	23.90	24.5	1	
15	QPSK	1	74	23.91	23.93	23.89			
15	QPSK	36	0	23.00	23.21	23.04			
15	QPSK	36	20	23.04	23.17	23.10	24.5	1	
15	QPSK	36	39	23.07	23.12	23.09			
15	QPSK	75	0	23.04	23.08	23.00			
15	16QAM	1	0	22.94	23.05	23.07	24.5	1	
15	16QAM	1	37	22.91	22.95	22.92			
15	16QAM	1	74	22.86	23.03	22.88			
15	16QAM	36	0	22.19	22.36	22.24	23.5	2	
15	16QAM	36	20	22.10	22.21	22.22			
15	16QAM	36	39	22.29	22.24	22.10			
15	16QAM	75	0	22.27	22.29	22.21	23.5	2	
15	64QAM	1	0	22.05	22.10	22.11			
15	64QAM	1	37	21.95	22.02	21.94			
15	64QAM	1	74	22.04	22.08	22.09	22.5	3	
15	64QAM	36	0	21.22	21.32	21.14			
15	64QAM	36	20	21.08	21.22	21.12			
15	64QAM	36	39	21.10	21.19	21.07	22.5	3	
15	64QAM	75	0	21.16	21.21	21.21			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	25.5	0	
10	QPSK	1	0	24.08	24.15	24.02			
10	QPSK	1	25	23.98	24.02	23.95	24.5	1	
10	QPSK	1	49	23.90	23.93	23.89			
10	QPSK	25	0	23.01	23.22	23.05			
10	QPSK	25	12	23.07	23.14	23.05	24.5	1	
10	QPSK	25	25	22.99	23.18	23.05			
10	QPSK	50	0	23.12	23.13	23.01			
10	16QAM	1	0	22.92	23.08	23.05	24.5	1	
10	16QAM	1	25	22.91	22.94	22.92			
10	16QAM	1	49	22.81	22.98	22.88			
10	16QAM	25	0	22.25	22.29	22.22	23.5	2	
10	16QAM	25	12	22.12	22.28	22.21			
10	16QAM	25	25	22.29	22.32	22.11			
10	16QAM	50	0	22.19	22.27	22.21	23.5	2	
10	64QAM	1	0	22.04	22.16	22.05			
10	64QAM	1	25	21.94	22.04	21.92			
10	64QAM	1	49	22.03	22.15	22.10	22.5	3	
10	64QAM	25	0	21.23	21.27	21.20			
10	64QAM	25	12	21.13	21.20	21.09			
10	64QAM	25	25	21.12	21.19	21.09	22.5	3	
10	64QAM	50	0	21.17	21.27	21.11			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	25.5	0	
5	QPSK	1	0	24.10	24.14	23.96			
5	QPSK	1	12	23.93	24.02	23.90	24.5	1	
5	QPSK	1	24	23.90	23.95	23.83			
5	QPSK	12	0	23.02	23.15	23.05			
5	QPSK	12	7	23.08	23.13	23.07	24.5	1	
5	QPSK	12	13	23.05	23.21	23.11			
5	QPSK	25	0	23.05	23.12	22.97			
5	16QAM	1	0	22.99	23.06	23.06	24.5	1	
5	16QAM	1	12	22.96	23.01	22.98			
5	16QAM	1	24	22.85	22.99	22.90			
5	16QAM	12	0	22.18	22.32	22.24	23.5	2	
5	16QAM	12	7	22.10	22.29	22.24			
5	16QAM	12	13	22.29	22.28	22.16			
5	16QAM	25	0	22.21	22.28	22.19	23.5	2	
5	64QAM	1	0	22.03	22.21	22.12			
5	64QAM	1	12	21.97	22.11	21.95			
5	64QAM	1	24	22.02	22.05	22.06	22.5	3	
5	64QAM	12	0	21.20	21.33	21.26			
5	64QAM	12	7	21.11	21.21	21.06			
5	64QAM	12	13	21.19	21.21	21.08	22.5	3	
5	64QAM	25	0	21.19	21.23	21.17			

Band 41 Ant0 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.06	24.22	24.29	24.26	24.20	24.5	1
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00		
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98		
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24	24.5	1
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.13		
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05		
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28	24.5	1
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22		
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11		
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16	23.5	2
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31		
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23		
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28	23.5	2
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29		
20	64QAM	1	0	22.13	22.16	22.23	22.10	22.10		
20	64QAM	1	49	22.08	22.13	22.18	22.14	22.01	23.5	2
20	64QAM	1	99	22.02	22.06	22.16	22.12	22.11		
20	64QAM	50	0	21.34	21.33	21.41	21.35	21.32		
20	64QAM	50	24	21.29	21.27	21.37	21.33	21.21	22.5	3
20	64QAM	50	50	21.22	21.22	21.32	21.23	21.29		
20	64QAM	100	0	21.44	21.34	21.47	21.33	21.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	26	0
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06		
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85		
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90	24.5	1
15	QPSK	36	0	23.23	23.11	23.20	23.18	23.15		
15	QPSK	36	20	23.09	23.10	23.09	23.00	23.00		
15	QPSK	36	39	22.94	23.00	23.07	22.91	23.01	24.5	1
15	QPSK	75	0	23.17	23.20	23.24	23.22	23.15		
15	16QAM	1	0	23.19	23.14	23.26	23.08	23.16		
15	16QAM	1	37	23.07	23.14	23.20	23.06	23.01	24.5	1
15	16QAM	1	74	23.04	23.09	23.12	23.10	23.12		
15	16QAM	36	0	22.26	22.26	22.41	22.29	22.28		
15	16QAM	36	20	22.23	22.12	22.34	22.30	22.18	23.5	2
15	16QAM	36	39	22.13	22.15	22.33	22.19	22.22		
15	16QAM	75	0	22.18	22.29	22.31	22.29	22.25		
15	64QAM	1	0	22.06	22.09	22.17	22.04	22.00	23.5	2
15	64QAM	1	37	22.04	22.05	22.03	22.06	21.97		
15	64QAM	1	74	21.96	22.01	22.07	22.08	21.97		
15	64QAM	36	0	21.26	21.19	21.35	21.22	21.18	22.5	3
15	64QAM	36	20	21.16	21.13	21.33	21.21	21.14		
15	64QAM	36	39	21.09	21.13	21.28	21.09	21.25		
15	64QAM	75	0	21.31	21.23	21.36	21.27	21.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	25.50	0
10	QPSK	1	0	24.01	24.09	24.16	24.22	24.10		
10	QPSK	1	25	23.89	23.86	23.96	23.85	23.96		
10	QPSK	1	49	23.88	23.84	23.94	23.87	23.89	24.5	1
10	QPSK	25	0	23.20	23.08	23.30	23.10	23.16		
10	QPSK	25	12	23.01	23.03	23.19	23.03	23.02		
10	QPSK	25	25	22.94	22.92	23.11	22.95	23.01	24.5	1
10	QPSK	50	0	23.25	23.18	23.26	23.27	23.25		
10	16QAM	1	0	23.19	23.16	23.20	23.05	23.17		
10	16QAM	1	25	23.04	23.15	23.17	23.08	22.99	24.5	1
10	16QAM	1	49	23.09	23.10	23.12	23.02	23.01		
10	16QAM	25	0	22.32	22.19	22.39	22.26	22.24		
10	16QAM	25	12	22.17	22.18	22.31	22.30	22.17	23.5	2
10	16QAM	25	25	22.17	22.22	22.26	22.20	22.13		
10	16QAM	50	0	22.24	22.28	22.34	22.33	22.16		
10	64QAM	1	0	22.05	22.08	22.12	21.98	22.01	23.5	2
10	64QAM	1	25	22.02	22.01	22.13	21.99	21.94		
10	64QAM	1	49	21.97	21.92	22.03	22.01	21.96		
10	64QAM	25	0	21.30	21.30	21.38	21.21	21.25	22.5	3
10	64QAM	25	12	21.17	21.22	21.26	21.25	21.13		
10	64QAM	25	25	21.18	21.19	21.26	21.11	21.21		
10	64QAM	50	0	21.33	21.25	21.34	21.19	21.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	25.50	0
5	QPSK	1	0	23.91	24.07	24.20	24.23	24.15		
5	QPSK	1	12	23.80	23.94	23.93	23.93	23.89		
5	QPSK	1	24	23.81	23.86	23.90	23.84	23.94	24.5	1
5	QPSK	12	0	23.19	23.16	23.29	23.16	23.09		
5	QPSK	12	7	22.99	23.04	23.14	23.04	22.96		
5	QPSK	12	13	22.94	23.01	23.07	22.91	22.91	24.5	1
5	QPSK	25	0	23.27	23.15	23.33	23.18	23.19		
5	16QAM	1	0	23.15	23.19	23.21	23.03	23.12		
5	16QAM	1	12	22.98	23.12	23.12	23.09	23.07	24.5	1
5	16QAM	1	24	23.03	23.05	23.14	23.06	23.11		
5	16QAM	12	0	22.21	22.21	22.32	22.27	22.22		
5	16QAM	12	7	22.14	22.13	22.34	22.24	22.08	23.5	2
5	16QAM	12	13	22.13	22.19	22.30	22.21	22.22		
5	16QAM	25	0	22.17	22.24	22.32	22.27	22.23		
5	64QAM	1	0	21.99	22.13	22.14	22.05	22.07	23.5	2
5	64QAM	1	12	21.95	22.01	22.05	22.06	21.94		
5	64QAM	1	24	21.98	22.03	22.13	22.07	22.05		
5	64QAM	12	0	21.23	21.21	21.34	21.32	21.20	22.5	3
5	64QAM	12	7	21.16	21.14	21.33	21.18	21.08		
5	64QAM	12	13	21.08	21.17	21.20	21.17	21.17		
5	64QAM	25	0	21.39	21.27	21.38	21.25	21.24		

GSM850 Ant1 Default							
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)		
TX Channel	128	189	251	Limit (dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16

GSM1900 Ant1 Default								
GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	561	810	Limit (dBm)	512	561	810	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.85	30.01	29.90	30.50	20.85	21.01	20.90	21.50
GPRS 1 Tx slot	29.76	29.98	29.86	30.50	20.76	20.98	20.86	21.50
GPRS 2 Tx slots	26.34	26.38	26.22	26.70	20.34	20.38	20.22	20.70
GPRS 3 Tx slots	24.21	24.29	24.15	25.00	19.95	20.03	19.89	20.74
GPRS 4 Tx slots	23.14	23.19	23.02	24.00	20.14	20.19	20.02	21.00
EDGE 1 Tx slot	26.10	26.24	26.16	26.80	17.10	17.24	17.16	17.80
EDGE 2 Tx slots	23.37	23.45	23.23	24.10	17.37	17.45	17.23	18.10
EDGE 3 Tx slots	21.76	21.97	21.84	23.00	17.50	17.71	17.58	18.74
EDGE 4 Tx slots	20.51	20.56	20.43	21.30	17.51	17.56	17.43	18.30

WCDMA II Ant1 Default					WCDMA IV Ant1 Default				WCDMA V Ant1 Default			
Brand	WCDMA II			Tune-up Limit	WCDMA IV			Tune-up Limit	WCDMA V			Tune-up Limit
TX Channel	9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel	9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4468	(dBm)
Frequency (MHz)	1852.4	1880	1907.6	(dBm)	1712.4	1732.6	1752.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99 AMR 12.2Kbps	24.37	24.48	24.31	25.50	24.60	24.72	24.51	25.50	23.93	24.09	24.06	25.50
3GPP Rel 99 RMC 12.2Kbps	24.54	24.57	24.55	25.50	24.67	24.75	24.58	25.50	24.12	24.23	24.18	25.50
3GPP Rel 6 HSDPA Subtest-1	23.48	23.53	23.39	24.00	23.63	23.73	23.51	24.00	23.10	23.22	23.15	24.00
3GPP Rel 6 HSDPA Subtest-2	23.35	23.41	23.24	24.00	23.46	23.62	23.40	24.00	22.94	23.03	22.94	24.00
3GPP Rel 6 HSDPA Subtest-3	22.90	23.03	22.87	23.50	23.09	23.20	22.97	23.50	22.50	22.72	22.59	23.50
3GPP Rel 6 HSDPA Subtest-4	22.93	22.93	22.77	23.50	23.08	23.09	22.90	23.50	22.49	22.59	22.49	23.50
3GPP Rel 8 DC-HSDPA Subtest-1	23.45	23.58	23.35	24.00	23.64	23.89	23.46	24.00	23.02	23.22	23.03	24.00
3GPP Rel 8 DC-HSDPA Subtest-2	23.48	23.43	23.27	24.00	23.63	23.53	23.38	24.00	23.13	23.06	22.94	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	22.85	23.03	22.85	23.50	22.96	23.23	23.04	23.50	22.44	22.71	22.55	23.50
3GPP Rel 8 DC-HSDPA Subtest-4	22.74	22.96	22.90	23.50	22.95	23.07	23.12	23.50	22.32	22.68	22.66	23.50
3GPP Rel 6 HSUPA Subtest-1	23.41	23.55	23.38	24.00	23.59	23.65	23.58	24.00	23.04	23.20	23.04	24.00
3GPP Rel 6 HSUPA Subtest-2	21.37	21.52	21.26	22.00	21.52	21.71	21.41	22.00	21.01	21.22	20.94	22.00
3GPP Rel 6 HSUPA Subtest-3	22.27	22.48	22.17	23.00	22.49	22.67	22.36	23.00	21.92	22.16	21.83	23.00
3GPP Rel 6 HSUPA Subtest-4	21.43	21.45	21.30	22.00	21.61	21.65	21.49	22.00	21.00	21.15	21.00	22.00
3GPP Rel 6 HSUPA Subtest-5	23.38	23.59	23.50	24.00	23.58	23.71	23.58	24.00	23.03	23.23	22.99	24.00

Band 2 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	24.17	24.17	24.17	25	0
20	QPSK	1	49	24.07	24.17	24.12		
20	QPSK	1	99	23.93	24.03	23.97		
20	QPSK	50	0	23.12	23.18	23.10		
20	QPSK	50	24	23.08	23.12	23.04	24	1
20	QPSK	50	50	22.98	23.04	22.93		
20	QPSK	100	0	22.97	23.11	23.02		
20	16QAM	1	0	23.17	23.24	23.12		
20	16QAM	1	49	23.05	23.09	22.96	24	1
20	16QAM	1	99	22.99	23.14	23.00		
20	16QAM	50	0	22.08	22.14	22.06		
20	16QAM	50	24	21.89	22.02	21.99	23	2
20	16QAM	50	50	21.94	22.05	21.96		
20	16QAM	100	0	21.97	22.04	21.93		
20	64QAM	1	0	22.10	22.23	22.14		
20	64QAM	1	49	21.99	22.13	22.00	23	2
20	64QAM	1	99	22.01	22.12	22.03		
20	64QAM	50	0	21.05	21.19	21.12		
20	64QAM	50	24	21.03	21.16	21.07	22	3
20	64QAM	50	50	20.99	21.11	21.04		
20	64QAM	100	0	21.04	21.10	21.04		
Channel								
Frequency (MHz)								
15	QPSK	1	0	23.97	24.07	24.11	25	0
15	QPSK	1	37	23.93	24.12	23.98		
15	QPSK	1	74	23.88	23.98	23.89		
15	QPSK	36	0	22.98	23.07	22.92	24	1
15	QPSK	36	20	23.02	23.07	22.92		
15	QPSK	36	39	22.93	22.97	22.84		
15	QPSK	75	0	22.89	23.01	22.89		
15	16QAM	1	0	23.08	23.18	23.02	24	1
15	16QAM	1	37	23.00	23.01	22.88		
15	16QAM	1	74	22.98	23.04	22.89		
15	16QAM	36	0	21.96	22.00	21.82	23	2
15	16QAM	36	20	21.92	21.94	21.81		
15	16QAM	36	39	21.86	21.97	21.83		
15	16QAM	75	0	21.87	21.92	21.86		
15	64QAM	1	0	22.01	22.11	22.00	23	2
15	64QAM	1	37	21.84	22.05	21.90		
15	64QAM	1	74	21.90	21.88	21.91		
15	64QAM	36	0	21.00	21.05	21.04	22	3
15	64QAM	36	20	20.93	21.09	21.02		
15	64QAM	36	39	20.91	21.03	20.88		
15	64QAM	75	0	20.96	21.01	20.92		
Channel								
Frequency (MHz)								
10	QPSK	1	0	24.08	24.08	24.06	25	0
10	QPSK	1	25	24.03	24.07	23.98		
10	QPSK	1	49	23.85	23.98	23.83		
10	QPSK	25	0	22.98	23.04	23.03	24	1
10	QPSK	25	12	22.95	23.06	22.95		
10	QPSK	25	25	22.94	22.97	22.84		
10	QPSK	50	0	22.96	23.02	22.93		
10	16QAM	1	0	23.07	23.20	23.01	24	1
10	16QAM	1	25	22.95	23.03	22.85		
10	16QAM	1	49	23.00	23.09	22.92		
10	16QAM	25	0	21.95	22.08	21.94	23	2
10	16QAM	25	12	21.76	21.89	21.84		
10	16QAM	25	25	21.90	21.90	21.91		
10	16QAM	50	0	21.90	21.94	21.89		
10	64QAM	1	0	21.96	22.16	21.85	23	2
10	64QAM	1	25	21.92	21.99	21.87		
10	64QAM	1	49	21.96	22.00	21.90		
10	64QAM	25	0	20.92	21.12	21.03	22	3
10	64QAM	25	12	20.92	21.07	21.00		
10	64QAM	25	25	20.86	21.08	20.93		
10	64QAM	50	0	20.98	21.02	20.92		
Channel								
Frequency (MHz)								
5	QPSK	1	0	24.03	24.16	24.02	25	0
5	QPSK	1	12	23.97	24.07	23.98		
5	QPSK	1	24	23.81	23.99	23.92		
5	QPSK	12	0	23.04	23.04	22.98	24	1
5	QPSK	12	7	22.99	23.07	22.95		
5	QPSK	12	13	22.92	23.00	22.83		
5	QPSK	25	0	22.88	23.05	22.97		
5	16QAM	1	0	23.03	23.11	23.01	24	1
5	16QAM	1	12	23.02	23.01	22.86		
5	16QAM	1	24	23.03	23.03	22.85		
5	16QAM	12	0	21.93	22.06	21.93	23	2
5	16QAM	12	7	21.78	21.90	21.86		
5	16QAM	12	13	21.87	21.90	21.82		
5	16QAM	25	0	21.84	21.98	21.83		
5	64QAM	1	0	21.99	22.20	22.07	23	2
5	64QAM	1	12	21.89	21.98	21.89		
5	64QAM	1	24	21.93	22.01	21.90		
5	64QAM	12	0	20.90	21.10	21.08	22	3
5	64QAM	12	7	20.95	21.02	20.95		
5	64QAM	12	13	20.86	20.98	20.97		
5	64QAM	25	0	20.91	20.98	21.01		
Channel								
Frequency (MHz)								
3	QPSK	1	0	24.01	24.10	24.11	25	0
3	QPSK	1	8	23.94	24.05	24.05		
3	QPSK	1	14	23.80	23.94	23.86		
3	QPSK	8	0	23.07	23.12	23.01	24	1
3	QPSK	8	4	23.04	23.07	22.93		
3	QPSK	8	7	22.92	22.89	22.79		
3	QPSK	15	0	22.82	23.07	22.86		
3	16QAM	1	0	23.03	23.21	23.00	24	1
3	16QAM	1	8	22.98	23.01	22.82		
3	16QAM	1	14	22.99	23.03	22.96		
3	16QAM	8	0	21.94	22.04	21.97	23	2
3	16QAM	8	4	21.85	21.99	21.86		
3	16QAM	8	7	21.82	21.90	21.81		
3	16QAM	15	0	21.85	21.98	21.83		
3	64QAM	1	0	21.98	22.13	22.02	23	2
3	64QAM	1	8	21.89	22.10	21.95		
3	64QAM	1	14	21.98	22.04	22.00		
3	64QAM	8	0	20.94	21.14	21.02	22	3
3	64QAM	8	4	20.98	21.09	21.03		
3	64QAM	8	7	20.86	21.03	20.95		
3	64QAM	15	0	20.92	20.96	21.00		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	24.00	24.10	24.02	25	0
1.4	QPSK	1	3	23.96	24.12	24.01		
1.4	QPSK	1	5	23.79	23.97	23.86		
1.4	QPSK	3	0	23.99	24.14	23.98	24	1
1.4	QPSK	3	1	23.98	24.00	23.97		
1.4	QPSK	3	3	23.86	23.99	23.89		
1.4	QPSK	6	0	22.83	23.00	22.92	24	1
1.4	16QAM	1	0	23.11	23.17	23.07		
1.4	16QAM	1	3	22.90	23.04	22.93	24	1
1.4	16QAM	1	5	22.97	23.05	22.89		
1.4	16QAM	3	0	23.02	23.00	22.92		
1.4	16QAM	3	1	22.83	22.89	22.85	23	2
1.4	16QAM	3	3	22.90	22.93	22.82		
1.4	16QAM	6	0	21.86	22.01	21.86	23	2
1.4	64QAM	1	0	22.01	22.17	22.02		
1.4	64QAM	1	3	21.89	22.10	21.86	23	2
1.4	64QAM	1	5	21.87	21.97	21.93		
1.4	64QAM	3	0	21.98	22.11	22.07	23	2
1.4	64QAM	3	1	21.99	22.03	21.96		
1.4	64QAM	3	3	21.94	22.04	22.00		
1.4	64QAM	6	0	20.93	21.02	20.97	22	3

Band 4 Ant1 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	24.29	24.33	24.30	25	0
20	QPSK	1	49	24.18	24.23	24.09		
20	QPSK	1	99	24.01	24.12	24.05		
20	QPSK	50	0	23.08	23.20	23.11	24	1
20	QPSK	50	24	23.02	23.12	23.09		
20	QPSK	50	50	22.88	22.97	22.89		
20	QPSK	100	0	22.96	23.04	22.91	24	1
20	16QAM	1	0	23.24	23.30	23.18		
20	16QAM	1	49	23.08	23.19	23.14		
20	16QAM	1	99	22.99	23.13	23.08	23	2
20	16QAM	50	0	22.11	22.16	22.07		
20	16QAM	50	24	22.10	22.24	22.15		
20	16QAM	50	50	22.02	22.12	21.97	22	3
20	16QAM	100	0	21.98	22.01	21.89		
20	64QAM	1	0	22.19	22.25	22.17		
20	64QAM	1	49	22.09	22.19	22.13	23	2
20	64QAM	1	99	22.09	22.14	21.99		
20	64QAM	50	0	21.24	21.28	21.18		
20	64QAM	50	24	21.22	21.33	21.28	22	3
20	64QAM	50	50	21.11	21.20	21.08		
20	64QAM	100	0	21.19	21.27	21.15		
Channel								
Frequency (MHz)								
15	QPSK	1	0	24.15	24.25	24.00	25	0
15	QPSK	1	37	24.04	24.14	23.97		
15	QPSK	1	74	23.92	24.08	24.04		
15	QPSK	36	0	23.00	23.24	23.08	24	1
15	QPSK	36	20	22.91	23.04	23.02		
15	QPSK	36	39	22.84	22.84	22.84		
15	QPSK	75	0	22.83	22.94	22.86	24	1
15	16QAM	1	0	23.14	23.21	23.04		
15	16QAM	1	37	22.98	23.12	23.02		
15	16QAM	1	74	22.89	23.00	22.95	23	2
15	16QAM	36	0	21.97	22.04	22.00		
15	16QAM	36	20	21.98	22.09	22.06		
15	16QAM	36	39	21.93	22.06	21.87	23	2
15	16QAM	75	0	21.88	21.96	21.83		
15	64QAM	1	0	22.10	22.15	22.12		
15	64QAM	1	37	22.03	22.06	21.98	23	2
15	64QAM	1	74	21.98	22.03	21.85		
15	64QAM	36	0	21.18	21.24	21.11		
15	64QAM	36	20	21.08	21.30	21.19	22	3
15	64QAM	36	39	21.05	21.15	20.96		
15	64QAM	75	0	21.12	21.22	21.04		
Channel								
Frequency (MHz)								
10	QPSK	1	0	24.21	24.23	24.02	25	0
10	QPSK	1	25	24.04	24.14	23.96		
10	QPSK	1	49	23.91	24.00	23.93		
10	QPSK	25	0	22.95	23.16	22.98	24	1
10	QPSK	25	12	22.99	23.06	22.95		
10	QPSK	25	25	22.82	22.83	22.84		
10	QPSK	50	0	22.86	22.98	22.88	24	1
10	16QAM	1	0	23.14	23.17	23.13		
10	16QAM	1	25	23.02	23.10	23.00		
10	16QAM	1	49	22.90	22.98	22.97	23	2
10	16QAM	25	0	21.98	22.07	21.94		
10	16QAM	25	12	22.01	22.21	22.07		
10	16QAM	25	25	21.95	21.99	21.85	23	2
10	16QAM	50	0	21.92	21.95	21.84		
10	64QAM	1	0	22.15	22.18	22.05		
10	64QAM	1	25	21.99	22.04	22.07	23	2
10	64QAM	1	49	21.95	22.09	21.91		
10	64QAM	25	0	21.15	21.14	21.11		
10	64QAM	25	0	21.17	21.24	21.14	22	3
10	64QAM	25	25	20.97	21.14	21.02		
10	64QAM	50	0	21.09	21.13	21.04		
Channel								
Frequency (MHz)								
5	QPSK	1	0	24.26	24.22	24.02	25	0
5	QPSK	1	12	24.06	24.15	24.01		
5	QPSK	1	24	23.95	24.06	23.93		
5	QPSK	12	0	23.05	23.06	22.99	24	1
5	QPSK	12	6	22.91	22.92	22.96		
5	QPSK	12	13	22.81	22.82	22.74		
5	QPSK	25	0	22.91	22.98	22.79	24	1
5	16QAM	1	0	23.18	23.21	23.13		
5	16QAM	1	12	23.00	23.14	23.10		
5	16QAM	1	24	22.85	22.98	23.01	23	2
5	16QAM	12	0	22.07	22.11	21.92		
5	16QAM	12	7	21.97	22.14	22.07		
5	16QAM	12	13	21.17	21.20	21.85	22	3
5	16QAM	25	0	21.85	21.91	21.74		
5	64QAM	1	0	22.08	22.21	22.07		
5	64QAM	1	12	22.03	22.16	22.10	23	2
5	64QAM	1	24	22.04	22.10	21.84		
5	64QAM	12	0	21.14	21.21	21.12		
5	64QAM	12	7	21.13	21.21	21.23	22	3
5	64QAM	12	13	21.00	21.07	21.01		
5	64QAM	25	0	21.11	21.16	21.10		
Channel								
Frequency (MHz)								
3	QPSK	1	0	24.22	24.20	24.05	25	0
3	QPSK	1	8	24.09	24.09	24.02		
3	QPSK	1	14	23.90	23.99	23.96		
3	QPSK	8	0	23.01	23.09	23.06	24	1
3	QPSK	8	4	22.90	22.97	23.02		
3	QPSK	8	7	22.81	22.88	22.84		
3	QPSK	15	0	22.91	22.90	22.83	24	1
3	QPSK	15	0	23.18	23.12	23.09		
3	16QAM	1	8	22.97	23.13	23.03		
3	16QAM	1	14	22.85	23.05	23.01	23	2
3	16QAM	8	0	22.02	22.10	22.04		
3	16QAM	8	4	21.98	22.12	22.05		
3	16QAM	8	7	21.94	22.02	21.89	23	2
3	16QAM	15	0	21.90	21.98	21.77		
3	64QAM	1	0	22.05	22.05	22.11		
3	64QAM	1	8	22.06	22.06	22.03	22	3
3	64QAM	1	14	22.03	22.03	21.90		
3	64QAM	8	0	21.11	21.19	21.06		
3	64QAM	8	4	21.08	21.24	21.21	22	3
3	64QAM	8	7	20.97	21.10	21.05		
3	64QAM	15	0	21.04	21.21	21.07		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	24.20	24.22	23.98	25	0
1.4	QPSK	1	3	24.04	24.04	24.05		
1.4	QPSK	1	5	23.89	24.01	23.95		
1.4	QPSK	3	0	23.96	24.03	23.98	24	1
1.4	QPSK	3	3	23.78	23.92	23.84		
1.4	QPSK	6	0	22.85	22.97	22.83		
1.4	16QAM	1	0	23.11	23.15	23.06	24	1
1.4	16QAM	1	3	23.05	23.13	23.03		
1.4	16QAM	3	0	22.89	23.10	23.00		
1.4	16QAM	3	0	23.01	23.08	23.02	23	2
1.4	16QAM	3	3	22.96	22.97	22.85		
1.4	16QAM	6	0	21.85	21.93	21.84		
1.4	64QAM	1	0	22.09	22.13	22.03	23	2
1.4	64QAM	1	3	22.04	22.16	21.98		
1.4	64QAM	1	5	21.96	22.05	21.92		
1.4	64QAM	3	0	22.13	22.13	22.07	22	2
1.4	64QAM	3	1	22.13	22.26	22.21		
1.4	64QAM	3	3	22.03	22.10	21.95		
1.4	64QAM	6	0	21.14	21.21	21.03	22	3

Band 7 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				23.85	23.99	23.91		
20	QPSK	1	0	23.85	23.99	23.91	25	0
20	QPSK	1	49	23.86	23.94	23.81		
20	QPSK	1	99	23.73	23.80	23.69		
20	QPSK	50	0	22.98	23.09	22.95	24	1
20	QPSK	50	24	22.93	23.02	22.93		
20	QPSK	50	50	22.90	22.95	22.90		
20	QPSK	100	0	23.07	23.14	23.01	24	1
20	16QAM	1	0	23.00	23.10	23.02		
20	16QAM	1	49	22.92	22.97	22.90		
20	16QAM	1	99	22.91	23.04	22.94	23	2
20	16QAM	50	0	22.01	22.12	22.08		
20	16QAM	50	24	21.86	21.98	21.89		
20	16QAM	50	50	21.94	22.01	21.89	23	2
20	16QAM	100	0	22.04	22.14	22.03		
20	16QAM	1	0	21.99	22.09	21.98		
20	64QAM	1	49	21.84	22.01	21.87	23	2
20	64QAM	1	99	21.90	21.97	21.83		
20	64QAM	50	0	21.09	21.13	21.06		
20	64QAM	50	24	20.89	21.04	20.90	22	3
20	64QAM	50	50	20.93	21.04	20.92		
20	64QAM	100	0	21.01	21.16	21.10		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.78	23.90	23.77	25	0
15	QPSK	1	37	23.74	23.83	23.75		
15	QPSK	1	74	23.61	23.74	23.66		
15	QPSK	36	0	22.86	22.97	22.83	24	1
15	QPSK	36	20	22.88	22.99	22.80		
15	QPSK	36	39	22.80	22.91	22.81		
15	QPSK	75	0	22.97	23.02	22.93	24	1
15	16QAM	1	0	22.95	23.03	22.87		
15	16QAM	1	37	22.83	22.84	22.78		
15	16QAM	1	74	22.87	22.93	22.79	23	2
15	16QAM	36	0	21.91	21.98	21.96		
15	16QAM	36	20	21.76	21.87	21.74		
15	16QAM	36	39	21.82	21.98	21.74	23	2
15	16QAM	75	0	21.98	22.02	21.93		
15	64QAM	1	0	21.90	21.95	21.87		
15	64QAM	1	37	21.78	21.92	21.82	23	2
15	64QAM	1	74	21.84	21.90	21.71		
15	64QAM	36	0	21.06	21.05	20.98		
15	64QAM	36	20	20.77	20.91	20.82	22	3
15	64QAM	36	39	20.87	20.97	20.77		
15	64QAM	75	0	20.91	21.11	21.00		
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.74	23.88	23.87	25	0
10	QPSK	1	25	23.80	23.86	23.67		
10	QPSK	1	49	23.60	23.68	23.63		
10	QPSK	25	0	22.91	23.01	22.80	24	1
10	QPSK	25	12	22.80	22.89	22.83		
10	QPSK	25	25	22.75	22.81	22.79		
10	QPSK	50	0	22.98	23.08	22.87	24	1
10	16QAM	1	0	22.87	23.01	22.93		
10	16QAM	1	25	22.83	22.87	22.80		
10	16QAM	1	49	22.85	22.92	22.86	23	2
10	16QAM	25	0	21.94	22.08	22.04		
10	16QAM	25	12	21.78	21.84	21.81		
10	16QAM	25	25	21.89	21.91	21.79	23	2
10	16QAM	50	0	22.00	22.09	21.92		
10	64QAM	1	0	21.92	21.98	21.91		
10	64QAM	1	25	21.70	21.89	21.80	23	2
10	64QAM	1	49	21.81	21.85	21.68		
10	64QAM	25	0	20.95	21.08	21.02		
10	64QAM	25	12	20.77	20.91	20.78	22	3
10	64QAM	25	25	20.79	20.92	20.85		
10	64QAM	50	0	20.87	21.05	20.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.78	23.89	23.86	25	0
5	QPSK	1	12	23.79	23.90	23.68		
5	QPSK	1	24	23.62	23.68	23.50		
5	QPSK	12	0	22.90	23.00	22.89	24	1
5	QPSK	12	7	22.83	22.88	22.80		
5	QPSK	12	13	22.81	22.90	22.81		
5	QPSK	25	0	22.92	23.02	22.88	24	1
5	16QAM	1	0	22.88	23.00	22.91		
5	16QAM	1	12	22.88	22.83	22.80		
5	16QAM	1	24	22.84	22.94	22.80	23	2
5	16QAM	12	0	21.98	22.04	22.05		
5	16QAM	12	7	21.74	21.94	21.76		
5	16QAM	12	13	21.86	21.94	21.78	23	2
5	16QAM	25	0	21.91	22.01	21.98		
5	64QAM	1	0	21.94	21.98	21.85		
5	64QAM	1	12	21.75	21.91	21.78	23	2
5	64QAM	1	24	21.84	21.92	21.68		
5	64QAM	12	0	21.06	21.06	20.93		
5	64QAM	12	7	20.81	20.99	20.81	22	3
5	64QAM	12	13	20.84	20.92	20.78		
5	64QAM	25	0	20.87	21.03	21.01		

Band 12 Ant1 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23050	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.35	24.50	24.30	25.5	0
10	QPSK	1	25	24.20	24.30	24.26		
10	QPSK	1	49	24.39	24.38	24.27		
10	QPSK	25	0	23.27	23.37	23.31	24.5	1
10	QPSK	25	12	23.26	23.26	23.15		
10	QPSK	25	25	23.08	23.15	23.14		
10	QPSK	50	0	23.21	23.32	23.21	24.5	1
10	16QAM	1	0	23.44	23.50	23.44		
10	16QAM	1	25	23.31	23.38	23.24		
10	16QAM	1	49	23.39	23.38	23.29	23.5	2
10	16QAM	25	0	22.39	22.56	22.42		
10	16QAM	25	12	22.37	22.46	22.31		
10	16QAM	25	25	22.45	22.54	22.42	23.5	2
10	16QAM	50	0	22.51	22.57	22.57		
10	64QAM	1	0	22.57	22.60	22.60		
10	64QAM	1	25	22.46	22.55	22.47	23.5	2
10	64QAM	1	49	22.48	22.50	22.35		
10	64QAM	25	0	21.51	21.57	21.51		
10	64QAM	25	12	21.38	21.45	21.40	22.5	3
10	64QAM	25	25	21.40	21.45	21.47		
10	64QAM	50	0	21.46	21.48	21.38		
Channel				23015	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				703.5	707.5	711.5		
5	QPSK	1	0	24.32	24.39	24.21	25.5	0
5	QPSK	1	12	24.15	24.27	24.20		
5	QPSK	1	24	24.28	24.26	24.17		
5	QPSK	12	0	23.13	23.25	23.24	24.5	1
5	QPSK	12	7	23.10	23.13	23.04		
5	QPSK	12	13	23.01	23.03	23.00		
5	QPSK	25	0	23.16	23.29	23.17	24.5	1
5	16QAM	1	0	23.34	23.44	23.39		
5	16QAM	1	12	23.19	23.29	23.19		
5	16QAM	1	24	23.24	23.29	23.18	23.5	2
5	16QAM	12	0	22.25	22.45	22.36		
5	16QAM	12	7	22.30	22.31	22.26		
5	16QAM	12	13	22.30	22.43	22.35	23.5	2
5	16QAM	25	0	22.45	22.42	22.44		
5	64QAM	1	0	22.45	22.51	22.47		
5	64QAM	1	12	22.36	22.52	22.43	23.5	2
5	64QAM	1	24	22.36	22.40	22.32		
5	64QAM	12	0	21.45	21.43	21.43		
5	64QAM	12	7	21.24	21.32	21.26	22.5	3
5	64QAM	12	13	21.27	21.35	21.34		
5	64QAM	25	0	21.40	21.33	21.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.25	24.34	24.18	25.5	0
3	QPSK	1	8	24.05	24.25	24.19		
3	QPSK	1	14	24.29	24.27	24.14		
3	QPSK	8	0	23.23	23.23	23.24	24.5	1
3	QPSK	8	4	23.11	23.17	23.07		
3	QPSK	8	7	23.04	23.01	23.00		
3	QPSK	15	0	23.09	23.19	23.08	24.5	1
3	16QAM	1	0	23.40	23.51	23.35		
3	16QAM	1	8	23.26	23.25	23.10		
3	16QAM	1	14	23.30	23.29	23.25	23.5	2
3	16QAM	8	0	22.33	22.48	22.35		
3	16QAM	8	4	22.29	22.39	22.27		
3	16QAM	8	7	22.42	22.50	22.31	23.5	2
3	16QAM	15	0	22.46	22.50	22.45		
3	64QAM	1	0	22.48	22.55	22.49		
3	64QAM	1	8	22.31	22.44	22.37	23.5	2
3	64QAM	1	14	22.45	22.48	22.29		
3	64QAM	8	0	21.46	21.49	21.38		
3	64QAM	8	4	21.31	21.34	21.32	22.5	3
3	64QAM	8	7	21.32	21.38	21.42		
3	64QAM	15	0	21.39	21.40	21.23		
Channel				23017	23095	23117	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.26	24.35	24.14	25.5	0
1.4	QPSK	1	3	24.06	24.17	24.06		
1.4	QPSK	1	5	24.21	24.23	24.13		
1.4	QPSK	3	0	24.14	24.22	24.18	24.5	1
1.4	QPSK	3	1	24.13	24.09	24.02		
1.4	QPSK	3	3	23.96	24.00	24.02		
1.4	QPSK	6	0	23.04	23.18	23.05	24.5	1
1.4	16QAM	1	0	23.33	23.35	23.37		
1.4	16QAM	1	3	23.27	23.32	23.32		
1.4	16QAM	1	5	23.24	23.23	23.16	24.5	1
1.4	16QAM	3	0	23.31	23.45	23.28		
1.4	16QAM	3	1	23.20	23.29	23.22		
1.4	16QAM	3	3	23.35	23.42	23.29	23.5	2
1.4	16QAM	6	0	22.46	22.42	22.44		
1.4	64QAM	1	0	22.47	22.49	22.53		
1.4	64QAM	1	3	22.35	22.41	22.40	23.5	2
1.4	64QAM	3	0	22.36	22.38	22.26		
1.4	64QAM	3	0	22.41	22.44	22.33		
1.4	64QAM	3	1	22.22	22.39	22.37	22.5	3
1.4	64QAM	6	0	21.30	21.35	21.27		

Band 17 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				710	711	711			
10	QPSK	1	0	24.31	24.40	24.39			
10	QPSK	1	25	24.30	24.44	24.39	25.5	0	
10	QPSK	1	49	24.24	24.28	24.24			
10	QPSK	25	0	23.49	23.55	23.42			
10	QPSK	25	12	23.41	23.51	23.38	24.5	1	
10	QPSK	25	25	23.50	23.50	23.39			
10	QPSK	50	0	23.36	23.47	23.36			
10	16QAM	1	0	23.45	23.53	23.42	24.5	1	
10	16QAM	1	25	23.41	23.42	23.23			
10	16QAM	1	49	23.30	23.44	23.41			
10	16QAM	25	0	22.51	22.57	22.42			
10	16QAM	25	12	22.43	22.46	22.42			
10	16QAM	25	25	22.33	22.45	22.38	23.5	2	
10	16QAM	50	0	22.45	22.52	22.43			
10	64QAM	1	0	22.59	22.60	22.54			
10	64QAM	1	25	22.48	22.53	22.45	23.5	2	
10	64QAM	1	49	22.36	22.51	22.46			
10	64QAM	25	0	21.40	21.47	21.38			
10	64QAM	25	12	21.42	21.45	21.32			
10	64QAM	25	25	21.40	21.42	21.39	22.5	3	
10	64QAM	50	0	21.51	21.57	21.45			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.15	24.42	24.30			
5	QPSK	1	12	24.19	24.33	24.23	25.5	0	
5	QPSK	1	24	24.14	24.21	24.18			
5	QPSK	12	0	23.36	23.43	23.31			
5	QPSK	12	7	23.32	23.41	23.29	24.5	1	
5	QPSK	12	13	23.30	23.41	23.33			
5	QPSK	25	0	23.16	23.37	23.17			
5	16QAM	1	0	23.35	23.43	23.24			
5	16QAM	1	12	23.27	23.29	23.15	24.5	1	
5	16QAM	1	24	23.20	23.30	23.37			
5	16QAM	12	0	22.44	22.46	22.32			
5	16QAM	12	7	22.24	22.28	22.31	23.5	2	
5	16QAM	12	13	22.19	22.36	22.25			
5	16QAM	25	0	22.28	22.34	22.36			
5	64QAM	1	0	22.45	22.50	22.47			
5	64QAM	1	12	22.40	22.38	22.31	23.5	2	
5	64QAM	1	24	22.42	22.51	22.29			
5	64QAM	12	0	21.33	21.30	21.26			
5	64QAM	12	7	21.30	21.30	21.23	22.5	3	
5	64QAM	12	13	21.22	21.35	21.27			
5	64QAM	25	0	21.32	21.50	21.36			

Band 26 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.50	24.66	24.55			
15	QPSK	1	37	24.48	24.52	24.48	25.5	0	
15	QPSK	1	74	24.52	24.63	24.58			
15	QPSK	36	0	23.49	23.62	23.58			
15	QPSK	36	20	23.47	23.59	23.52	24.5	1	
15	QPSK	36	39	23.44	23.50	23.37			
15	QPSK	75	0	23.48	23.58	23.45			
15	16QAM	1	0	23.64	23.65	23.64	24.5	1	
15	16QAM	1	37	23.49	23.63	23.52			
15	16QAM	1	74	23.51	23.54	23.49			
15	16QAM	36	0	22.61	22.63	22.52			
15	16QAM	36	20	22.50	22.58	22.46	23.5	2	
15	16QAM	36	39	22.56	22.59	22.45			
15	16QAM	75	0	22.50	22.51	22.45			
15	64QAM	1	0	22.60	22.72	22.59			
15	64QAM	1	37	22.49	22.66	22.51	23.5	2	
15	64QAM	1	74	22.52	22.58	22.59			
15	64QAM	36	0	21.67	21.67	21.54			
15	64QAM	36	20	21.47	21.54	21.40	22.5	3	
15	64QAM	36	39	21.56	21.56	21.50			
15	64QAM	75	0	21.43	21.49	21.46			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.45	24.54	24.47			
10	QPSK	1	25	24.42	24.41	24.38	25.5	0	
10	QPSK	1	49	24.49	24.49	24.52			
10	QPSK	25	0	23.42	23.57	23.52			
10	QPSK	25	12	23.33	23.55	23.46	24.5	1	
10	QPSK	25	25	23.31	23.39	23.30			
10	QPSK	50	0	23.43	23.45	23.31			
10	16QAM	1	0	23.50	23.60	23.56			
10	16QAM	1	25	23.45	23.49	23.42	24.5	1	
10	16QAM	1	49	23.39	23.30	23.40			
10	16QAM	25	0	22.57	22.55	22.47			
10	16QAM	25	12	22.41	22.42	22.37	23.5	2	
10	16QAM	25	25	22.50	22.54	22.38			
10	16QAM	50	0	22.40	22.48	22.40			
10	64QAM	1	0	22.51	22.66	22.53			
10	64QAM	1	25	22.35	22.56	22.44	23.5	2	
10	64QAM	1	49	22.48	22.46	22.53			
10	64QAM	25	0	21.50	21.59	21.41			
10	64QAM	25	12	21.40	21.49	21.29	22.5	3	
10	64QAM	25	25	21.44	21.52	21.40			
10	64QAM	50	0	21.35	21.37	21.32			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.40	24.61	24.43			
5	QPSK	1	12	24.45	24.41	24.35	25.5	0	
5	QPSK	1	24	24.40	24.50	24.52			
5	QPSK	12	0	23.44	23.55	23.48			
5	QPSK	12	7	23.41	23.52	23.49	24.5	1	
5	QPSK	12	13	23.34	23.36	23.32			
5	QPSK	25	0	23.43	23.43	23.42			
5	16QAM	1	0	23.54	23.53	23.49			
5	16QAM	1	12	23.35	23.52	23.40	24.5	1	
5	16QAM	1	24	23.42	23.50	23.42			
5	16QAM	12	0	22.51	22.57	22.37			
5	16QAM	12	7	22.44	22.54	22.41	23.5	2	
5	16QAM	12	13	22.52	22.46	22.32			
5	16QAM	25	0	22.37	22.39	22.31			
5	64QAM	1	0	22.52	22.67	22.49	23.5	2	
5	64QAM	1	12	22.39	22.58	22.41			
5	64QAM	1	24	22.37	22.46	22.50			
5	64QAM	12	0	21.49	21.60	21.50			
5	64QAM	12	7	21.35	21.50	21.29	22.5	3	
5	64QAM	12	13	21.45	21.45	21.44			
5	64QAM	25	0	21.29	21.40	21.43			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.46	24.59	24.41			
3	QPSK	1	8	24.39	24.39	24.44	25.5	0	
3	QPSK	1	14	24.36	24.57	24.48			
3	QPSK	8	0	23.42	23.51	23.43			
3	QPSK	8	4	23.44	23.45	23.48	24.5	1	
3	QPSK	8	7	23.30	23.41	23.33			
3	QPSK	15	0	23.43	23.55	23.33			
3	16QAM	1	0	23.57	23.54	23.50			
3	16QAM	1	8	23.42	23.51	23.45	24.5	1	
3	16QAM	1	14	23.41	23.43	23.35			
3	16QAM	8	0	22.57	22.50	22.42			
3	16QAM	8	4	22.43	22.46	22.35	23.5	2	
3	16QAM	8	7	22.46	22.45	22.31			
3	16QAM	15	0	22.40	22.47	22.40			
3	64QAM	1	0	22.46	22.63	22.52			
3	64QAM	1	8	22.45	22.56	22.43	23.5	2	
3	64QAM	1	14	22.37	22.51	22.51			
3	64QAM	8	0	21.48	21.58	21.39			
3	64QAM	8	4	21.36	21.41	21.35	22.5	3	
3	64QAM	8	7	21.42	21.50	21.38			
3	64QAM	15	0	21.34	21.44	21.42			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.42	24.56	24.46			
1.4	QPSK	1	3	24.34	24.41	24.38	25.5	0	
1.4	QPSK	1	5	24.45	24.49	24.50			
1.4	QPSK	3	0	24.35	24.49	24.44			
1.4	QPSK	3	1	24.33	24.47	24.46			
1.4	QPSK	3	2	24.31	24.41	24.28			
1.4	QPSK	6	0	23.37	23.47	23.31	24.5	1	
1.4	16QAM	1	0	23.56	23.59	23.59			
1.4	16QAM	1	3	23.37	23.58	23.40			
1.4	16QAM	1	5	23.39	23.44	23.35	24.5	1	
1.4	16QAM	3	0	23.57	23.55	23.38			
1.4	16QAM	3	1	23.43	23.53	23.31			
1.4	16QAM	3	3	23.51	23.47	23.36			
1.4	16QAM	6	0	22.45	22.43	22.37	23.5	2	
1.4	64QAM	1	0	22.48	22.67	22.52			
1.4	64QAM	1	3	22.37	22.56	22.40			
1.4	64QAM	1	5	22.40	22.49	22.53	23.5	2	
1.4	64QAM	3	0	22.49	22.49	22.45			
1.4	64QAM	3	1	22.38	22.40	22.29			
1.4	64QAM	3	3	22.42	22.51	22.39			
1.4	64QAM	6	0	21.40	21.44	21.40	22.5	3	

Band 38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.31	24.41	24.37	24.5	1	
20	QPSK	1	49	24.23	24.34	24.20			
20	QPSK	1	99	24.12	24.25	24.19			
20	QPSK	50	0	23.32	23.38	23.25			
20	QPSK	50	24	23.14	23.27	23.18			
20	QPSK	50	50	23.25	23.34	23.27	24.5	1	
20	QPSK	100	0	23.27	23.35	23.26			
20	16QAM	1	0	23.25	23.39	23.27			
20	16QAM	1	49	23.21	23.31	23.17			
20	16QAM	1	99	23.23	23.36	23.30			
20	16QAM	50	0	22.26	22.33	22.22	23.5	2	
20	16QAM	50	24	22.13	22.25	22.12			
20	16QAM	50	50	22.17	22.25	22.13			
20	16QAM	100	0	22.28	22.38	22.25			
20	64QAM	1	0	22.13	22.22	22.17			
20	64QAM	1	49	22.02	22.15	22.09	23.5	2	
20	64QAM	1	99	21.96	22.08	21.98			
20	64QAM	50	0	21.14	21.28	21.22			
20	64QAM	50	24	21.02	21.15	21.08			
20	64QAM	50	50	21.09	21.19	21.07			
20	64QAM	100	0	21.20	21.32	21.20	22.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	24.27	24.27	24.24	25.5	0	
15	QPSK	1	37	24.15	24.30	24.13			
15	QPSK	1	74	23.99	24.19	24.05			
15	QPSK	36	0	23.29	23.32	23.13			
15	QPSK	36	20	23.08	23.23	23.09			
15	QPSK	36	39	23.21	23.24	23.22	24.5	1	
15	QPSK	75	0	23.19	23.29	23.12			
15	16QAM	1	0	23.18	23.28	23.16			
15	16QAM	1	37	23.15	23.20	23.04			
15	16QAM	1	74	23.09	23.29	23.17			
15	16QAM	36	0	22.16	22.19	22.11	23.5	2	
15	16QAM	36	20	22.07	22.13	22.06			
15	16QAM	36	39	22.13	22.19	22.01			
15	16QAM	75	0	22.21	22.30	22.13			
15	64QAM	1	0	22.00	22.08	22.07			
15	64QAM	1	37	21.87	22.12	22.00	23.5	2	
15	64QAM	1	74	21.82	22.05	21.87			
15	64QAM	36	0	21.05	21.21	21.11			
15	64QAM	36	20	20.92	21.06	20.95			
15	64QAM	36	39	21.01	21.04	21.03			
15	64QAM	75	0	21.07	21.22	21.12	22.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	24.27	24.37	24.23	25.5	0	
10	QPSK	1	25	24.16	24.22	24.09			
10	QPSK	1	49	23.97	24.20	24.14			
10	QPSK	25	0	23.19	23.25	23.19			
10	QPSK	25	12	23.00	23.24	23.09			
10	QPSK	25	25	23.17	23.27	23.15	24.5	1	
10	QPSK	50	0	23.15	23.26	23.18			
10	16QAM	1	0	23.16	23.35	23.18			
10	16QAM	1	25	23.16	23.17	23.10			
10	16QAM	1	49	23.16	23.30	23.17			
10	16QAM	25	0	22.15	22.26	22.14	23.5	2	
10	16QAM	25	12	22.01	22.21	22.06			
10	16QAM	25	25	22.06	22.19	21.98			
10	16QAM	50	0	22.24	22.25	22.20			
10	64QAM	1	0	22.04	22.11	22.13			
10	64QAM	1	25	21.95	22.00	21.98	23.5	2	
10	64QAM	1	49	21.89	21.97	21.92			
10	64QAM	25	0	21.11	21.25	21.12			
10	64QAM	25	12	20.89	21.07	21.04			
10	64QAM	25	25	21.01	21.04	20.94			
10	64QAM	50	0	21.13	21.27	21.07	22.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.22	24.32	24.25	25.5	0	
5	QPSK	1	12	24.16	24.20	24.07			
5	QPSK	1	24	24.01	24.20	24.13			
5	QPSK	12	0	23.27	23.28	23.19			
5	QPSK	12	7	23.11	23.22	23.12			
5	QPSK	12	13	23.14	23.31	23.21	24.5	1	
5	QPSK	25	0	23.13	23.30	23.22			
5	16QAM	1	0	23.10	23.29	23.20			
5	16QAM	1	12	23.12	23.27	23.10			
5	16QAM	1	24	23.16	23.23	23.23			
5	16QAM	12	0	22.13	22.27	22.15	23.5	2	
5	16QAM	12	7	22.03	22.11	21.98			
5	16QAM	12	13	22.02	22.15	22.05			
5	16QAM	25	0	22.13	22.25	22.13			
5	64QAM	1	0	22.01	22.18	22.08			
5	64QAM	1	12	21.95	22.05	22.02	23.5	2	
5	64QAM	1	24	21.81	22.02	21.88			
5	64QAM	12	0	21.01	21.19	21.18			
5	64QAM	12	7	20.91	21.11	21.01			
5	64QAM	12	13	20.99	21.12	20.97			
5	64QAM	25	0	21.13	21.20	21.11	22.5	3	
Channel				37750	38000	38250			
Frequency (MHz)				2570	2595	2620	Tune-up limit (dBm)	MPR (dB)	

Band 41 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.35	24.38	24.46	24.43	24.32	24.5	1
20	QPSK	1	49	24.20	24.24	24.28	24.17	24.14		
20	QPSK	1	99	24.29	24.21	24.35	24.31	24.20		
20	QPSK	50	0	23.32	23.36	23.43	23.31	23.33	24.5	1
20	QPSK	50	24	23.24	23.23	23.30	23.26	23.20		
20	QPSK	50	50	23.23	23.29	23.34	23.20	23.22		
20	QPSK	100	0	23.29	23.28	23.35	23.27	23.21	24.5	1
20	16QAM	1	0	23.31	23.27	23.40	23.26	23.35		
20	16QAM	1	49	23.16	23.22	23.28	23.17	23.24		
20	16QAM	1	99	23.25	23.22	23.26	23.15	23.24	23.5	2
20	16QAM	50	0	22.15	22.17	22.25	22.14	22.13		
20	16QAM	50	24	22.08	22.14	22.19	22.15	21.98		
20	16QAM	50	50	22.04	22.13	22.19	22.12	22.01	23.5	2
20	16QAM	100	0	22.28	22.18	22.32	22.27	22.20		
20	64QAM	1	0	22.05	22.01	22.09	22.00	21.98		
20	64QAM	1	49	21.87	21.97	22.03	21.92	21.91	22.5	3
20	64QAM	1	99	21.89	21.92	22.03	21.93	21.91		
20	64QAM	50	0	21.27	21.28	21.37	21.30	21.29		
20	64QAM	50	24	21.20	21.23	21.27	21.15	21.16	22.5	3
20	64QAM	50	50	21.19	21.14	21.24	21.12	21.14		
20	64QAM	100	0	21.34	21.32	21.40	21.33	21.36		
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	24.28	24.26	24.40	24.39	24.26	26	0
15	QPSK	1	37	24.14	24.15	24.16	24.03	23.99		
15	QPSK	1	74	24.16	24.16	24.29	24.22	24.10		
15	QPSK	36	0	23.28	23.31	23.39	23.19	23.27	24.5	1
15	QPSK	36	20	23.18	23.13	23.19	23.15	23.14		
15	QPSK	36	39	23.16	23.16	23.30	23.11	23.11		
15	QPSK	75	0	23.24	23.17	23.23	23.17	23.11	24.5	1
15	16QAM	1	0	23.28	23.23	23.31	23.22	23.23		
15	16QAM	1	37	23.05	23.14	23.13	23.13	23.12		
15	16QAM	1	74	23.11	23.11	23.18	23.10	23.17	23.5	2
15	16QAM	36	0	22.05	22.10	22.11	22.08	22.07		
15	16QAM	36	20	22.00	22.11	22.11	22.10	21.88		
15	16QAM	36	39	21.92	22.09	22.14	22.06	21.87	23.5	2
15	16QAM	75	0	22.18	22.13	22.19	22.13	22.16		
15	64QAM	1	0	21.88	21.89	22.05	21.93	21.94		
15	64QAM	1	37	21.78	21.85	21.95	21.85	21.87	22.5	3
15	64QAM	1	74	21.81	21.83	21.93	21.87	21.83		
15	64QAM	36	0	21.23	21.15	21.24	21.22	21.17		
15	64QAM	36	20	21.06	21.12	21.19	21.08	21.04	22.5	3
15	64QAM	36	39	21.13	21.00	21.14	21.01	21.10		
15	64QAM	75	0	21.29	21.19	21.26	21.27	21.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.30	24.28	24.34	24.38	24.27	25.50	0
10	QPSK	1	25	24.13	24.16	24.16	24.11	24.02		
10	QPSK	1	49	24.19	24.13	24.21	24.26	24.11		
10	QPSK	25	0	23.26	23.30	23.36	23.25	23.26	24.5	1
10	QPSK	25	12	23.15	23.10	23.23	23.12	23.13		
10	QPSK	25	25	23.15	23.25	23.24	23.12	23.12		
10	QPSK	50	0	23.21	23.23	23.31	23.16	23.12	24.5	1
10	16QAM	1	0	23.22	23.22	23.36	23.19	23.31		
10	16QAM	1	25	23.12	23.10	23.23	23.03	23.13		
10	16QAM	1	49	23.17	23.16	23.17	23.08	23.11	23.5	2
10	16QAM	25	0	22.11	22.02	22.17	22.11	22.07		
10	16QAM	25	12	22.01	22.04	22.13	22.11	21.90		
10	16QAM	25	25	21.93	22.10	22.15	22.09	21.92	23.5	2
10	16QAM	50	0	22.24	22.05	22.28	22.12	22.07		
10	64QAM	1	0	21.94	21.93	22.02	21.95	21.88		
10	64QAM	1	25	21.75	21.84	21.95	21.84	21.83	22.5	3
10	64QAM	1	49	21.84	21.84	21.90	21.85	21.78		
10	64QAM	25	0	21.22	21.19	21.29	21.26	21.24		
10	64QAM	25	12	21.14	21.18	21.16	21.05	21.08	22.5	3
10	64QAM	25	25	21.11	21.09	21.15	20.98	21.11		
10	64QAM	50	0	21.22	21.29	21.29	21.19	21.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.25	24.29	24.38	24.29	24.17	25.50	0
5	QPSK	1	12	24.12	24.15	24.22	24.11	24.05		
5	QPSK	1	24	24.19	24.18	24.24	24.25	24.07		
5	QPSK	12	0	23.26	23.23	23.33	23.18	23.27	24.5	1
5	QPSK	12	7	23.15	23.19	23.19	23.22	23.06		
5	QPSK	12	13	23.10	23.20	23.28	23.13	23.18		
5	QPSK	25	0	23.23	23.18	23.20	23.16	23.12	24.5	1
5	16QAM	1	0	23.18	23.23	23.31	23.12	23.30		
5	16QAM	1	12	23.02	23.09	23.19	23.05	23.20		
5	16QAM	1	24	23.18	23.17	23.21	23.12	23.12	23.5	2
5	16QAM	12	0	22.12	22.13	22.10	22.02	22.02		
5	16QAM	12	7	22.03	22.02	22.11	22.12	21.83		
5	16QAM	12	13	22.00	22.06	22.15	22.00	21.90	23.5	2
5	16QAM	25	0	22.24	22.12	22.25	22.23	22.13		
5	64QAM	1	0	21.96	21.92	22.03	21.86	21.85		
5	64QAM	1	12	21.80	21.83	21.95	21.86	21.86	23.5	2
5	64QAM	1	24	21.78	21.86	21.94	21.82	21.86		
5	64QAM	12	0	21.14	21.21	21.23	21.21	21.20		
5	64QAM	12	7	21.08	21.19	21.17	21.02	21.07	22.5	3
5	64QAM	12	13	21.12	21.03	21.11	20.98	21.07		
5	64QAM	25	0	21.30	21.26	21.32	21.27	21.26		

Reduced Power Mode for DSI 1

GSM850 Ant0 Default								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)								
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.80	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.88	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 Default								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	881	810		512	881	810	
TX Channel	1850.2	1880	1809.8		1850.2	1880	1809.8	
Frequency (MHz)								
GSM 1 Tx slot	29.49	29.69	29.65	30.50	20.49	20.69	20.65	21.50
GPRS 1 Tx slot	29.49	29.61	29.57	30.50	20.49	20.61	20.57	21.50
GPRS 2 Tx slots	25.66	25.77	25.74	26.70	19.66	19.77	19.74	20.70
GPRS 3 Tx slots	23.77	24.06	23.88	25.00	19.51	19.80	19.62	20.74
GPRS 4 Tx slots	22.58	22.72	22.71	24.00	19.58	19.72	19.71	21.00
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.10	17.48	17.63	17.60	18.84
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

		WCDMA II Ant0 Default					WCDMA IV Ant0 Default					WCDMA V Ant0 Default				
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)			
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233				
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458				
Frequency (MHz)		1862.4	1880	1907.6		1712.4	1732.6	1752.6	826.4	836.4	846.6					
3GPP Rel 99	AMR 12.2Kbps	24.28	24.41	24.35	25.50	24.26	24.39	24.21	25.50	24.07	24.20	24.13	25.50			
3GPP Rel 99	RMC 12.2Kbps	24.33	24.45	24.40	25.50	24.37	24.46	24.26	25.50	24.15	24.23	24.21	25.50			
3GPP Rel 6	HSODA Subtest-1	23.22	23.38	23.25	24.00	23.32	23.37	23.20	24.00	23.10	23.27	23.23	24.50			
3GPP Rel 6	HSODA Subtest-2	23.30	23.46	23.33	24.00	23.33	23.44	23.26	24.00	23.06	23.23	23.22	24.50			
3GPP Rel 6	HSODA Subtest-3	22.84	22.97	22.90	23.50	22.87	22.95	22.78	23.50	22.63	22.88	22.81	24.50			
3GPP Rel 6	HSODA Subtest-4	22.74	22.89	22.83	23.50	22.83	22.93	22.73	23.50	22.54	22.77	22.64	24.50			
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.31	23.24	24.00	23.20	23.38	23.11	24.00	22.91	23.17	23.02	24.50			
3GPP Rel 8	DC-HSDPA Subtest-2	23.08	23.28	23.25	24.00	23.13	23.24	23.18	24.00	23.05	23.21	23.18	24.50			
3GPP Rel 8	DC-HSDPA Subtest-3	22.67	22.81	22.74	23.50	22.71	22.77	22.66	23.50	22.58	22.81	22.70	24.50			
3GPP Rel 8	DC-HSDPA Subtest-4	22.71	22.90	22.78	23.50	22.81	22.85	22.62	23.50	22.48	22.71	22.57	24.50			
3GPP Rel 6	HSUPA Subtest-1	23.31	23.43	23.34	24.00	23.35	23.41	23.26	24.00	23.21	23.41	23.38	24.50			
3GPP Rel 6	HSUPA Subtest-2	21.20	21.37	21.24	22.00	21.25	21.37	21.10	22.00	21.14	21.29	21.25	22.50			
3GPP Rel 6	HSUPA Subtest-3	22.24	22.33	22.20	23.00	22.25	22.34	22.10	23.00	22.22	22.45	22.36	23.50			
3GPP Rel 6	HSUPA Subtest-4	21.20	21.30	21.15	22.00	21.28	21.36	21.05	22.00	21.11	21.34	21.19	22.50			
3GPP Rel 6	HSUPA Subtest-5	23.30	23.44	23.39	24.00	23.36	23.45	23.25	24.00	23.15	23.37	23.30	24.50			

WCDMA V Ant0 Default				Tune-up Limit (dBm)
WCDMA V				
4132	4182	4233		
4357	4407	4458		
826.4	836.4	846.6		
24.07	24.20	24.13	25.50	
24.15	24.23	24.21	25.50	
23.10	23.27	23.23	24.50	
23.06	23.32	23.22	24.50	
22.63	22.88	22.81	24.00	
22.54	22.75	22.62	24.00	
23.05	23.21	23.18	24.50	
22.58	22.81	22.70	24.00	
22.48	22.71	22.57	24.00	
23.21	23.41	23.38	24.50	
21.14	21.29	21.25	22.50	
22.22	22.45	22.36	23.50	
21.11	21.34	21.19	22.50	
23.15	23.37	23.30	24.50	

Band 2 Ant0 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.98	24.13	24.06	25	0		
20	QPSK	1	49	23.93	24.07	23.94				
20	QPSK	1	99	23.81	23.91	23.78				
20	QPSK	50	0	22.93	23.07	22.93	24	1		
20	QPSK	50	24	22.92	23.03	22.98				
20	QPSK	50	50	22.86	22.96	22.90				
20	QPSK	100	0	22.91	23.01	22.91	24	1		
20	16QAM	1	0	22.91	23.01	22.90				
20	16QAM	1	49	22.83	22.89	22.87				
20	16QAM	1	99	22.96	22.97	22.87	23	2		
20	16QAM	50	0	21.94	21.96	21.89				
20	16QAM	50	24	21.77	21.87	21.74				
20	16QAM	50	50	21.74	21.87	21.79	23	2		
20	16QAM	100	0	21.93	21.98	21.93				
20	64QAM	1	0	21.87	21.95	21.88				
20	64QAM	1	49	21.76	21.87	21.74	23	2		
20	64QAM	1	99	21.70	21.84	21.81				
20	64QAM	50	0	21.03	21.07	21.02				
20	64QAM	50	24	20.95	20.97	20.87	22	3		
20	64QAM	50	50	20.88	21.02	20.99				
20	64QAM	100	0	21.03	21.04	20.91				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.675	18.900	19.125	25	0		
15	QPSK	1	37	18.63	18.92	19.03				
15	QPSK	1	74	23.73	23.77	23.70				
15	QPSK	36	0	22.88	22.93	22.79	24	1		
15	QPSK	36	20	22.79	22.90	22.87				
15	QPSK	36	39	22.80	22.90	22.86				
15	QPSK	75	0	22.82	22.94	22.80	24	1		
15	16QAM	1	0	22.81	22.97	22.88				
15	16QAM	1	37	22.71	22.76	22.80				
15	16QAM	1	74	22.88	22.93	22.84	23	2		
15	16QAM	36	0	21.80	21.87	21.76				
15	16QAM	36	20	21.73	21.84	21.63				
15	16QAM	36	39	21.71	21.77	21.72	23	2		
15	16QAM	75	0	21.86	21.86	21.79				
15	64QAM	1	0	21.76	21.83	21.76				
15	64QAM	1	37	21.64	21.79	21.65	23	2		
15	64QAM	1	74	21.61	21.73	21.76				
15	64QAM	36	0	20.95	20.99	20.89				
15	64QAM	36	20	20.90	20.94	20.74	22	3		
15	64QAM	36	39	20.79	20.89	20.92				
15	64QAM	75	0	20.97	21.00	20.81				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.650	18.900	19.150	25	0		
10	QPSK	1	25	18.55	18.80	19.05				
10	QPSK	1	49	23.92	23.99	24.03				
10	QPSK	1	25	23.89	24.04	23.81	24	1		
10	QPSK	1	49	23.66	23.77	23.68				
10	QPSK	25	0	22.89	23.02	22.84				
10	QPSK	25	12	22.84	23.00	22.93	24	1		
10	QPSK	25	25	22.79	22.84	22.76				
10	QPSK	50	0	22.76	22.91	22.85				
10	16QAM	1	0	22.83	22.97	22.87	24	1		
10	16QAM	1	25	22.76	22.86	22.76				
10	16QAM	1	49	22.85	22.88	22.72				
10	16QAM	25	0	21.79	21.92	21.82	23	2		
10	16QAM	25	12	21.63	21.81	21.59				
10	16QAM	25	25	21.63	21.83	21.66				
10	16QAM	50	0	21.83	21.87	21.88	23	2		
10	64QAM	1	0	21.75	21.81	21.83				
10	64QAM	1	25	21.66	21.79	21.70				
10	64QAM	1	49	21.62	21.77	21.75	23	2		
10	64QAM	25	0	20.95	20.97	20.90				
10	64QAM	25	12	20.90	20.96	20.89				
10	64QAM	25	25	20.81	20.99	20.84	22	3		
10	64QAM	50	0	20.93	20.94	20.77				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.625	18.900	19.175			25	0
5	QPSK	1	12	23.90	23.98	23.86				
5	QPSK	1	24	23.77	23.77	23.65				
5	QPSK	12	0	22.82	22.90	22.84	24	1		
5	QPSK	12	7	22.85	22.88	22.92				
5	QPSK	12	13	22.72	22.88	22.78				
5	QPSK	25	0	22.78	22.85	22.85	24	1		
5	16QAM	1	0	22.82	22.94	22.84				
5	16QAM	1	12	22.72	22.78	22.84				
5	16QAM	1	24	22.92	22.86	22.81	23	2		
5	16QAM	12	0	21.86	21.92	21.77				
5	16QAM	12	7	21.73	21.78	21.62				
5	16QAM	12	13	21.61	21.76	21.68	23	2		
5	16QAM	25	0	21.89	21.83	21.84				
5	64QAM	1	0	21.83	21.82	21.76				
5	64QAM	1	12	21.68	21.84	21.59	23	2		
5	64QAM	1	24	21.65	21.76	21.70				
5	64QAM	12	0	20.91	21.00	20.97				
5	64QAM	12	7	20.86	20.83	20.77	22	3		
5	64QAM	12	13	20.75	20.95	20.84				
5	64QAM	25	0	20.98	20.91	20.88				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.515	18.800	19.085	25	0		
3	QPSK	1	8	23.92	24.01	23.96				
3	QPSK	1	14	23.73	23.81	23.67				
3	QPSK	8	0	22.84	22.93	22.89	24	1		
3	QPSK	8	4	22.78	22.89	22.89				
3	QPSK	8	7	22.83	22.83	22.86				
3	QPSK	15	0	22.76	22.85	22.78	24	1		
3	16QAM	1	0	22.88	22.87	22.86				
3	16QAM	1	8	22.69	22.81	22.84				
3	16QAM	1	14	22.84	22.91	22.77	23	2		
3	16QAM	8	0	21.82	21.82	21.76				
3	16QAM	8	4	21.72	21.80	21.60				
3	16QAM	8	7	21.68	21.76	21.75	23	2		
3	16QAM	15	0	21.79	21.92	21.78				
3	64QAM	1	0	21.83	21.87	21.76				
3	64QAM	1	8	21.66	21.79	21.68	23	2		
3	64QAM	1	14	21.57	21.70	21.73				
3	64QAM	8	0	20.99	21.03	20.90				
3	64QAM	8	4	20.85	20.87	20.82	22	3		
3	64QAM	8	7	20.84	20.87	20.90				
3	64QAM	15	0	20.95	20.92	20.84				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.507	18.800	19.193	25	0		
1.4	QPSK	1	3	23.87	24.09	23.92				
1.4	QPSK	1	5	23.81	23.84	23.65				
1.4	QPSK	3	0	23.83	24.00	23.83	24	1		
1.4	QPSK	3	1	23.78	23.98	23.87				
1.4	QPSK	3	3	23.73	23.85	23.82				
1.4	QPSK	6	0	22.76	22.89	22.82	24	1		
1.4	16QAM	1	0	22.78	22.96	22.95				
1.4	16QAM	1	3	22.77	22.76	22.75				
1.4	16QAM	1	5	22.71	22.82	22.76	24	1		
1.4	16QAM	3	0	22.88	22.84	22.78				
1.4	16QAM	3	1	22.71	22.74	22.62				
1.4	16QAM	3	3	22.66	22.80	22.69	23	2		
1.4	16QAM	6	0	21.84	21.89	21.86				
1.4	64QAM	1	0	21.83	21.80	21.84				
1.4	64QAM	1	3	21.62	21.82	21.62	23	2		
1.4	64QAM	1	5	21.59	21.75	21.75				
1.4	64QAM	3	0	21.89	22.03	21.88				
1.4	64QAM	3	1	21.83	21.83	21.83	22	3		
1.4	64QAM	3	3	21.81	21.97	21.92				
1.4	64QAM	6	0	20.89	20.93	20.85				

Band 4 Ant0 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	23.91	24.02	23.87	25	0
20	QPSK	1	49	23.85	23.90	23.75		
20	QPSK	1	99	23.79	23.84	23.78		
20	QPSK	50	0	22.85	22.98	22.93	24	1
20	QPSK	50	24	22.90	22.96	22.93		
20	QPSK	100	0	22.85	22.98	22.93		
20	QPSK	100	0	23.02	23.04	22.92	24	1
20	16QAM	1	0	22.81	22.91	22.84		
20	16QAM	1	99	22.86	22.89	22.76		
20	16QAM	50	0	21.79	21.87	21.75	23	2
20	16QAM	50	24	21.70	21.73	21.66		
20	16QAM	50	50	21.69	21.83	21.68		
20	16QAM	100	0	21.95	22.02	21.96	23	2
20	84QAM	1	0	21.85	21.96	21.85		
20	84QAM	1	49	21.82	21.90	21.72		
20	84QAM	1	99	21.71	21.82	21.72	22	3
20	84QAM	50	0	20.81	20.90	20.84		
20	84QAM	50	24	20.87	20.89	20.81		
20	84QAM	50	50	20.77	20.84	20.82	24	0
20	84QAM	100	0	20.73	20.87	20.73		
Channel				20.625	20.75	20.325		
Frequency (MHz)								
15	QPSK	1	0	17.175	17.235	17.175	25	0
15	QPSK	1	37	23.76	23.79	23.61		
15	QPSK	1	74	23.69	23.74	23.69		
15	QPSK	36	0	22.80	22.91	22.89	24	1
15	QPSK	36	20	22.76	22.85	22.89		
15	QPSK	36	39	22.70	22.89	22.67		
15	QPSK	75	0	22.82	22.92	22.84	24	1
15	16QAM	1	0	22.91	22.90	22.87		
15	16QAM	1	37	22.70	22.70	22.90		
15	16QAM	1	74	22.72	22.77	22.62	23	2
15	16QAM	36	0	21.72	21.72	21.65		
15	16QAM	36	20	21.57	21.67	21.54		
15	16QAM	36	39	21.54	21.69	21.64	23	2
15	16QAM	75	0	21.83	21.98	21.84		
15	84QAM	1	0	21.85	21.88	21.80		
15	84QAM	1	37	21.68	21.85	21.67	23	2
15	84QAM	1	74	21.71	21.76	21.68		
15	84QAM	36	0	20.67	20.82	20.78		
15	84QAM	36	20	20.81	20.82	20.68	22	3
15	84QAM	36	39	20.65	20.75	20.69		
15	84QAM	75	0	20.63	20.81	20.67		
Channel								
Frequency (MHz)								
10	QPSK	1	0	23.85	23.98	23.78	25	0
10	QPSK	1	25	23.76	23.76	23.67		
10	QPSK	1	49	23.72	23.79	23.72		
10	QPSK	25	0	22.81	22.81	22.81	24	1
10	QPSK	25	12	22.87	22.82	22.80		
10	QPSK	25	25	22.68	22.79	22.75		
10	QPSK	50	0	22.84	22.91	22.80	24	1
10	16QAM	1	0	22.98	22.91	22.80		
10	16QAM	1	25	22.73	22.86	22.73		
10	16QAM	1	49	22.83	22.84	22.73	23	2
10	16QAM	25	0	21.70	21.70	21.64		
10	16QAM	25	12	21.66	21.80	21.57		
10	16QAM	25	25	21.59	21.80	21.60	23	2
10	16QAM	50	0	21.91	21.97	21.83		
10	84QAM	1	0	21.86	21.84	21.75		
10	84QAM	1	25	21.71	21.86	21.74	23	2
10	84QAM	1	49	21.66	21.79	21.67		
10	84QAM	25	0	20.67	20.82	20.77		
10	84QAM	25	12	20.73	20.78	20.74	22	3
10	84QAM	25	25	20.66	20.76	20.78		
10	84QAM	50	0	20.67	20.78	20.64		
Channel								
Frequency (MHz)								
5	QPSK	1	0	23.80	23.97	23.83	25	0
5	QPSK	1	12	23.70	23.80	23.66		
5	QPSK	1	24	23.74	23.80	23.66		
5	QPSK	12	0	22.79	22.85	22.85	24	1
5	QPSK	12	7	22.83	22.87	22.88		
5	QPSK	12	12	22.75	22.82	22.77		
5	QPSK	25	0	22.80	22.94	22.89	24	1
5	16QAM	1	0	22.87	23.01	22.88		
5	16QAM	1	12	22.76	22.82	22.73		
5	16QAM	1	24	22.79	22.84	22.65	23	2
5	16QAM	12	0	21.73	21.76	21.65		
5	16QAM	12	7	21.64	21.67	21.60		
5	16QAM	12	13	21.57	21.72	21.54	23	2
5	16QAM	25	0	21.96	21.95	21.85		
5	84QAM	1	0	21.87	21.92	21.74		
5	84QAM	1	12	21.72	21.82	21.67	23	2
5	84QAM	1	24	21.62	21.75	21.59		
5	84QAM	12	0	20.68	20.83	20.81		
5	84QAM	12	7	20.73	20.76	20.68	22	3
5	84QAM	12	13	20.73	20.78	20.73		
5	84QAM	25	0	20.67	20.78	20.65		
Channel								
Frequency (MHz)								
3	QPSK	1	0	23.81	23.88	23.78	25	0
3	QPSK	1	8	23.73	23.83	23.60		
3	QPSK	1	14	23.67	23.76	23.64		
3	QPSK	8	0	22.72	22.85	22.88	24	1
3	QPSK	8	4	22.87	22.86	22.89		
3	QPSK	8	7	22.73	22.83	22.78		
3	QPSK	15	0	22.88	22.92	22.88	24	1
3	16QAM	1	0	22.73	22.79	22.82		
3	16QAM	1	8	22.71	22.83	22.72		
3	16QAM	1	14	22.74	22.79	22.70	23	2
3	16QAM	8	0	21.65	21.80	21.71		
3	16QAM	8	4	21.65	21.63	21.57		
3	16QAM	8	7	21.63	21.75	21.61	23	2
3	16QAM	15	0	21.80	21.89	21.81		
3	84QAM	1	0	21.81	21.85	21.71		
3	84QAM	1	1	21.74	21.87	21.73	23	2
3	84QAM	1	14	21.59	21.77	21.67		
3	84QAM	8	0	20.76	20.75	20.81		
3	84QAM	8	4	20.78	20.83	20.70	22	3
3	84QAM	8	7	20.69	20.78	20.73		
3	84QAM	15	0	20.59	20.79	20.61		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	23.83	23.97	23.79	25	0
1.4	QPSK	1	3	23.80	23.81	23.71		
1.4	QPSK	1	5	23.69	23.70	23.61		
1.4	QPSK	3	0	23.77	23.87	23.84	24	1
1.4	QPSK	3	1	23.86	23.86	23.81		
1.4	QPSK	3	3	23.73	23.89	23.78		
1.4	QPSK	6	0	22.87	22.94	22.82	24	1
1.4	16QAM	1	0	22.89	22.93	22.77		
1.4	16QAM	1	3	22.68	22.82	22.72		
1.4	16QAM	1	5	22.75	22.78	22.68	24	1
1.4	16QAM	3	0	22.71	22.76	22.66		
1.4	16QAM	3	1	22.59	22.65	22.53		
1.4	16QAM	3	3	22.63	22.70	22.58	23	2
1.4	16QAM	6	0	21.81	21.95	21.82		
1.4	84QAM	1	0	21.79	21.93	21.79		
1.4	84QAM	1	3	21.68	21.86	21.72	23	2
1.4	84QAM	1	5	21.65	21.73	21.59		
1.4	84QAM	3	0	21.74	21.74	21.71		
1.4	84QAM	3	1	21.78	21.86	21.77	22	3
1.4	84QAM	3	3	21.73	21.80	21.68		
1.4	84QAM	6	0	20.61	20.80	20.67		

Band 7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				20713	20877	21040		
20	QPSK	1	0	23.73	23.87	23.71	25	0
20	QPSK	1	49	23.75	23.75	23.71		
20	QPSK	1	99	23.80	23.69	23.62		
20	QPSK	50	0	22.81	22.83	22.61	24	1
20	QPSK	50	24	22.72	22.82	22.62		
20	QPSK	50	50	22.81	22.74	22.60		
20	QPSK	100	0	22.72	22.79	22.57	24	1
20	16QAM	1	0	22.90	22.78	22.71		
20	16QAM	1	49	22.82	22.69	22.54		
20	16QAM	50	0	21.92	21.86	21.83	23	2
20	16QAM	50	24	21.82	21.74	21.69		
20	16QAM	50	50	21.92	21.83	21.79		
20	16QAM	100	0	21.81	21.79	21.69	23	2
20	64QAM	1	0	21.74	21.73	21.66		
20	64QAM	1	49	21.74	21.66	21.58		
20	64QAM	1	99	21.68	21.64	21.56	22	3
20	64QAM	50	0	20.82	20.82	20.70		
20	64QAM	50	24	20.81	20.69	20.58		
20	64QAM	50	50	20.69	20.68	20.67	20	20.84
20	64QAM	100	0	20.84	20.71	20.67		
Channel				20825	21100	21375		
Frequency (MHz)				20705	20935	21165		
15	QPSK	1	0	23.69	23.76	23.67	25	0
15	QPSK	1	37	23.62	23.60	23.61		
15	QPSK	1	74	23.73	23.63	23.51		
15	QPSK	36	0	22.75	22.72	22.47	24	1
15	QPSK	36	20	22.58	22.60	22.51		
15	QPSK	36	39	22.69	22.70	22.46		
15	QPSK	75	0	22.74	22.58	22.52	24	1
15	16QAM	1	0	22.85	22.64	22.61		
15	16QAM	1	37	22.67	22.59	22.46		
15	16QAM	1	74	22.67	22.60	22.42	23	2
15	16QAM	36	0	21.80	21.82	21.70		
15	16QAM	36	20	21.73	21.65	21.56		
15	16QAM	36	39	21.81	21.73	21.72	23	2
15	16QAM	75	0	21.69	21.69	21.64		
15	64QAM	1	0	21.68	21.63	21.62		
15	64QAM	1	37	21.62	21.52	21.44	23	2
15	64QAM	1	74	21.59	21.58	21.46		
15	64QAM	36	0	20.68	20.67	20.62		
15	64QAM	36	20	20.75	20.56	20.53	22	3
15	64QAM	36	39	20.64	20.62	20.60		
15	64QAM	75	0	20.77	20.65	20.63		
Channel				20800	21100	21400		
Frequency (MHz)				20655	20935	21215		
10	QPSK	1	0	23.61	23.83	23.61	25	0
10	QPSK	1	25	23.72	23.65	23.59		
10	QPSK	1	49	23.66	23.60	23.52		
10	QPSK	25	0	22.68	22.70	22.46	24	1
10	QPSK	25	12	22.57	22.53	22.50		
10	QPSK	25	25	22.76	22.71	22.47		
10	QPSK	50	0	22.66	22.60	22.45	24	1
10	16QAM	1	0	22.80	22.75	22.67		
10	16QAM	1	25	22.78	22.53	22.45		
10	16QAM	1	49	22.66	22.63	22.49	23	2
10	16QAM	25	0	21.81	21.79	21.78		
10	16QAM	25	12	21.68	21.66	21.65		
10	16QAM	25	25	21.84	21.76	21.69	23	2
10	16QAM	50	0	21.72	21.73	21.65		
10	64QAM	1	0	21.65	21.63	21.56		
10	64QAM	1	25	21.69	21.58	21.44	22	3
10	64QAM	1	49	21.61	21.50	21.51		
10	64QAM	25	0	20.73	20.72	20.60		
10	64QAM	25	12	20.71	20.54	20.53	20	20.74
10	64QAM	25	25	20.55	20.63	20.58		
10	64QAM	50	0	20.74	20.68	20.59		
Channel				20775	21100	21425		
Frequency (MHz)				20625	20935	21245		
5	QPSK	1	0	23.69	23.77	23.57	25	0
5	QPSK	1	12	23.60	23.65	23.60		
5	QPSK	1	24	23.71	23.58	23.50		
5	QPSK	12	0	22.67	22.68	22.58	24	1
5	QPSK	12	7	22.61	22.58	22.48		
5	QPSK	12	13	22.75	22.66	22.48		
5	QPSK	25	0	22.72	22.60	22.44	24	1
5	16QAM	1	0	22.79	22.67	22.59		
5	16QAM	1	12	22.77	22.54	22.44		
5	16QAM	1	24	22.61	22.61	22.44	23	2
5	16QAM	12	0	21.88	21.83	21.76		
5	16QAM	12	7	21.74	21.65	21.60		
5	16QAM	12	13	21.88	21.76	21.70	23	2
5	16QAM	25	0	21.70	21.64	21.56		
5	64QAM	1	0	21.62	21.60	21.59		
5	64QAM	1	12	21.63	21.62	21.47	23	2
5	64QAM	1	24	21.60	21.52	21.42		
5	64QAM	12	0	20.71	20.70	20.60		
5	64QAM	12	7	20.78	20.59	20.44	22	3
5	64QAM	12	13	20.65	20.55	20.55		
5	64QAM	25	0	20.74	20.61	20.55		

Band 12 Ant0 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.31	24.47	24.25	25.5	0
10	QPSK	1	25	24.19	24.29	24.21		
10	QPSK	1	49	24.33	24.37	24.25		
10	QPSK	25	0	23.26	23.35	23.28	24.5	1
10	QPSK	25	12	23.20	23.21	23.12		
10	QPSK	25	25	23.04	23.14	23.08		
10	QPSK	50	0	23.18	23.26	23.18	24.5	1
10	16QAM	1	0	23.42	23.45	23.41		
10	16QAM	1	25	23.27	23.38	23.23		
10	16QAM	1	49	23.34	23.37	23.25	23.5	2
10	16QAM	25	0	22.43	22.56	22.46		
10	16QAM	25	12	22.39	22.47	22.33		
10	16QAM	25	25	22.48	22.54	22.46	23.5	2
10	16QAM	50	0	22.54	22.61	22.58		
10	64QAM	1	0	22.61	22.64	22.63		
10	64QAM	1	25	22.47	22.59	22.50	23.5	2
10	64QAM	1	49	22.52	22.53	22.39		
10	64QAM	25	0	21.55	21.56	21.50		
10	64QAM	25	12	21.39	21.50	21.43	22.5	3
10	64QAM	25	25	21.42	21.48	21.46		
10	64QAM	50	0	21.46	21.48	21.37		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.19	24.40	24.14	25.5	0
5	QPSK	1	12	24.07	24.15	24.14		
5	QPSK	1	24	24.24	24.28	24.13		
5	QPSK	12	0	23.19	23.24	23.21	24.5	1
5	QPSK	12	7	23.15	23.16	23.01		
5	QPSK	12	13	22.95	23.07	22.99		
5	QPSK	25	0	23.10	23.19	23.09	24.5	1
5	16QAM	1	0	23.30	23.35	23.34		
5	16QAM	1	12	23.17	23.24	23.18		
5	16QAM	1	24	23.27	23.23	23.16	23.5	2
5	16QAM	12	0	22.29	22.45	22.38		
5	16QAM	12	7	22.34	22.32	22.25		
5	16QAM	12	13	22.39	22.41	22.34	23.5	2
5	16QAM	25	0	22.51	22.57	22.49		
5	64QAM	1	0	22.52	22.59	22.51		
5	64QAM	1	12	22.33	22.48	22.44	23.5	2
5	64QAM	1	24	22.47	22.48	22.35		
5	64QAM	12	0	21.46	21.51	21.39		
5	64QAM	12	7	21.30	21.45	21.35	22.5	3
5	64QAM	12	13	21.35	21.38	21.42		
5	64QAM	25	0	21.34	21.35	21.23		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	24.23	24.32	24.12	25.5	0
3	QPSK	1	8	24.05	24.19	24.09		
3	QPSK	1	14	24.27	24.34	24.20		
3	QPSK	8	0	23.23	23.26	23.19	24.5	1
3	QPSK	8	4	23.05	23.16	23.06		
3	QPSK	8	7	22.94	23.02	23.03		
3	QPSK	15	0	23.14	23.19	23.07	24.5	1
3	16QAM	1	0	23.27	23.37	23.35		
3	16QAM	1	8	23.13	23.29	23.09		
3	16QAM	1	14	23.20	23.29	23.10	23.5	2
3	16QAM	8	0	22.39	22.45	22.33		
3	16QAM	8	4	22.27	22.36	22.19		
3	16QAM	8	7	22.40	22.44	22.38	23.5	2
3	16QAM	15	0	22.42	22.52	22.40		
3	64QAM	1	0	22.56	22.54	22.59		
3	64QAM	1	8	22.34	22.47	22.43	23.5	2
3	64QAM	1	14	22.47	22.43	22.35		
3	64QAM	8	0	21.51	21.42	21.41		
3	64QAM	8	4	21.31	21.38	21.30	22.5	3
3	64QAM	8	7	21.29	21.35	21.40		
3	64QAM	15	0	21.32	21.39	21.28		
Channel				23017	23055	23117		
Frequency (MHz)				699.7	703.5	715.5	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	24.20	24.34	24.22	25.5	0
1.4	QPSK	1	3	24.15	24.21	24.16		
1.4	QPSK	1	5	24.22	24.26	24.15		
1.4	QPSK	3	0	24.18	24.20	24.25	24.5	1
1.4	QPSK	3	1	24.06	24.11	23.98		
1.4	QPSK	3	3	23.92	24.11	24.03		
1.4	QPSK	6	0	23.15	23.21	23.03	24.5	1
1.4	16QAM	1	0	23.27	23.36	23.33		
1.4	16QAM	1	3	23.23	23.28	23.15		
1.4	16QAM	1	5	23.29	23.28	23.15	24.5	1
1.4	16QAM	3	0	23.33	23.50	23.37		
1.4	16QAM	3	1	23.29	23.39	23.23		
1.4	16QAM	3	3	23.38	23.45	23.37	23.5	2
1.4	16QAM	6	0	22.40	22.52	22.44		
1.4	64QAM	1	0	22.55	22.54	22.53		
1.4	64QAM	1	3	22.35	22.54	22.36	23.5	2
1.4	64QAM	3	0	22.40	22.38	22.26		
1.4	64QAM	3	0	22.43	22.42	22.42		
1.4	64QAM	3	1	22.35	22.37	22.31	22.5	3
1.4	64QAM	3	3	22.36	22.36	22.39		
1.4	64QAM	6	0	21.37	21.39	21.30		

Band 17 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.23	24.39	24.27	25.5	0	
10	QPSK	1	25	24.21	24.32	24.27			
10	QPSK	1	49	24.16	24.20	24.15			
10	QPSK	25	0	23.35	23.42	23.28	24.5	1	
10	QPSK	25	12	23.27	23.36	23.29			
10	QPSK	25	25	23.35	23.40	23.30			
10	QPSK	50	0	23.22	23.35	23.23	24.5	1	
10	16QAM	1	0	23.31	23.38	23.27			
10	16QAM	1	25	23.28	23.29	23.14			
10	16QAM	1	49	23.20	23.32	23.31	23.5	2	
10	16QAM	25	0	22.48	22.56	22.41			
10	16QAM	25	12	22.39	22.42	22.39			
10	16QAM	25	25	22.29	22.43	22.35	23.5	2	
10	16QAM	50	0	22.42	22.48	22.44			
10	64QAM	1	0	22.56	22.61	22.54			
10	64QAM	1	25	22.47	22.52	22.45	23.5	2	
10	64QAM	1	49	22.53	22.57	22.44			
10	64QAM	25	0	21.38	21.45	21.34			
10	64QAM	25	12	21.39	21.41	21.28	22.5	3	
10	64QAM	25	25	21.37	21.39	21.38			
10	64QAM	50	0	21.48	21.55	21.44			
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.16	24.35	24.15	25.5	0	
5	QPSK	1	12	24.18	24.25	24.19			
5	QPSK	1	24	24.07	24.15	24.09			
5	QPSK	12	0	23.21	23.37	23.24	24.5	1	
5	QPSK	12	7	23.18	23.30	23.23			
5	QPSK	12	13	23.30	23.31	23.19			
5	QPSK	25	0	23.11	23.31	23.14	24.5	1	
5	16QAM	1	0	23.22	23.29	23.11			
5	16QAM	1	12	23.22	23.24	23.11			
5	16QAM	1	24	23.17	23.19	23.22	23.5	2	
5	16QAM	12	0	22.37	22.47	22.34			
5	16QAM	12	7	22.35	22.28	22.30			
5	16QAM	12	13	22.25	22.37	22.20	23.5	2	
5	16QAM	25	0	22.39	22.34	22.35			
5	64QAM	1	0	22.47	22.49	22.50			
5	64QAM	1	12	22.35	22.42	22.34	23.5	2	
5	64QAM	1	24	22.42	22.49	22.31			
5	64QAM	12	0	21.24	21.35	21.26			
5	64QAM	12	7	21.28	21.31	21.16	22.5	3	
5	64QAM	12	13	21.32	21.25	21.30			
5	64QAM	25	0	21.40	21.42	21.31			

Band 26 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.49	24.65	24.52	25.5	0	
15	QPSK	1	37	24.45	24.51	24.47			
15	QPSK	1	74	24.50	24.57	24.55			
15	QPSK	36	0	23.46	23.59	23.56			
15	QPSK	36	20	23.47	23.57	23.51			
15	QPSK	36	39	23.41	23.45	23.33	24.5	1	
15	QPSK	75	0	23.44	23.47	23.40			
15	16QAM	1	0	23.60	23.63	23.60			
15	16QAM	1	37	23.44	23.58	23.48			
15	16QAM	1	74	23.45	23.54	23.44			
15	16QAM	36	0	22.58	22.63	22.50	23.5	2	
15	16QAM	36	20	22.47	22.52	22.43			
15	16QAM	36	39	22.50	22.55	22.45			
15	16QAM	75	0	22.48	22.51	22.44			
15	64QAM	1	0	22.57	22.68	22.56			
15	64QAM	1	37	22.47	22.60	22.51	23.5	2	
15	64QAM	1	74	22.51	22.58	22.56			
15	64QAM	36	0	21.52	21.61	21.49			
15	64QAM	36	20	21.41	21.49	21.40			
15	64QAM	36	39	21.53	21.54	21.44			
15	64QAM	75	0	21.40	21.47	21.43	22.5	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.40	24.59	24.44	25.5	0	
10	QPSK	1	25	24.38	24.40	24.39			
10	QPSK	1	49	24.45	24.46	24.40			
10	QPSK	25	0	23.43	23.54	23.47			
10	QPSK	25	12	23.39	23.48	23.36			
10	QPSK	25	25	23.37	23.34	23.29	24.5	1	
10	QPSK	50	0	23.38	23.40	23.33			
10	16QAM	1	0	23.55	23.59	23.48			
10	16QAM	1	25	23.33	23.53	23.40			
10	16QAM	1	49	23.34	23.40	23.38			
10	16QAM	25	0	22.48	22.51	22.47	23.5	2	
10	16QAM	25	12	22.33	22.45	22.34			
10	16QAM	25	25	22.43	22.44	22.31			
10	16QAM	50	0	22.41	22.43	22.39			
10	64QAM	1	0	22.53	22.61	22.46			
10	64QAM	1	25	22.37	22.51	22.36	23.5	2	
10	64QAM	1	49	22.43	22.46	22.49			
10	64QAM	25	0	21.45	21.47	21.39			
10	64QAM	25	12	21.32	21.42	21.35			
10	64QAM	25	25	21.46	21.44	21.31			
10	64QAM	50	0	21.27	21.38	21.34	22.5	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.37	24.61	24.45	25.5	0	
5	QPSK	1	12	24.31	24.46	24.32			
5	QPSK	1	24	24.39	24.49	24.44			
5	QPSK	12	0	23.34	23.51	23.50			
5	QPSK	12	7	23.41	23.43	23.36			
5	QPSK	12	13	23.26	23.40	23.23	24.5	1	
5	QPSK	25	0	23.33	23.35	23.25			
5	16QAM	1	0	23.51	23.57	23.54			
5	16QAM	1	12	23.41	23.43	23.36			
5	16QAM	1	24	23.34	23.41	23.29			
5	16QAM	12	0	22.52	22.56	22.43	23.5	2	
5	16QAM	12	7	22.35	22.47	22.30			
5	16QAM	12	13	22.37	22.45	22.38			
5	16QAM	25	0	22.43	22.46	22.36			
5	64QAM	1	0	22.52	22.60	22.52			
5	64QAM	1	12	22.41	22.46	22.45	23.5	2	
5	64QAM	1	24	22.41	22.50	22.46			
5	64QAM	12	0	21.42	21.57	21.43			
5	64QAM	12	7	21.37	21.45	21.25			
5	64QAM	12	13	21.40	21.44	21.37			
5	64QAM	25	0	21.29	21.39	21.31	22.5	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.40	24.60	24.40	25.5	0	
3	QPSK	1	8	24.33	24.47	24.41			
3	QPSK	1	14	24.37	24.53	24.50			
3	QPSK	8	0	23.36	23.45	23.41			
3	QPSK	8	4	23.41	23.43	23.44			
3	QPSK	8	7	23.28	23.42	23.19	24.5	1	
3	QPSK	15	0	23.41	23.41	23.35			
3	16QAM	1	0	23.56	23.60	23.48			
3	16QAM	1	8	23.31	23.55	23.34			
3	16QAM	1	14	23.42	23.51	23.39			
3	16QAM	8	0	22.44	22.58	22.43	23.5	2	
3	16QAM	8	4	22.35	22.37	22.38			
3	16QAM	8	7	22.44	22.46	22.41			
3	16QAM	15	0	22.37	22.41	22.33			
3	64QAM	1	0	22.42	22.56	22.46			
3	64QAM	1	8	22.33	22.52	22.43	23.5	2	
3	64QAM	1	14	22.47	22.52	22.50			
3	64QAM	8	0	21.43	21.47	21.38			
3	64QAM	8	4	21.38	21.43	21.31			
3	64QAM	8	7	21.39	21.43	21.30			
3	64QAM	15	0	21.27	21.35	21.34	22.5	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.45	24.56	24.40	25.5	0	
1.4	QPSK	1	5	24.35	24.46	24.30			
1.4	QPSK	1	9	24.44	24.50	24.50			
1.4	QPSK	3	0	24.38	24.53	24.51			
1.4	QPSK	3	1	24.35	24.45	24.43			
1.4	QPSK	3	3	24.35	24.39	24.27	24.5	1	
1.4	QPSK	6	0	23.38	23.40	23.29			
1.4	16QAM	1	0	23.46	23.58	23.55			
1.4	16QAM	1	3	23.29	23.47	23.25			
1.4	16QAM	1	5	23.39	23.51	23.33			
1.4	16QAM	3	0	23.48	23.49	23.36	24.5	1	
1.4	16QAM	3	1	23.34	23.39	23.30			
1.4	16QAM	3	3	23.39	23.42	23.35			
1.4	16QAM	6	0	22.37	22.45	22.37			
1.4	64QAM	1	0	22.52	22.59	22.53			
1.4	64QAM	1	3	22.35	22.50	22.40	23.5	2	
1.4	64QAM	1	5	22.45	22.46	22.45			
1.4	64QAM	3	0	22.37	22.47	22.45			
1.4	64QAM	3	1	22.35	22.37	22.33			
1.4	64QAM	3	3	22.39	22.42	22.38			
1.4	64QAM	6	0	21.32	21.34	21.36	22.5	3	

Band 38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.15	24.23	24.07			
20	QPSK	1	49	24.07	24.12	23.98	24.5	1	
20	QPSK	1	99	23.94	24.08	23.98			
20	QPSK	50	0	23.15	23.26	23.17			
20	QPSK	50	24	23.11	23.20	23.13	24.5	1	
20	QPSK	50	50	23.11	23.24	23.15			
20	QPSK	100	0	23.17	23.21	23.07			
20	16QAM	1	0	23.03	23.18	23.12	24.5	1	
20	16QAM	1	49	22.99	23.08	23.03			
20	16QAM	1	99	22.95	23.06	22.98			
20	16QAM	50	0	22.29	22.42	22.31	23.5	2	
20	16QAM	50	24	22.22	22.35	22.31			
20	16QAM	50	50	22.34	22.38	22.25			
20	16QAM	100	0	22.32	22.37	22.32	23.5	2	
20	64QAM	1	0	22.13	22.24	22.20			
20	64QAM	1	49	22.07	22.16	22.06			
20	64QAM	1	99	22.16	22.20	22.14	22.5	3	
20	64QAM	50	0	21.32	21.40	21.29			
20	64QAM	50	24	21.19	21.28	21.15			
20	64QAM	50	50	21.23	21.32	21.20	22.5	3	
20	64QAM	100	0	21.27	21.32	21.25			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	25.5	0	
15	QPSK	1	0	24.10	24.14	24.03			
15	QPSK	1	37	24.00	24.08	23.90	24.5	1	
15	QPSK	1	74	23.91	23.93	23.89			
15	QPSK	36	0	23.00	23.21	23.04			
15	QPSK	36	20	23.04	23.17	23.10	24.5	1	
15	QPSK	36	39	23.07	23.12	23.09			
15	QPSK	75	0	23.04	23.08	23.00			
15	16QAM	1	0	22.94	23.05	23.07	24.5	1	
15	16QAM	1	37	22.91	22.95	22.92			
15	16QAM	1	74	22.86	23.03	22.88			
15	16QAM	36	0	22.19	22.36	22.24	23.5	2	
15	16QAM	36	20	22.10	22.21	22.22			
15	16QAM	36	39	22.29	22.24	22.10			
15	16QAM	75	0	22.27	22.29	22.21	23.5	2	
15	64QAM	1	0	22.05	22.10	22.11			
15	64QAM	1	37	21.95	22.02	21.94			
15	64QAM	1	74	22.04	22.08	22.09	22.5	3	
15	64QAM	36	0	21.22	21.32	21.14			
15	64QAM	36	20	21.08	21.22	21.12			
15	64QAM	36	39	21.10	21.19	21.07	22.5	3	
15	64QAM	75	0	21.16	21.21	21.21			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	25.5	0	
10	QPSK	1	0	24.08	24.15	24.02			
10	QPSK	1	25	23.98	24.02	23.95	24.5	1	
10	QPSK	1	49	23.90	23.93	23.89			
10	QPSK	25	0	23.01	23.22	23.05			
10	QPSK	25	12	23.07	23.14	23.05	24.5	1	
10	QPSK	25	25	22.99	23.18	23.05			
10	QPSK	50	0	23.12	23.13	23.01			
10	16QAM	1	0	22.92	23.08	23.05	24.5	1	
10	16QAM	1	25	22.91	22.94	22.92			
10	16QAM	1	49	22.81	22.98	22.88			
10	16QAM	25	0	22.25	22.29	22.22	23.5	2	
10	16QAM	25	12	22.12	22.28	22.21			
10	16QAM	25	25	22.29	22.32	22.11			
10	16QAM	50	0	22.19	22.27	22.21	23.5	2	
10	64QAM	1	0	22.04	22.16	22.05			
10	64QAM	1	25	21.94	22.04	21.92			
10	64QAM	1	49	22.03	22.15	22.10	22.5	3	
10	64QAM	25	0	21.23	21.27	21.20			
10	64QAM	25	12	21.13	21.20	21.09			
10	64QAM	25	25	21.12	21.19	21.09	22.5	3	
10	64QAM	50	0	21.17	21.27	21.11			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	25.5	0	
5	QPSK	1	0	24.10	24.14	23.96			
5	QPSK	1	12	23.93	24.02	23.90	24.5	1	
5	QPSK	1	24	23.90	23.95	23.83			
5	QPSK	12	0	23.02	23.15	23.05			
5	QPSK	12	7	23.08	23.13	23.07	24.5	1	
5	QPSK	12	13	23.05	23.21	23.11			
5	QPSK	25	0	23.05	23.12	22.97			
5	16QAM	1	0	22.99	23.06	23.06	24.5	1	
5	16QAM	1	12	22.96	23.01	22.98			
5	16QAM	1	24	22.85	22.99	22.90			
5	16QAM	12	0	22.18	22.32	22.24	23.5	2	
5	16QAM	12	7	22.10	22.29	22.24			
5	16QAM	12	13	22.29	22.28	22.16			
5	16QAM	25	0	22.21	22.28	22.19	23.5	2	
5	64QAM	1	0	22.03	22.21	22.12			
5	64QAM	1	12	21.97	22.11	21.95			
5	64QAM	1	24	22.02	22.05	22.06	22.5	3	
5	64QAM	12	0	21.20	21.33	21.26			
5	64QAM	12	7	21.11	21.21	21.06			
5	64QAM	12	13	21.19	21.21	21.08	22.5	3	
5	64QAM	25	0	21.19	21.23	21.17			

Band 41 Ant0 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.06	24.22	24.29	24.26	24.20	24.5	1
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00		
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98		
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24	24.5	1
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.13		
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05		
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28	24.5	1
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22		
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11		
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16	23.5	2
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31		
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23		
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28	23.5	2
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29		
20	64QAM	1	0	22.13	22.16	22.23	22.10	22.10		
20	64QAM	1	49	22.08	22.13	22.18	22.14	22.01	23.5	2
20	64QAM	1	99	22.02	22.06	22.16	22.12	22.11		
20	64QAM	50	0	21.34	21.33	21.41	21.35	21.32		
20	64QAM	50	24	21.29	21.27	21.37	21.33	21.21	22.5	3
20	64QAM	50	50	21.22	21.22	21.32	21.23	21.29		
20	64QAM	100	0	21.44	21.34	21.47	21.33	21.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	26	0
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06		
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85	24.5	1
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90		
15	QPSK	36	0	23.23	23.11	23.20	23.18	23.15		
15	QPSK	36	20	23.09	23.10	23.09	23.00	23.00	24.5	1
15	QPSK	36	39	22.94	23.00	23.07	22.91	23.01		
15	QPSK	75	0	23.17	23.20	23.24	23.22	23.15		
15	16QAM	1	0	23.19	23.14	23.26	23.08	23.16	24.5	1
15	16QAM	1	37	23.07	23.14	23.20	23.06	23.01		
15	16QAM	1	74	23.04	23.09	23.12	23.10	23.12		
15	16QAM	36	0	22.26	22.26	22.41	22.29	22.28	23.5	2
15	16QAM	36	20	22.23	22.12	22.34	22.30	22.18		
15	16QAM	36	39	22.13	22.15	22.33	22.19	22.22		
15	16QAM	75	0	22.18	22.29	22.31	22.29	22.25	23.5	2
15	64QAM	1	0	22.06	22.09	22.17	22.04	22.00		
15	64QAM	1	37	22.04	22.05	22.03	22.06	21.97		
15	64QAM	1	74	21.96	22.01	22.07	22.08	21.97	22.5	3
15	64QAM	36	0	21.26	21.19	21.35	21.22	21.18		
15	64QAM	36	20	21.16	21.13	21.33	21.21	21.14		
15	64QAM	36	39	21.09	21.13	21.28	21.09	21.25	22.5	3
15	64QAM	75	0	21.31	21.23	21.36	21.27	21.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	25.50	0
10	QPSK	1	0	24.01	24.09	24.16	24.22	24.10		
10	QPSK	1	25	23.89	23.86	23.96	23.85	23.96	24.5	1
10	QPSK	1	49	23.88	23.84	23.94	23.87	23.89		
10	QPSK	25	0	23.20	23.08	23.30	23.10	23.16		
10	QPSK	25	12	23.01	23.03	23.19	23.03	23.02	24.5	1
10	QPSK	25	25	22.94	22.92	23.11	22.95	23.01		
10	QPSK	50	0	23.25	23.18	23.26	23.27	23.25		
10	16QAM	1	0	23.19	23.16	23.20	23.05	23.17	24.5	1
10	16QAM	1	25	23.04	23.15	23.17	23.08	22.99		
10	16QAM	1	49	23.09	23.10	23.12	23.02	23.01		
10	16QAM	25	0	22.32	22.19	22.39	22.26	22.24	23.5	2
10	16QAM	25	12	22.17	22.18	22.31	22.30	22.17		
10	16QAM	25	25	22.17	22.22	22.26	22.20	22.13		
10	16QAM	50	0	22.24	22.28	22.34	22.33	22.16	23.5	2
10	64QAM	1	0	22.05	22.08	22.12	21.98	22.01		
10	64QAM	1	25	22.02	22.01	22.13	21.99	21.94		
10	64QAM	1	49	21.97	21.92	22.03	22.01	21.96	22.5	3
10	64QAM	25	0	21.30	21.30	21.38	21.21	21.25		
10	64QAM	25	12	21.17	21.22	21.26	21.25	21.13		
10	64QAM	25	25	21.18	21.19	21.26	21.11	21.21	22.5	3
10	64QAM	50	0	21.33	21.25	21.34	21.19	21.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	25.50	0
5	QPSK	1	0	23.91	24.07	24.20	24.23	24.15		
5	QPSK	1	12	23.80	23.94	23.93	23.93	23.89	24.5	1
5	QPSK	1	24	23.81	23.86	23.90	23.84	23.94		
5	QPSK	12	0	23.19	23.16	23.29	23.16	23.09		
5	QPSK	12	7	22.99	23.04	23.14	23.04	22.96	24.5	1
5	QPSK	12	13	22.94	23.01	23.07	22.91	22.91		
5	QPSK	25	0	23.27	23.15	23.33	23.18	23.19		
5	16QAM	1	0	23.15	23.19	23.21	23.03	23.12	24.5	1
5	16QAM	1	12	22.98	23.12	23.12	23.09	23.07		
5	16QAM	1	24	23.03	23.05	23.14	23.06	23.11		
5	16QAM	12	0	22.21	22.21	22.32	22.27	22.22	23.5	2
5	16QAM	12	7	22.14	22.13	22.34	22.24	22.08		
5	16QAM	12	13	22.13	22.19	22.30	22.21	22.22		
5	16QAM	25	0	22.17	22.24	22.32	22.27	22.23	23.5	2
5	64QAM	1	0	21.99	22.13	22.14	22.05	22.07		
5	64QAM	1	12	21.95	22.01	22.05	22.06	21.94		
5	64QAM	1	24	21.98	22.03	22.13	22.07	22.05	22.5	3
5	64QAM	12	0	21.23	21.21	21.34	21.32	21.20		
5	64QAM	12	7	21.16	21.14	21.33	21.18	21.08		
5	64QAM	12	13	21.08	21.17	21.20	21.17	21.17	22.5	3
5	64QAM	25	0	21.39	21.27	21.38	21.25	21.24		

GSM850 Ant1 Default								
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	Limit (dBm)	128	189	251	Limit (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 DSI1								
GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	512	661	810	512	
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	
GSM 1 Tx slot	25.82	25.99	25.85	26.50	16.82	16.99	16.85	
GPRS 1 Tx slot	25.74	25.92	25.77	26.50	16.74	16.92	16.77	
GPRS 2 Tx slots	22.04	22.27	22.07	23.00	16.04	16.27	16.07	
GPRS 3 Tx slots	20.25	20.46	20.30	21.40	15.99	16.20	16.04	
GPRS 4 Tx slots	19.09	19.32	19.16	20.50	16.09	16.32	16.16	
EDGE 1 Tx slot	25.77	25.96	25.82	26.50	16.77	16.96	16.82	
EDGE 2 Tx slots	22.08	22.25	22.11	23.00	16.08	16.25	16.11	
EDGE 3 Tx slots	20.18	20.43	20.24	21.50	15.92	16.17	15.98	
EDGE 4 Tx slots	18.93	19.18	19.05	20.50	15.93	16.18	16.05	

		WCDMA II Ant1 DSI1				WCDMA IV Ant1 DSI1				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312 1413 1513				4132 4182 4233			
Rx Channel		9662	9800	9938		1537 1638 1738				4357 4407 4458			
Frequency (MHz)		1852.4 1880 1907.6				1712.4 1732.6 1752.6				826.4 836.4 846.6			
3GPP Rel 99	AMR 12.2Kbps	14.85	14.98	14.72	16.00	16.32	16.38	16.24	17.00	23.93	24.09	24.06	25.50
3GPP Rel 99	RMC 12.2Kbps	15.00	15.04	14.85	16.00	16.42	16.47	16.32	17.00	24.12	24.23	24.18	25.50
3GPP Rel 6	HSDPA Subtest-1	14.03	14.06	13.94	15.00	15.39	15.39	15.31	16.00	23.10	23.22	23.15	24.50
3GPP Rel 6	HSDPA Subtest-2	13.88	13.96	13.91	15.00	15.34	15.58	15.30	16.00	22.94	23.03	22.94	24.50
3GPP Rel 6	HSDPA Subtest-3	13.53	13.51	13.46	14.50	14.99	14.91	14.73	15.50	22.50	22.72	22.59	24.00
3GPP Rel 6	HSDPA Subtest-4	13.49	13.63	13.45	14.50	14.85	14.91	14.90	15.50	22.49	22.59	22.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	14.06	14.03	13.95	15.00	15.29	15.62	15.23	16.00	23.02	23.22	23.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	13.86	14.01	13.87	15.00	15.45	15.57	15.30	16.00	23.13	23.06	22.94	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	13.32	13.50	13.32	14.50	14.95	15.06	14.76	15.50	22.44	22.71	22.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	13.51	13.53	13.34	14.50	15.04	15.06	14.81	15.50	22.32	22.68	22.66	24.00
3GPP Rel 6	HSUPA Subtest-1	13.88	14.03	13.91	15.00	15.37	15.55	15.21	16.00	23.04	23.20	23.04	24.50
3GPP Rel 6	HSUPA Subtest-2	12.00	12.07	11.86	13.00	13.43	13.60	13.34	14.00	21.01	21.22	20.94	22.50
3GPP Rel 6	HSUPA Subtest-3	12.98	13.13	12.91	14.00	14.42	14.54	14.37	15.00	21.92	22.18	21.83	23.50
3GPP Rel 6	HSUPA Subtest-4	11.91	11.99	11.79	13.00	13.40	13.51	13.22	14.00	21.00	21.15	21.00	22.50
3GPP Rel 6	HSUPA Subtest-5	13.89	13.98	14.01	15.00	15.47	15.53	15.29	16.00	23.03	23.23	22.99	24.50

Band 2 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	15.07	15.20	15.13	16	0	
20	QPSK	1	49	15.05	15.05	15.15			
20	QPSK	1	99	15.03	15.16	15.16			
20	QPSK	50	0	15.12	15.24	15.05			
20	QPSK	50	24	15.06	15.17	15.13	16	0	
20	QPSK	50	50	15.12	15.06	15.08			
20	QPSK	100	0	15.03	15.12	15.05			
20	16QAM	1	0	15.08	15.19	15.07			
20	16QAM	1	49	15.04	15.21	15.14	16	0	
20	16QAM	1	99	15.01	15.17	15.11			
20	16QAM	50	0	15.05	15.02	15.03			
20	16QAM	50	24	15.06	15.16	15.05			
20	16QAM	50	50	15.01	15.12	15.11	16	0	
20	16QAM	100	0	15.12	15.17	15.10			
20	8QAM	1	0	15.04	15.14	15.03			
20	8QAM	1	49	15.15	15.22	15.17			
20	8QAM	1	99	15.10	15.06	15.14	16	0	
20	8QAM	50	0	15.04	15.15	15.04			
20	8QAM	50	24	15.11	15.16	15.00			
20	8QAM	50	50	15.03	15.17	15.06			
20	8QAM	100	0	14.93	15.14	15.12	16	0	
Channel				18675	18900	19125			
Frequency (MHz)				18675	18900	19025			
15	QPSK	1	0	14.97	15.25	15.09	16	0	
15	QPSK	1	37	14.93	14.98	15.03			
15	QPSK	1	74	14.94	15.13	15.12			
15	QPSK	36	0	15.01	15.16	14.92			
15	QPSK	36	20	14.97	15.10	15.07	16	0	
15	QPSK	36	39	15.06	14.92	15.05			
15	QPSK	75	0	14.99	15.14	15.00			
15	16QAM	1	0	14.94	15.13	14.92			
15	16QAM	1	37	14.90	15.17	15.02	16	0	
15	16QAM	1	74	14.87	15.02	15.07			
15	16QAM	36	0	15.00	14.94	14.98			
15	16QAM	36	20	14.82	15.09	14.98			
15	16QAM	36	39	14.94	15.01	14.99	16	0	
15	16QAM	75	0	15.06	15.09	15.03			
15	8QAM	1	0	15.01	15.05	14.93			
15	8QAM	1	37	15.04	15.18	15.03			
15	8QAM	1	74	15.01	14.94	15.04	16	0	
15	8QAM	36	0	14.93	15.09	14.92			
15	8QAM	36	20	15.06	15.11	14.93			
15	8QAM	36	39	14.88	15.14	14.98			
15	8QAM	75	0	14.84	15.08	15.02	16	0	
Channel				18650	18900	19150			
Frequency (MHz)				18650	18900	19050			
10	QPSK	1	0	14.98	15.15	14.98	16	0	
10	QPSK	1	25	15.01	14.97	15.05			
10	QPSK	1	49	14.97	15.02	15.10			
10	QPSK	25	0	15.08	15.09	14.99			
10	QPSK	25	12	14.94	15.05	15.09	16	0	
10	QPSK	25	25	15.07	14.97	15.03			
10	QPSK	50	0	14.91	15.08	15.00			
10	16QAM	1	0	14.96	15.10	14.95			
10	16QAM	1	25	14.91	15.17	15.10	16	0	
10	16QAM	1	49	14.93	15.14	15.04			
10	16QAM	25	0	14.95	14.91	14.93			
10	16QAM	25	12	14.83	15.06	14.95			
10	16QAM	25	25	14.97	15.01	14.97	16	0	
10	16QAM	50	0	15.03	15.06	15.02			
10	8QAM	1	0	14.91	15.03	14.92			
10	8QAM	1	25	15.03	15.12	15.08			
10	8QAM	1	49	15.04	14.97	15.06	16	0	
10	8QAM	25	0	14.94	15.07	14.91			
10	8QAM	25	12	15.06	15.01	14.90			
10	8QAM	25	25	14.92	15.11	14.93			
10	8QAM	50	0	14.83	15.08	15.05	16	0	
Channel				18625	18900	19175			
Frequency (MHz)				18625	18900	19075			
5	QPSK	1	0	14.99	15.25	15.09	16	0	
5	QPSK	1	12	14.99	14.99	15.01			
5	QPSK	1	24	14.96	15.09	15.08			
5	QPSK	12	0	15.03	15.20	14.97			
5	QPSK	12	7	15.02	15.02	14.99	16	0	
5	QPSK	12	13	15.05	15.01	14.98			
5	QPSK	25	0	14.97	15.12	15.01			
5	16QAM	1	0	14.97	15.16	15.02		16	0
5	16QAM	1	12	14.94	15.13	15.05			
5	16QAM	1	24	14.97	15.14	15.06			
5	16QAM	12	0	14.96	14.91	14.95			
5	16QAM	12	7	14.86	15.03	14.91	16	0	
5	16QAM	12	13	14.95	15.06	15.01			
5	16QAM	25	0	14.98	15.12	14.97			
5	8QAM	1	0	15.01	15.05	14.94		16	0
5	8QAM	1	12	15.11	15.16	15.07			
5	8QAM	1	24	14.98	14.97	15.05			
5	8QAM	12	0	14.96	15.10	14.90		16	0
5	8QAM	12	7	15.02	15.04	14.92			
5	8QAM	12	13	14.92	15.14	14.91			
5	8QAM	25	0	14.84	14.96	15.08			
Channel				18615	18900	19185	16	0	
Frequency (MHz)				18615	18900	19085			
3	QPSK	1	0	14.92	15.20	14.99		16	0
3	QPSK	1	8	14.95	14.93	15.06			
3	QPSK	1	14	14.92	15.10	15.02			
3	QPSK	8	0	15.06	15.10	14.87			
3	QPSK	8	4	14.95	15.03	14.99	16	0	
3	QPSK	8	7	15.05	15.01	15.03			
3	QPSK	15	0	14.89	15.13	14.93			
3	16QAM	1	0	14.94	15.05	14.96		16	0
3	16QAM	1	8	15.00	15.07	14.99			
3	16QAM	1	14	14.87	15.07	15.05			
3	16QAM	8	0	14.93	14.95	14.96			
3	16QAM	8	4	14.84	15.01	14.94	16	0	
3	16QAM	8	7	14.88	15.04	15.03			
3	16QAM	15	0	15.01	15.09	15.06			
3	8QAM	1	0	14.91	15.06	14.99		16	0
3	8QAM	1	8	15.02	15.16	15.09			
3	8QAM	1	14	14.97	15.01	15.03			
3	8QAM	8	0	14.99	15.13	14.94			
3	8QAM	8	4	15.06	15.02	14.89	16	0	
3	8QAM	8	7	14.90	15.07	15.00			
3	8QAM	15	0	14.83	15.09	15.00			
Channel				18607	18900	19193	16	0	
Frequency (MHz)				18607	18900	19093			
1.4	QPSK	1	0	14.94	15.20	15.07	16	0	
1.4	QPSK	1	3	14.94	15.02	15.12			
1.4	QPSK	1	5	14.97	15.09	15.09			
1.4	QPSK	3	0	15.08	15.16	14.94			
1.4	QPSK	3	1	14.93	15.02	15.05	16	0	
1.4	QPSK	3	3	15.04	14.93	14.98			
1.4	QPSK	6	0	14.96	15.13	14.94			
1.4	16QAM	1	0	15.04	15.12	14.98		16	0
1.4	16QAM	1	3	14.96	15.13	14.99			
1.4	16QAM	1	5	14.92	15.09	15.01			
1.4	16QAM	3	0	14.90	14.96	14.88			
1.4	16QAM	3	1	14.89	15.11	14.95	16	0	
1.4	16QAM	3	3	14.89	15.06	15.03			
1.4	16QAM	6	0	15.04	15.05	15.05			
1.4	8QAM	1	0	14.96	15.10	14.90		16	0
1.4	8QAM	1	3	15.02	15.19	15.09			
1.4	8QAM	1	5	14.98	14.99	15.08			
1.4	8QAM	3	0	14.96	15.06	14.97			
1.4	8QAM	3	1	15.02	15.10	14.99	16	0	
1.4	8QAM	3	3	14.90	15.10	14.95			



Band 7 Ant1 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20650	21100	21350				
Frequency (MHz)				22.10	23.53	25.00				
20	QPSK	1	0	16.07	16.20	16.04	17	0		
20	QPSK	1	49	16.09	16.04	15.99				
20	QPSK	1	99	16.03	16.11	15.91				
20	QPSK	50	0	16.07	16.16	15.94				
20	QPSK	50	24	16.00	16.11	15.96	17	0		
20	QPSK	50	50	15.95	16.15	15.92				
20	QPSK	100	0	15.97	16.09	15.91				
20	16QAM	1	0	16.02	16.02	15.86				
20	16QAM	1	49	15.97	16.09	15.92	17	0		
20	16QAM	1	99	15.91	16.16	15.94				
20	16QAM	50	0	15.96	16.09	15.95				
20	16QAM	50	24	15.98	16.16	16.01				
20	16QAM	50	50	16.07	16.04	15.99	17	0		
20	16QAM	100	0	16.00	16.01	15.93				
20	84QAM	1	0	15.95	16.10	15.85				
20	84QAM	1	49	15.96	16.06	15.96				
20	84QAM	1	99	16.00	16.11	15.89	17	0		
20	84QAM	50	0	15.97	16.07	15.97				
20	84QAM	50	24	15.98	16.09	16.00				
20	84QAM	50	50	15.98	16.05	16.06				
20	84QAM	100	0	16.11	16.13	15.96	17	0		
Channel				20675 <th>21100</th> <th>21375</th> <th colspan="2">Tune-up limit (dBm)</th>	21100	21375				Tune-up limit (dBm)
Frequency (MHz)				2507.5 <th>2535<th>2562.5<th colspan="2">MPR (dB)</th></th></th>	2535 <th>2562.5<th colspan="2">MPR (dB)</th></th>	2562.5 <th colspan="2">MPR (dB)</th>	MPR (dB)			
15	QPSK	1	0	15.99	16.10	15.93	17			0
15	QPSK	1	37	16.03	15.90	15.88				
15	QPSK	1	74	15.94	15.98	15.83				
15	QPSK	36	0	16.00	16.06	15.88				
15	QPSK	36	20	15.94	16.03	15.89	17	0		
15	QPSK	36	39	15.83	16.06	15.78				
15	QPSK	75	0	15.94	15.93	15.86				
15	16QAM	1	0	15.94	15.90	15.77				
15	16QAM	1	37	15.84	15.98	15.80	17	0		
15	16QAM	1	74	15.86	16.01	15.87				
15	16QAM	36	0	15.93	16.02	15.91				
15	16QAM	36	20	15.86	16.11	15.91				
15	16QAM	36	39	15.97	15.89	15.93	17	0		
15	16QAM	75	0	15.94	15.93	15.86				
15	84QAM	1	0	15.91	15.96	15.72				
15	84QAM	1	37	15.82	15.93	15.86	17	0		
15	84QAM	1	74	15.96	16.01	15.83				
15	84QAM	36	0	15.91	15.93	15.83				
15	84QAM	36	20	15.93	16.05	15.93				
15	84QAM	36	39	15.90	15.96	15.99	17	0		
15	84QAM	75	0	15.98	16.02	15.87				
Channel				20600	21100	21400	Tune-up limit (dBm)			
Frequency (MHz)				2505 <th>2535<th>2565</th><th colspan="2">MPR (dB)</th></th>	2535 <th>2565</th> <th colspan="2">MPR (dB)</th>	2565	MPR (dB)			
10	QPSK	1	0	15.95	16.10	15.95	17	0		
10	QPSK	1	25	15.98	15.91	15.94				
10	QPSK	1	49	15.91	16.01	15.84				
10	QPSK	25	0	16.00	16.04	15.83				
10	QPSK	25	12	15.89	15.97	15.84	17	0		
10	QPSK	25	24	15.83	16.00	15.79				
10	QPSK	50	0	15.86	15.95	15.87				
10	16QAM	1	0	15.90	15.87	15.75				
10	16QAM	1	25	15.83	15.97	15.84	17	0		
10	16QAM	1	49	15.81	16.10	15.84				
10	16QAM	25	0	15.86	15.95	15.86				
10	16QAM	25	12	15.89	16.04	15.87				
10	16QAM	25	25	16.02	15.93	15.90	17	0		
10	16QAM	50	0	15.91	15.96	15.81				
10	84QAM	1	0	15.86	16.05	15.76				
10	84QAM	1	25	15.87	15.96	15.81	17	0		
10	84QAM	1	49	15.88	16.00	15.81				
10	84QAM	25	0	15.84	16.03	15.92				
10	84QAM	25	12	15.88	16.04	15.82				
10	84QAM	25	25	15.92	15.99	15.92	17	0		
10	84QAM	50	0	15.98	16.02	15.89				
Channel				20775	21100	21425	Tune-up limit (dBm)			
Frequency (MHz)				2502.5 <th>2535<th>2567.5</th><th colspan="2">MPR (dB)</th></th>	2535 <th>2567.5</th> <th colspan="2">MPR (dB)</th>	2567.5	MPR (dB)			
5	QPSK	1	0	15.95	16.06	15.94	17	0		
5	QPSK	1	12	15.97	15.93	15.93				
5	QPSK	1	24	15.91	16.08	15.81				
5	QPSK	12	0	16.03	16.11	15.81				
5	QPSK	12	7	15.87	15.99	15.83	17	0		
5	QPSK	12	13	15.81	16.10	15.77				
5	QPSK	25	0	15.91	16.01	15.86				
5	16QAM	1	0	15.91	15.88	15.83				
5	16QAM	1	12	15.84	15.97	15.81	17	0		
5	16QAM	1	24	15.84	16.07	15.87				
5	16QAM	12	0	15.89	16.03	15.82				
5	16QAM	12	7	15.83	16.04	15.96				
5	16QAM	12	13	15.95	15.94	15.90	17	0		
5	16QAM	25	0	15.86	15.91	15.89				
5	84QAM	1	0	15.89	15.95	15.73				
5	84QAM	1	12	15.92	15.94	15.81	17	0		
5	84QAM	1	24	15.93	16.00	15.79				
5	84QAM	12	0	15.90	15.94	15.85				
5	84QAM	12	7	15.89	15.98	15.91				
5	84QAM	12	13	15.91	15.97	15.97	17	0		
5	84QAM	25	0	15.97	16.03	15.87				

Band 12 Ant1 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23060	23095	23130					
Frequency (MHz)											
10	QPSK	1	0	24.35	24.30	24.30	25.5	0			
10	QPSK	1	25	24.20	24.30	24.26					
10	QPSK	1	49	24.39	24.38	24.27					
10	QPSK	25	0	23.27	23.37	23.31					
10	QPSK	25	12	23.26	23.26	23.15	24.5	1			
10	QPSK	25	25	23.08	23.15	23.14					
10	QPSK	50	0	23.21	23.32	23.21					
10	16QAM	1	0	23.44	23.50	23.44					
10	16QAM	1	25	23.31	23.38	23.24	24.5	1			
10	16QAM	1	49	23.39	23.38	23.29					
10	16QAM	25	0	22.39	22.56	22.42					
10	16QAM	25	12	22.37	22.46	22.31					
10	16QAM	25	25	22.45	22.54	22.42	23.5	2			
10	16QAM	50	0	22.51	22.57	22.57					
10	84QAM	1	0	22.57	22.60	22.60					
10	84QAM	1	25	22.46	22.55	22.47	23.5	2			
10	84QAM	1	49	22.48	22.50	22.35					
10	84QAM	25	0	21.51	21.57	21.51					
10	84QAM	25	12	21.38	21.45	21.40					
10	84QAM	25	25	21.40	21.45	21.47	22.5	3			
10	84QAM	50	0	21.46	21.48	21.36					
Channel				23035	23095	23155	Tune-up limit (dBm)				
Frequency (MHz)											
5	QPSK	1	0	24.32	24.39	24.21	25.5	0			
5	QPSK	1	12	24.15	24.27	24.20					
5	QPSK	1	24	24.28	24.26	24.17					
5	QPSK	12	0	23.13	23.25	23.24					
5	QPSK	12	7	23.19	23.13	23.04	24.5	1			
5	QPSK	12	13	23.31	23.03	23.00					
5	QPSK	25	0	23.16	23.29	23.17					
5	16QAM	1	0	23.34	23.44	23.39					
5	16QAM	1	12	23.19	23.29	23.19	24.5	1			
5	16QAM	1	24	23.24	23.29	23.18	23.5	2			
5	16QAM	12	0	22.25	22.45	22.36					
5	16QAM	12	7	22.30	22.31	22.26					
5	16QAM	12	13	22.30	22.43	22.35					
5	16QAM	25	0	22.45	22.50	22.44	23.5	2			
5	84QAM	1	0	22.45	22.51	22.47					
5	84QAM	1	12	22.36	22.52	22.43					
5	84QAM	1	24	22.36	22.40	22.32					
5	84QAM	12	0	21.45	21.43	21.43	22.5	3			
5	84QAM	12	7	21.24	21.32	21.21					
5	84QAM	12	13	21.27	21.35	21.34					
5	84QAM	25	0	21.40	21.33	21.22					
Channel				23025	23095	23155	Tune-up limit (dBm)				
Frequency (MHz)											
3	QPSK	1	0	24.25	24.34	24.18	25.5	0			
3	QPSK	1	8	24.05	24.25	24.19					
3	QPSK	1	14	24.29	24.27	24.14					
3	QPSK	8	0	23.23	23.23	23.24					
3	QPSK	8	4	23.11	23.17	23.07	24.5	1			
3	QPSK	8	8	23.04	23.19	23.08					
3	QPSK	15	0	23.09	23.19	23.09					
3	16QAM	1	0	23.40	23.35	23.35					
3	16QAM	1	8	23.26	23.25	23.10	24.5	1			
3	16QAM	1	14	23.30	23.29	23.25					
3	16QAM	8	0	22.33	22.28	22.35					
3	16QAM	8	4	22.29	22.39	22.27					
3	16QAM	8	8	22.29	22.30	22.22	23.5	2			
3	16QAM	15	0	22.46	22.50	22.45					
3	84QAM	1	0	22.48	22.55	22.49					
3	84QAM	1	8	22.31	22.48	22.37					
3	84QAM	1	14	22.45	22.44	22.29	23.5	2			
3	84QAM	8	0	21.46	21.49	21.38					
3	84QAM	8	4	21.31	21.34	21.32					
3	84QAM	8	8	21.32	21.39	21.42					
3	84QAM	15	0	21.39	21.40	21.23	22.5	3			
Channel				23017	23095	23173				Tune-up limit (dBm)	
Frequency (MHz)											
1.4	QPSK	1	0	24.26	24.39	24.14	25.5			0	
1.4	QPSK	1	3	24.06	24.17	24.06					
1.4	QPSK	1	5	24.21	24.23	24.13					
1.4	QPSK	3	0	24.14	24.22	24.14					
1.4	QPSK	3	1	24.13	24.09	24.02	24.5	1			
1.4	QPSK	3	3	23.96	24.00	24.02					
1.4	QPSK	6	0	23.04	23.18	23.05					
1.4	16QAM	1	0	23.33	23.35	23.25					
1.4	16QAM	1	3	23.22	23.32	23.16	24.5	1			
1.4	16QAM	1	5	23.24	23.23	23.15					
1.4	16QAM	3	0	23.31	23.45	23.28					
1.4	16QAM	3	3	23.32	23.39	23.22					
1.4	16QAM	3	3	23.35	23.42	23.29	23.5	2			
1.4	16QAM	6	0	22.46	22.42	22.44					
1.4	84QAM	1	0	22.47	22.49	22.53					
1.4	84QAM	1	3	22.35	22.41	22.40					
1.4	84QAM	1	5	22.36	22.44	22.35	23.5	2			
1.4	84QAM	3	0	22.41	22.42	22.35					
1.4	84QAM	3	3	22.39	22.39	22.24					
1.4	84QAM	3	3	22.28	22.29	22.37					
1.4	84QAM	6	0	21.30	21.35	21.27	22.5	3			

Band 17 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.31	24.49	24.39	25.5	0	
10	QPSK	1	25	24.30	24.44	24.39			
10	QPSK	1	49	24.24	24.28	24.24			
10	QPSK	25	0	23.49	23.55	23.42	24.5	1	
10	QPSK	25	12	23.41	23.51	23.38			
10	QPSK	25	25	23.50	23.50	23.39			
10	QPSK	50	0	23.36	23.47	23.36	24.5	1	
10	16QAM	1	0	23.45	23.53	23.42			
10	16QAM	1	25	23.41	23.42	23.23			
10	16QAM	1	49	23.30	23.44	23.41	23.5	2	
10	16QAM	25	0	22.51	22.57	22.42			
10	16QAM	25	12	22.43	22.46	22.42			
10	16QAM	25	25	22.33	22.45	22.38	23.5	2	
10	16QAM	50	0	22.45	22.52	22.43			
10	64QAM	1	0	22.59	22.80	22.54			
10	64QAM	1	25	22.48	22.53	22.45	23.5	2	
10	64QAM	1	49	22.56	22.61	22.46			
10	64QAM	25	0	21.40	21.47	21.38			
10	64QAM	25	12	21.42	21.45	21.32	22.5	3	
10	64QAM	25	25	21.40	21.42	21.39			
10	64QAM	50	0	21.51	21.57	21.45			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.42	24.30	25.5	0	
5	QPSK	1	12	24.19	24.33	24.23			
5	QPSK	1	24	24.14	24.21	24.18			
5	QPSK	12	0	23.36	23.43	23.31	24.5	1	
5	QPSK	12	7	23.32	23.41	23.29			
5	QPSK	12	13	23.30	23.41	23.33			
5	QPSK	25	0	23.15	23.37	23.17	24.5	1	
5	16QAM	1	0	23.35	23.43	23.24			
5	16QAM	1	12	23.27	23.29	23.15			
5	16QAM	1	24	23.20	23.30	23.37	23.5	2	
5	16QAM	12	0	22.44	22.46	22.32			
5	16QAM	12	7	22.24	22.28	22.31			
5	16QAM	12	13	22.19	22.36	22.25	23.5	2	
5	16QAM	25	0	22.29	22.34	22.36			
5	64QAM	1	0	22.45	22.50	22.47			
5	64QAM	1	12	22.40	22.38	22.31	23.5	2	
5	64QAM	1	24	22.42	22.51	22.29			
5	64QAM	12	0	21.33	21.30	21.26			
5	64QAM	12	7	21.30	21.30	21.23	22.5	3	
5	64QAM	12	13	21.22	21.35	21.27			
5	64QAM	25	0	21.32	21.50	21.36			

Band 26 Ant1 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				26765	26865	26965					
Frequency (MHz)				812.5	831.5	841.5					
15	QPSK	1	0	24.50	24.66	24.55	25.5	0			
15	QPSK	1	37	24.48	24.52	24.48					
15	QPSK	1	74	24.52	24.64	24.58					
15	QPSK	36	0	23.49	23.62	23.58	24.5	1			
15	QPSK	36	20	23.47	23.59	23.52					
15	QPSK	36	39	23.44	23.50	23.37					
15	QPSK	75	0	23.38	23.58	23.45	24.5	1			
15	16QAM	1	0	23.64	23.65	23.64					
15	16QAM	1	37	23.49	23.63	23.52					
15	16QAM	1	74	23.51	23.54	23.49	23.5	2			
15	16QAM	36	0	22.61	22.63	22.52					
15	16QAM	36	20	22.50	22.58	22.46					
15	16QAM	36	39	22.56	22.59	22.45	22.5	3			
15	16QAM	75	0	22.50	22.51	22.45					
15	64QAM	1	0	22.80	22.72	22.59					
15	64QAM	1	37	22.49	22.66	22.51	22.5	3			
15	64QAM	1	74	22.52	22.58	22.59					
15	64QAM	36	0	21.57	21.67	21.54					
15	64QAM	36	20	21.47	21.54	21.40	22.5	3			
15	64QAM	36	39	21.56	21.56	21.50					
15	64QAM	75	0	21.43	21.49	21.46					
Channel				819	831.5	844				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	24.45	24.54	24.47	25.5	0			
10	QPSK	1	25	24.42	24.41	24.38					
10	QPSK	1	49	24.49	24.49	24.52					
10	QPSK	25	0	23.42	23.57	23.52	24.5	1			
10	QPSK	25	12	23.33	23.55	23.46					
10	QPSK	25	25	23.31	23.59	23.30					
10	QPSK	50	0	23.34	23.46	23.31	24.5	1			
10	16QAM	1	0	23.50	23.60	23.56					
10	16QAM	1	25	23.45	23.49	23.42					
10	16QAM	1	49	23.39	23.50	23.40	23.5	2			
10	16QAM	25	0	22.57	22.55	22.47					
10	16QAM	25	12	22.41	22.46	22.37					
10	16QAM	25	25	22.50	22.54	22.38	23.5	2			
10	16QAM	50	0	22.40	22.46	22.40					
10	64QAM	1	0	22.51	22.66	22.53					
10	64QAM	1	25	22.35	22.56	22.44	23.5	2			
10	64QAM	1	49	22.48	22.46	22.53					
10	64QAM	25	0	21.50	21.59	21.41					
10	64QAM	25	12	21.40	21.49	21.29	22.5	3			
10	64QAM	25	25	21.44	21.52	21.40					
10	64QAM	50	0	21.35	21.43	21.32					
Channel				26715	26865	27015				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	24.40	24.61	24.43	25.5	0			
5	QPSK	1	12	24.45	24.41	24.35					
5	QPSK	1	24	24.40	24.50	24.52					
5	QPSK	12	0	23.44	23.55	23.48	24.5	1			
5	QPSK	12	7	23.41	23.52	23.49					
5	QPSK	12	13	23.34	23.36	23.32					
5	QPSK	25	0	23.43	23.43	23.42	24.5	1			
5	16QAM	1	0	23.54	23.53	23.49					
5	16QAM	1	12	23.35	23.52	23.40					
5	16QAM	1	24	23.42	23.50	23.42	24.5	1			
5	16QAM	12	0	22.51	22.57	22.37					
5	16QAM	12	7	22.44	22.54	22.41					
5	16QAM	12	13	22.52	22.46	22.32	23.5	2			
5	16QAM	25	0	22.37	22.39	22.31					
5	64QAM	1	0	22.52	22.67	22.49					
5	64QAM	1	12	22.39	22.58	22.41	23.5	2			
5	64QAM	1	24	22.37	22.46	22.50					
5	64QAM	12	0	21.49	21.60	21.50					
5	64QAM	12	7	21.35	21.50	21.29	22.5	3			
5	64QAM	12	13	21.45	21.45	21.44					
5	64QAM	25	0	21.29	21.40	21.43					
Channel				26705	26865	27025				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	24.46	24.59	24.41	25.5	0			
3	QPSK	1	8	24.39	24.39	24.44					
3	QPSK	1	14	24.38	24.57	24.48					
3	QPSK	8	0	23.42	23.51	23.43	24.5	1			
3	QPSK	8	4	23.44	23.45	23.48					
3	QPSK	8	7	23.30	23.41	23.33					
3	QPSK	15	0	23.43	23.55	23.33	24.5	1			
3	16QAM	1	0	23.57	23.54	23.50					
3	16QAM	1	8	23.42	23.51	23.45	24.5	1			
3	16QAM	1	14	23.41	23.43	23.35					
3	16QAM	8	0	22.57	22.50	22.42					
3	16QAM	8	4	22.46	22.46	22.35	23.5	2			
3	16QAM	8	7	22.35	22.39	22.31					
3	16QAM	15	0	22.40	22.47	22.40					
3	64QAM	1	0	22.46	22.63	22.52	23.5	2			
3	64QAM	1	8	22.45	22.56	22.43					
3	64QAM	1	14	22.37	22.51	22.51					
3	64QAM	8	0	21.48	21.58	21.39	22.5	3			
3	64QAM	8	4	21.36	21.41	21.35					
3	64QAM	8	7	21.24	21.35	21.28					
3	64QAM	15	0	21.34	21.44	21.42					
Channel				26697	26865	27033				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	24.42	24.56	24.46	25.5	0			
1.4	QPSK	1	3	24.34	24.41	24.38					
1.4	QPSK	1	5	24.45	24.49	24.44					
1.4	QPSK	3	0	24.35	24.49	24.44	24.5	1			
1.4	QPSK	3	1	24.38	24.47	24.40					
1.4	QPSK	3	3	24.31	24.41	24.28					
1.4	QPSK	6	0	23.37	23.47	23.31	24.5	1			
1.4	16QAM	1	0	23.56	23.59	23.59					
1.4	16QAM	1	3	23.37	23.58	23.40					
1.4	16QAM	1	5	23.34	23.44	23.35	24.5	1			
1.4	16QAM	3	0	23.57	23.55	23.38					
1.4	16QAM	3	1	23.38	23.51	23.31					
1.4	16QAM	3	3	23.51	23.47	23.36	23.5	2			
1.4	16QAM	6	0	22.45	22.43	22.37					
1.4	64QAM	1	0	22.48	22.67	22.52					
1.4	64QAM	1	3	22.37	22.56	22.40	23.5	2			
1.4	64QAM	1	5	22.49	22.49	22.52					
1.4	64QAM	3	0	22.49	22.63	22.42					
1.4	64QAM	3	1	22.38	22.47	22.28	22.5	3			
1.4	64QAM	3	3	22.42	22.51	22.39					
1.4	64QAM	6	0	21.40	21.44	21.40					

Band 38 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	17.04	17.11	17.06	18	0	
20	QPSK	1	49	16.72	16.93	16.72			
20	QPSK	1	99	16.81	16.88	16.85			
20	QPSK	50	0	16.79	16.97	16.73			
20	QPSK	50	24	16.76	16.96	16.86	18	0	
20	QPSK	50	50	16.59	16.83	16.74			
20	QPSK	100	0	16.84	16.88	16.87			
20	16QAM	1	0	16.74	16.81	16.73			
20	16QAM	1	49	16.72	16.85	16.80	18	0	
20	16QAM	1	99	16.69	16.92	16.69			
20	16QAM	50	0	16.68	16.92	16.86			
20	16QAM	50	24	16.65	16.87	16.79			
20	16QAM	50	50	16.83	16.92	16.91	18	0	
20	16QAM	100	0	16.64	16.79	16.70			
20	64QAM	1	0	16.61	16.84	16.74			
20	64QAM	1	49	16.81	16.88	16.79	18	0	
20	64QAM	1	99	16.67	16.89	16.73			
20	64QAM	50	0	16.81	16.89	16.86			
20	64QAM	50	24	16.73	16.96	16.92			
20	64QAM	50	50	16.72	16.85	16.81	18	0	
20	64QAM	100	0	16.74	16.97	16.79			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	16.78	17.02	16.93	18	0	
15	QPSK	1	37	16.75	16.88	16.94			
15	QPSK	1	74	16.77	16.99	16.95			
15	QPSK	36	0	16.87	17.04	16.85			
15	QPSK	36	20	16.76	17.02	16.95	18	0	
15	QPSK	36	39	16.78	16.94	16.97			
15	QPSK	75	0	16.78	16.94	16.88			
15	16QAM	1	0	16.76	16.98	16.81			
15	16QAM	1	37	16.90	16.95	16.94	18	0	
15	16QAM	1	74	16.74	16.95	16.93			
15	16QAM	36	0	16.89	16.95	16.88			
15	16QAM	36	20	16.90	17.00	16.91			
15	16QAM	36	39	16.74	16.97	16.81	18	0	
15	16QAM	75	0	16.90	16.93	16.85			
15	64QAM	1	0	16.86	16.90	16.81			
15	64QAM	1	37	16.77	17.05	16.82			
15	64QAM	1	74	16.84	17.01	16.89	18	0	
15	64QAM	36	0	16.82	16.92	16.88			
15	64QAM	36	20	16.91	16.91	16.88			
15	64QAM	36	39	16.78	16.89	16.95			
15	64QAM	75	0	16.86	17.03	16.85	18	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.88	16.88	16.83		18	
10	QPSK	1	25	16.82	16.92	16.89			
10	QPSK	1	49	16.80	16.92	16.98			
10	QPSK	25	0	16.79	17.02	16.93			
10	QPSK	25	12	16.76	16.94	16.87	18	0	
10	QPSK	25	25	16.76	17.01	16.83			
10	QPSK	50	0	16.78	17.02	16.84			
10	16QAM	1	0	16.89	17.02	16.80			
10	16QAM	1	25	16.82	16.99	16.94	18	0	
10	16QAM	1	49	16.76	17.03	16.88			
10	16QAM	25	0	16.88	16.92	16.85			
10	16QAM	25	12	16.75	16.89	16.82			
10	16QAM	25	25	16.76	16.98	16.83	18	0	
10	16QAM	50	0	16.76	16.94	16.82			
10	64QAM	1	0	16.75	16.97	16.95			
10	64QAM	1	25	16.90	17.01	16.87			
10	64QAM	1	49	16.90	17.01	16.83	18	0	
10	64QAM	25	0	16.75	16.97	16.91			
10	64QAM	25	12	16.75	16.98	16.91			
10	64QAM	25	25	16.84	17.01	16.92			
10	64QAM	50	0	16.79	17.02	16.95	18	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	16.82	17.02	16.95		18	
5	QPSK	1	12	16.78	16.92	16.84			
5	QPSK	1	24	16.84	16.97	16.92			
5	QPSK	12	0	16.75	17.00	16.92			
5	QPSK	12	7	16.77	16.95	16.87	18	0	
5	QPSK	12	13	16.83	17.02	16.88			
5	QPSK	25	0	16.78	16.98	16.92			
5	16QAM	1	0	16.87	16.94	16.95			
5	16QAM	1	12	16.81	16.98	16.84	18	0	
5	16QAM	1	24	16.84	16.99	16.88			
5	16QAM	12	0	16.77	16.92	16.95			
5	16QAM	12	7	16.91	16.88	16.86			
5	16QAM	12	13	16.77	17.04	16.94	18	0	
5	16QAM	25	0	16.85	16.89	16.90			
5	64QAM	1	0	16.89	16.95	16.80			
5	64QAM	1	12	16.88	17.00	16.89			
5	64QAM	1	24	16.92	16.98	16.89	18	0	
5	64QAM	12	0	16.85	17.02	16.98			
5	64QAM	12	7	16.90	16.89	16.91			
5	64QAM	12	13	16.76	17.04	16.93			
5	64QAM	25	0	16.90	16.99	16.89	18	0	

Band 41 Ant1 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.96	17.11	17.17	17.06	17.12	18	0
20	QPSK	1	49	16.92	16.88	17.01	16.92	17.05		
20	QPSK	1	99	16.87	16.94	17.02	16.89	17.04		
20	QPSK	50	0	16.84	16.89	17.12	16.86	17.05		
20	QPSK	50	24	16.83	17.00	17.02	16.91	17.02	18	0
20	QPSK	50	50	16.80	16.87	17.05	16.88	17.00		
20	QPSK	100	0	16.82	16.97	17.05	16.94	16.91		
20	16QAM	1	0	16.92	16.91	17.02	17.03	16.97		
20	16QAM	1	49	16.87	16.97	17.10	16.84	16.91	18	0
20	16QAM	1	99	16.84	16.98	17.08	16.89	17.03		
20	16QAM	50	0	16.89	16.93	16.93	16.88	17.01		
20	16QAM	50	24	16.83	16.88	17.03	16.86	16.92		
20	16QAM	50	50	16.85	16.85	17.00	16.91	17.05	18	0
20	16QAM	100	0	16.79	16.92	17.09	16.85	16.96		
20	64QAM	1	0	16.84	16.94	16.94	16.90	17.10		
20	64QAM	1	49	16.80	16.92	17.08	16.94	16.92		
20	64QAM	1	99	16.87	16.99	17.08	16.89	17.05	18	0
20	64QAM	50	0	16.86	16.99	17.08	16.93	16.92		
20	64QAM	50	24	16.81	16.87	17.06	16.89	17.01		
20	64QAM	50	50	16.91	17.06	17.08	17.01	17.03		
20	64QAM	100	0	16.80	16.94	17.08	16.84	17.05	18	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	16.88	16.97	17.04	17.02	17.13	18	0
15	QPSK	1	37	16.84	16.75	16.96	16.82	16.94		
15	QPSK	1	74	16.81	16.84	16.95	16.85	16.97		
15	QPSK	36	0	16.71	16.76	17.01	16.79	17.00		
15	QPSK	36	20	16.79	16.91	16.87	16.85	16.93	18	0
15	QPSK	36	39	16.66	16.73	16.96	16.80	16.93		
15	QPSK	75	0	16.76	16.88	17.00	16.88	16.83		
15	16QAM	1	0	16.77	16.86	16.97	16.99	16.91		
15	16QAM	1	37	16.83	16.86	16.98	16.78	16.76	18	0
15	16QAM	1	74	16.75	16.92	16.97	16.81	16.89		
15	16QAM	36	0	16.77	16.79	16.84	16.84	16.98		
15	16QAM	36	20	16.72	16.74	16.94	16.72	16.80		
15	16QAM	36	39	16.78	16.72	16.91	16.77	16.99	18	0
15	16QAM	75	0	16.67	16.87	16.94	16.72	16.83		
15	64QAM	1	0	16.72	16.85	16.79	16.86	16.98		
15	64QAM	1	37	16.68	16.80	16.96	16.80	16.89		
15	64QAM	1	74	16.73	16.93	16.99	16.86	16.95	18	0
15	64QAM	36	0	16.81	16.90	16.98	16.85	16.89		
15	64QAM	36	20	16.78	16.81	17.01	16.84	16.96		
15	64QAM	36	39	16.84	16.93	17.01	16.91	16.97		
15	64QAM	75	0	16.66	16.82	16.94	16.73	16.93	18	0
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	16.88	16.97	17.07	17.00	17.05	18	0
10	QPSK	1	25	16.81	16.82	16.96	16.84	16.92		
10	QPSK	1	49	16.80	16.81	16.93	16.82	16.98		
10	QPSK	25	0	16.73	16.76	16.99	16.73	16.94		
10	QPSK	25	12	16.76	16.88	16.89	16.85	16.88	18	0
10	QPSK	25	25	16.74	16.79	16.93	16.76	16.91		
10	QPSK	50	0	16.70	16.92	16.97	16.80	16.81		
10	16QAM	1	0	16.80	16.78	16.92	16.92	16.91		
10	16QAM	1	25	16.84	16.91	16.98	16.71	16.79	18	0
10	16QAM	1	49	16.75	16.91	17.04	16.77	16.92		
10	16QAM	25	0	16.78	16.81	16.88	16.77	16.89		
10	16QAM	25	12	16.70	16.80	16.91	16.82	16.85		
10	16QAM	25	25	16.77	16.81	16.86	16.86	16.94	18	0
10	16QAM	50	0	16.70	16.86	16.95	16.75	16.85		
10	64QAM	1	0	16.72	16.82	16.90	16.85	16.97		
10	64QAM	1	25	16.70	16.80	16.98	16.88	16.77		
10	64QAM	1	49	16.73	16.88	16.99	16.86	16.97	18	0
10	64QAM	25	0	16.75	16.89	17.01	16.82	16.83		
10	64QAM	25	12	16.69	16.78	16.97	16.85	16.97		
10	64QAM	25	25	16.88	16.93	16.98	16.96	16.99		
10	64QAM	50	0	16.68	16.80	16.97	16.76	16.99	18	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.93	16.99	17.01	16.97	17.01	18.00	0
5	QPSK	1	12	16.87	16.81	16.98	16.88	16.94		
5	QPSK	1	24	16.78	16.85	16.90	16.84	16.94		
5	QPSK	12	0	16.77	16.82	16.99	16.74	16.94		
5	QPSK	12	7	16.78	16.94	16.88	16.85	16.94	18	0
5	QPSK	12	13	16.65	16.78	16.92	16.82	16.92		
5	QPSK	25	0	16.77	16.87	16.96	16.90	16.86		
5	16QAM	1	0	16.83	16.77	16.92	17.00	16.85		
5	16QAM	1	12	16.72	16.88	17.01	16.71	16.76	18	0
5	16QAM	1	24	16.70	16.91	16.98	16.76	16.99		
5	16QAM	12	0	16.83	16.90	16.80	16.73	16.97		
5	16QAM	12	7	16.78	16.78	16.96	16.77	16.87		
5	16QAM	12	13	16.70	16.77	16.94	16.82	16.96	18	0
5	16QAM	25	0	16.73	16.80	16.97	16.76	16.87		
5	64QAM	1	0	16.76	16.87	16.89	16.75	16.98		
5	64QAM	1	12	16.69	16.79	17.00	16.89	16.87		
5	64QAM	1	24	16.83	16.87	17.00	16.85	16.96	18	0
5	64QAM	12	0	16.77	16.88	16.95	16.87	16.87		
5	64QAM	12	7	16.75	16.78	16.91	16.77	16.96		
5	64QAM	12	13	16.87	16.92	16.96	16.95	16.94		
5	64QAM	25	0	16.67	16.87	16.94	16.79	16.97	18	0

Reduced Power Mode for DSI 2

GSM850 Ant0 Default								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.86	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.38	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 Default								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.49	29.69	29.65	30.50	20.49	20.69	20.65	21.50
GPRS 1 Tx slot	29.49	29.61	29.57	30.50	20.49	20.61	20.57	21.50
GPRS 2 Tx slots	25.06	25.77	25.74	26.70	19.66	19.77	19.74	20.70
GPRS 3 Tx slots	23.77	24.06	23.88	25.00	19.51	19.80	19.62	20.74
GPRS 4 Tx slots	22.58	22.72	22.71	24.00	19.58	19.72	19.71	21.00
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.10	17.48	17.63	17.60	18.84
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA II Ant0 Default								
WCDMA II				Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
Band	9262	8400	9538		1312	1413	1513	
TX Channel	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	24.28	24.41	24.35	25.50	24.26	24.39	24.21	25.50
3GPP Rel 99	24.33	24.45	24.40	25.50	24.37	24.46	24.26	25.50
3GPP Rel 6	23.22	23.38	23.25	24.00	23.32	23.37	23.20	24.00
3GPP Rel 6	23.30	23.46	23.33	24.00	23.33	23.44	23.26	24.00
3GPP Rel 6	22.84	22.87	22.90	23.50	22.87	22.95	22.78	23.50
3GPP Rel 6	22.74	22.89	22.83	23.50	22.83	22.83	22.73	23.50
3GPP Rel 8	23.16	23.31	23.24	24.00	23.20	23.38	23.11	24.00
3GPP Rel 8	23.08	23.28	23.25	24.00	23.13	23.24	23.18	24.00
3GPP Rel 8	22.67	22.81	22.74	23.50	22.71	22.77	22.66	23.50
3GPP Rel 8	22.71	22.90	22.78	23.50	22.81	22.85	22.62	23.50
3GPP Rel 6	23.31	23.43	23.34	24.00	23.35	23.41	23.26	24.00
3GPP Rel 6	21.20	21.37	21.24	22.00	21.25	21.37	21.10	22.00
3GPP Rel 6	22.24	22.33	22.20	23.00	22.25	22.34	22.10	23.00
3GPP Rel 6	21.20	21.30	21.15	22.00	21.28	21.36	21.05	22.00
3GPP Rel 6	23.30	23.44	23.39	24.00	23.36	23.45	23.25	24.00
WCDMA V Ant0 Default								
WCDMA V				Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
Band	4132	4182	4233		4357	4407	4458	
TX Channel	826.4	836.4	846.6		826.4	836.4	846.6	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	24.28	24.41	24.35	25.50	24.26	24.39	24.21	25.50
3GPP Rel 99	24.33	24.45	24.40	25.50	24.37	24.46	24.26	25.50
3GPP Rel 6	23.22	23.38	23.25	24.00	23.32	23.37	23.20	24.00
3GPP Rel 6	23.30	23.46	23.33	24.00	23.33	23.44	23.26	24.00
3GPP Rel 6	22.84	22.87	22.90	23.50	22.87	22.95	22.78	23.50
3GPP Rel 6	22.74	22.89	22.83	23.50	22.83	22.83	22.73	23.50
3GPP Rel 8	23.16	23.31	23.24	24.00	23.20	23.38	23.11	24.00
3GPP Rel 8	23.08	23.28	23.25	24.00	23.13	23.24	23.18	24.00
3GPP Rel 8	22.67	22.81	22.74	23.50	22.71	22.77	22.66	23.50
3GPP Rel 8	22.71	22.90	22.78	23.50	22.81	22.85	22.62	23.50
3GPP Rel 6	23.31	23.43	23.34	24.00	23.35	23.41	23.26	24.00
3GPP Rel 6	21.20	21.37	21.24	22.00	21.25	21.37	21.10	22.00
3GPP Rel 6	22.24	22.33	22.20	23.00	22.25	22.34	22.10	23.00
3GPP Rel 6	21.20	21.30	21.15	22.00	21.28	21.36	21.05	22.00
3GPP Rel 6	23.30	23.44	23.39	24.00	23.36	23.45	23.25	24.00

Band 2 Ant0 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				18700	18900	19100		
20	QPSK	1	0	23.98	24.13	24.06	25	0
20	QPSK	1	49	23.93	24.07	23.94		
20	QPSK	1	99	23.81	23.91	23.78		
20	QPSK	50	0	22.93	23.07	22.93	24	1
20	QPSK	50	24	22.92	23.04	22.98		
20	QPSK	50	50	22.86	22.96	22.90		
20	QPSK	100	0	22.89	22.98	22.91	24	1
20	16QAM	1	0	22.91	23.01	22.99		
20	16QAM	1	49	22.83	22.88	22.87		
20	16QAM	1	99	22.96	22.97	22.87	23	2
20	16QAM	50	0	21.94	21.96	21.89		
20	16QAM	50	24	21.77	21.87	21.74		
20	16QAM	50	50	21.74	21.87	21.79	23	2
20	16QAM	100	0	21.93	21.98	21.93		
20	64QAM	1	0	21.87	21.95	21.88		
20	64QAM	1	49	21.76	21.87	21.74	22	3
20	64QAM	1	99	21.70	21.84	21.81		
20	64QAM	50	0	21.03	21.07	21.02		
20	64QAM	50	24	20.95	20.97	20.87	22	3
20	64QAM	50	50	20.88	21.02	20.99		
20	64QAM	100	0	21.03	21.04	20.91		
Channel								
Frequency (MHz)								
				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.93	24.02	24.01	25	0
15	QPSK	1	37	23.82	24.01	23.85		
15	QPSK	1	74	23.73	23.77	23.70		
15	QPSK	36	0	22.88	22.93	22.79	24	1
15	QPSK	36	20	22.79	22.90	22.87		
15	QPSK	36	39	22.80	22.90	22.86		
15	QPSK	75	0	22.82	22.94	22.80	24	1
15	16QAM	1	0	22.81	22.97	22.88		
15	16QAM	1	37	22.71	22.76	22.80		
15	16QAM	1	74	22.88	22.93	22.84	23	2
15	16QAM	36	0	21.80	21.87	21.76		
15	16QAM	36	20	21.73	21.84	21.63		
15	16QAM	36	39	21.71	21.77	21.72	23	2
15	16QAM	75	0	21.86	21.86	21.79		
15	64QAM	1	0	21.76	21.83	21.76		
15	64QAM	1	37	21.64	21.79	21.65	22	3
15	64QAM	1	74	21.61	21.73	21.78		
15	64QAM	36	0	20.95	20.99	20.89		
15	64QAM	36	20	20.90	20.94	20.74	22	3
15	64QAM	36	39	20.79	20.89	20.92		
15	64QAM	75	0	20.97	21.00	20.81		
Channel								
Frequency (MHz)								
				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	23.92	23.99	24.03	25	0
10	QPSK	1	25	23.89	24.04	23.81		
10	QPSK	1	49	23.66	23.77	23.68		
10	QPSK	25	0	22.89	23.02	22.84	24	1
10	QPSK	25	12	22.84	23.00	22.93		
10	QPSK	25	25	22.79	22.84	22.76		
10	QPSK	50	0	22.76	22.91	22.85	24	1
10	16QAM	1	0	22.83	22.97	22.87		
10	16QAM	1	25	22.76	22.86	22.76		
10	16QAM	1	49	22.85	22.88	22.72	23	2
10	16QAM	25	0	21.79	21.92	21.82		
10	16QAM	25	12	21.63	21.81	21.59		
10	16QAM	25	25	21.63	21.83	21.66	23	2
10	16QAM	50	0	21.83	21.87	21.88		
10	64QAM	1	0	21.75	21.81	21.83		
10	64QAM	1	25	21.66	21.79	21.70	22	3
10	64QAM	1	49	21.62	21.77	21.75		
10	64QAM	25	0	20.95	20.97	20.90		
10	64QAM	25	12	20.90	20.89	20.80	22	3
10	64QAM	25	25	20.81	20.99	20.84		
10	64QAM	50	0	20.93	20.94	20.77		
Channel								
Frequency (MHz)								
				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.90	24.06	23.94	25	0
5	QPSK	1	12	23.90	23.98	23.84		
5	QPSK	1	24	23.77	23.77	23.65		
5	QPSK	12	0	22.82	22.96	22.84	24	1
5	QPSK	12	7	22.85	22.88	22.82		
5	QPSK	12	13	22.72	22.88	22.78		
5	QPSK	25	0	22.78	22.85	22.85	24	1
5	16QAM	1	0	22.82	22.94	22.84		
5	16QAM	1	12	22.72	22.78	22.84		
5	16QAM	1	24	22.92	22.86	22.81	23	2
5	16QAM	12	0	21.86	21.92	21.77		
5	16QAM	12	7	21.73	21.78	21.62		
5	16QAM	12	13	21.61	21.76	21.68	23	2
5	16QAM	25	0	21.89	21.83	21.84		
5	64QAM	1	0	21.83	21.82	21.76		
5	64QAM	1	12	21.68	21.84	21.59	22	3
5	64QAM	1	24	21.65	21.76	21.70		
5	64QAM	12	0	20.91	21.00	20.97		
5	64QAM	12	7	20.86	20.83	20.77	22	3
5	64QAM	12	13	20.75	20.96	20.86		
5	64QAM	25	0	20.98	20.91	20.88		
Channel								
Frequency (MHz)								
				18515	18900	19193	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.92	24.01	23.98	25	0
3	QPSK	1	8	23.87	24.04	23.82		
3	QPSK	1	14	23.73	23.81	23.67		
3	QPSK	8	0	22.84	22.93	22.89	24	1
3	QPSK	8	4	22.78	22.89	22.90		
3	QPSK	8	7	22.83	22.83	22.86		
3	QPSK	15	0	22.76	22.85	22.87	24	1
3	16QAM	1	0	22.88	22.87	22.86		
3	16QAM	1	8	22.69	22.81	22.84		
3	16QAM	1	14	22.84	22.91	22.77	23	2
3	16QAM	8	0	21.82	21.82	21.76		
3	16QAM	8	4	21.72	21.80	21.60		
3	16QAM	8	7	21.68	21.76	21.75	23	2
3	16QAM	15	0	21.79	21.92	21.78		
3	64QAM	1	0	21.83	21.87	21.76		
3	64QAM	1	8	21.66	21.79	21.68	22	3
3	64QAM	1	14	21.57	21.70	21.73		
3	64QAM	8	0	20.99	21.03	20.90		
3	64QAM	8	4	20.85	20.87	20.82	22	3
3	64QAM	8	7	20.84	20.87	20.90		
3	64QAM	15	0	20.95	20.92	20.84		
Channel								
Frequency (MHz)								
				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.87	24.09	23.92	25	0
1.4	QPSK	1	3	23.81	23.97	23.84		
1.4	QPSK	1	5	23.74	23.84	23.65		
1.4	QPSK	3	0	23.83	24.00	23.83	24	1
1.4	QPSK	3	1	23.78	23.98	23.87		
1.4	QPSK	3	3	23.73	23.85	23.82		
1.4	QPSK	6	0	22.76	22.89	22.82	24	1
1.4	16QAM	1	0	22.78	22.96	22.95		
1.4	16QAM	1	3	22.77	22.76	22.75		
1.4	16QAM	1	5	22.81	22.82	22.76	24	1
1.4	16QAM	3	0	22.88	22.84	22.78		
1.4	16QAM	3	1	22.71	22.74	22.62		
1.4	16QAM	3	3	22.66	22.80	22.69	23	2
1.4	16QAM	6	0	21.84	21.89	21.86		
1.4	64QAM	1	0	21.83	21.80	21.84		
1.4	64QAM	1	3	21.62	21.82	21.62	23	2
1.4	64QAM	1	5	21.58	21.76	21.58		
1.4	64QAM	3	0	21.89	22.03	21.88		
1.4	64QAM	3	1	21.83	21.83	21.83	22	2
1.4	64QAM	3	3	21.81	21.97	21.92		
1.4	64QAM	6	0	20.89	20.93	20.85		



Band 7 Ant0 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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.83	22.89	22.77	24	0	
20	QPSK	1	49	22.70	22.76	22.66			
20	QPSK	1	99	22.59	22.72	22.67			
20	QPSK	50	0	22.76	22.85	22.57			
20	QPSK	50	24	22.68	22.79	22.63	24	0	
20	QPSK	50	50	22.82	22.76	22.61			
20	QPSK	100	0	22.70	22.74	22.58			
20	16QAM	1	0	22.80	22.78	22.66			
20	16QAM	1	49	22.73	22.83	22.63	24	0	
20	16QAM	1	99	22.68	22.85	22.58			
20	16QAM	50	0	21.93	21.86	21.81			
20	16QAM	50	24	21.82	21.74	21.69			
20	16QAM	50	50	21.88	21.86	21.82	23	1	
20	16QAM	100	0	21.79	21.79	21.70			
20	64QAM	1	0	21.76	21.71	21.69			
20	64QAM	1	49	21.71	21.64	21.56			
20	64QAM	1	99	21.65	21.63	21.58	23	1	
20	64QAM	50	0	20.80	20.77	20.70			
20	64QAM	50	24	20.80	20.70	20.61			
20	64QAM	50	50	20.70	20.66	20.68			
20	64QAM	100	0	20.85	20.67	20.66	22	2	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.74	22.78	22.66	24	0	
15	QPSK	1	37	22.61	22.61	22.60			
15	QPSK	1	74	22.47	22.61	22.57			
15	QPSK	36	0	22.69	22.75	22.43			
15	QPSK	36	20	22.57	22.70	22.58	24	0	
15	QPSK	36	39	22.76	22.82	22.55			
15	QPSK	75	0	22.59	22.68	22.48			
15	16QAM	1	0	22.73	22.73	22.52			
15	16QAM	1	37	22.60	22.55	22.57	24	0	
15	16QAM	1	74	22.62	22.53	22.55			
15	16QAM	36	0	21.88	21.73	21.74			
15	16QAM	36	20	21.71	21.66	21.59			
15	16QAM	36	39	21.84	21.73	21.77	23	1	
15	16QAM	75	0	21.68	21.64	21.55			
15	64QAM	1	0	21.67	21.65	21.64			
15	64QAM	1	37	21.62	21.54	21.48			
15	64QAM	1	74	21.56	21.53	21.52	23	1	
15	64QAM	36	0	20.70	20.73	20.64			
15	64QAM	36	20	20.70	20.64	20.53			
15	64QAM	36	39	20.58	20.50	20.54			
15	64QAM	75	0	20.79	20.58	20.54	22	2	
Channel				20820	21100	21400			
Frequency (MHz)				2507.5	2535	2565			
10	QPSK	1	0	22.79	22.76	22.69	24	0	
10	QPSK	1	25	22.64	22.67	22.52			
10	QPSK	1	49	22.51	22.65	22.61			
10	QPSK	25	0	22.66	22.74	22.42			
10	QPSK	25	12	22.60	22.66	22.50	24	0	
10	QPSK	25	25	22.73	22.70	22.55			
10	QPSK	50	0	22.80	22.63	22.48			
10	16QAM	1	0	22.70	22.71	22.59			
10	16QAM	1	25	22.84	22.59	22.48	24	0	
10	16QAM	1	49	22.61	22.60	22.49			
10	16QAM	25	0	21.79	21.72	21.68			
10	16QAM	25	12	21.72	21.65	21.57			
10	16QAM	25	25	21.79	21.80	21.73	23	1	
10	16QAM	50	0	21.68	21.70	21.59			
10	64QAM	1	0	21.73	21.68	21.64			
10	64QAM	1	25	21.64	21.54	21.51			
10	64QAM	1	49	21.56	21.57	21.46	23	1	
10	64QAM	25	0	20.75	20.71	20.58			
10	64QAM	25	12	20.74	20.58	20.47			
10	64QAM	25	25	20.67	20.52	20.56			
10	64QAM	50	0	20.70	20.63	20.62	22	2	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.72	22.84	22.68	24	0	
5	QPSK	1	12	22.84	22.82	22.59			
5	QPSK	1	24	22.47	22.67	22.54			
5	QPSK	12	0	22.66	22.72	22.42			
5	QPSK	12	7	22.54	22.70	22.54	24	0	
5	QPSK	12	13	22.78	22.63	22.53			
5	QPSK	25	0	22.61	22.69	22.45			
5	16QAM	1	0	22.76	22.74	22.53			
5	16QAM	1	12	22.70	22.51	22.52	24	0	
5	16QAM	1	24	22.60	22.58	22.48			
5	16QAM	12	0	21.81	21.77	21.75			
5	16QAM	12	7	21.70	21.67	21.62			
5	16QAM	12	13	21.84	21.83	21.72	23	1	
5	16QAM	25	0	21.75	21.66	21.64			
5	64QAM	1	0	21.73	21.62	21.56			
5	64QAM	1	12	21.60	21.53	21.48			
5	64QAM	1	24	21.58	21.60	21.46	23	1	
5	64QAM	12	0	20.67	20.67	20.58			
5	64QAM	12	7	20.66	20.60	20.56			
5	64QAM	12	13	20.62	20.58	20.62			
5	64QAM	25	0	20.76	20.55	20.56	22	2	

Band 12 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.31	24.47	24.25	25.5	0	
10	QPSK	1	25	24.11	24.29	24.21			
10	QPSK	1	49	24.33	24.37	24.25			
10	QPSK	25	0	23.26	23.35	23.28			
10	QPSK	25	12	23.20	23.21	23.12	24.5	1	
10	QPSK	25	25	23.04	23.14	23.08			
10	QPSK	50	0	23.18	23.26	23.18			
10	16QAM	1	0	23.42	23.45	23.41			
10	16QAM	1	25	23.27	23.36	23.23	24.5	1	
10	16QAM	1	49	23.34	23.37	23.25			
10	16QAM	25	0	22.43	22.56	22.46			
10	16QAM	25	12	22.39	22.47	22.33			
10	16QAM	25	25	22.48	22.54	22.46	23.5	2	
10	16QAM	50	0	22.54	22.61	22.58			
10	64QAM	1	0	22.61	22.64	22.63			
10	64QAM	1	25	22.47	22.59	22.52			
10	64QAM	1	49	22.62	22.53	22.39	23.5	2	
10	64QAM	25	0	21.55	21.56	21.50			
10	64QAM	25	12	21.39	21.50	21.43			
10	64QAM	25	25	21.42	21.48	21.46			
10	64QAM	50	0	21.46	21.48	21.37	22.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	24.19	24.40	24.14	25.5	0	
5	QPSK	1	12	24.07	24.15	24.14			
5	QPSK	1	24	24.24	24.28	24.13			
5	QPSK	12	0	23.19	23.24	23.21			
5	QPSK	12	7	23.15	23.16	23.01	24.5	1	
5	QPSK	12	13	22.95	23.07	22.99			
5	QPSK	25	0	23.10	23.19	23.09			
5	16QAM	1	0	23.30	23.35	23.34			
5	16QAM	1	12	23.17	23.24	23.18	24.5	1	
5	16QAM	1	24	23.27	23.23	23.23			
5	16QAM	12	0	22.29	22.45	22.38			
5	16QAM	12	7	22.34	22.32	22.25			
5	16QAM	12	13	22.39	22.37	22.34	23.5	2	
5	16QAM	25	0	22.51	22.57	22.49			
5	64QAM	1	0	22.52	22.59	22.51			
5	64QAM	1	12	22.33	22.48	22.44			
5	64QAM	1	24	22.47	22.48	22.35	23.5	2	
5	64QAM	12	0	21.46	21.51	21.39			
5	64QAM	12	7	21.30	21.45	21.35			
5	64QAM	12	13	21.35	21.38	21.42			
5	64QAM	25	0	21.34	21.35	21.23	22.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	24.23	24.32	24.24	25.5	0	
3	QPSK	1	8	24.05	24.19	24.09			
3	QPSK	1	14	24.27	24.34	24.20			
3	QPSK	8	0	23.23	23.28	23.19			
3	QPSK	8	4	23.06	23.06	23.06	24.5	1	
3	QPSK	8	7	22.94	23.02	23.03			
3	QPSK	15	0	23.14	23.15	23.07			
3	16QAM	1	0	23.27	23.27	23.35			
3	16QAM	1	8	23.13	23.29	23.09	24.5	1	
3	16QAM	1	14	23.20	23.29	23.10			
3	16QAM	8	0	22.39	22.45	22.33			
3	16QAM	8	4	22.27	22.36	22.19			
3	16QAM	8	7	22.40	22.44	22.39	23.5	2	
3	16QAM	15	0	22.40	22.53	22.49			
3	84QAM	1	0	22.56	22.54	22.58			
3	84QAM	1	8	22.34	22.47	22.43			
3	84QAM	1	14	22.47	22.43	22.35	23.5	2	
3	84QAM	8	0	21.51	21.42	21.41			
3	84QAM	8	4	21.31	21.38	21.30			
3	84QAM	8	7	21.29	21.35	21.40			
3	84QAM	15	0	21.32	21.39	21.28	22.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				698.7	707.5	716.3			
1.4	QPSK	1	0	24.20	24.34	24.22	25.5	0	
1.4	QPSK	1	3	24.15	24.21	24.16			
1.4	QPSK	1	5	24.22	24.26	24.15			
1.4	QPSK	3	0	24.18	24.20	24.25			
1.4	QPSK	3	1	24.06	24.11	23.98	24.5	1	
1.4	QPSK	3	3	23.92	24.11	24.03			
1.4	QPSK	6	0	23.15	23.21	23.03			
1.4	16QAM	1	0	23.27	23.38	23.33			
1.4	16QAM	1	3	23.23	23.26	23.15	24.5	1	
1.4	16QAM	1	5	23.29	23.26	23.13			
1.4	16QAM	3	0	23.33	23.50	23.37			
1.4	16QAM	3	1	23.29	23.39	23.23			
1.4	16QAM	3	3	23.38	23.45	23.37	23.5	2	
1.4	16QAM	6	0	22.40	22.52	22.44			
1.4	64QAM	1	0	22.55	22.54	22.53			
1.4	64QAM	1	3	22.35	22.54	22.36			
1.4	84QAM	1	5	22.40	22.42	22.38	23.5	2	
1.4	84QAM	3	0	22.43	22.42	22.42			
1.4	84QAM	3	1	22.35	22.37	22.31			
1.4	84QAM	3	3	22.38	22.36	22.39			
1.4	84QAM	6	0	21.37	21.39	21.30	22.5	3	



Band 17 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.23	24.39	24.27	25.5	0	
10	QPSK	1	25	24.21	24.32	24.27			
10	QPSK	1	49	24.16	24.20	24.15			
10	QPSK	25	0	23.35	23.42	23.28	24.5	1	
10	QPSK	25	12	23.27	23.36	23.29			
10	QPSK	25	25	23.35	23.40	23.30			
10	QPSK	50	0	23.22	23.35	23.23	24.5	1	
10	16QAM	1	0	23.31	23.38	23.27			
10	16QAM	1	25	23.28	23.29	23.14			
10	16QAM	1	49	23.20	23.32	23.31	23.5	2	
10	16QAM	25	0	22.49	22.52	22.41			
10	16QAM	25	12	22.39	22.42	22.39			
10	16QAM	25	25	22.29	22.43	22.35	23.5	2	
10	16QAM	50	0	22.42	22.48	22.44			
10	64QAM	1	0	22.56	22.61	22.54			
10	64QAM	1	25	22.47	22.52	22.45	23.5	2	
10	64QAM	1	49	22.53	22.57	22.44			
10	64QAM	25	0	21.38	21.45	21.34			
10	64QAM	25	12	21.39	21.41	21.28	22.5	3	
10	64QAM	25	25	21.37	21.39	21.38			
10	64QAM	50	0	21.48	21.55	21.44			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.16	24.35	24.15	25.5	0	
5	QPSK	1	12	24.18	24.25	24.19			
5	QPSK	1	24	24.07	24.15	24.09			
5	QPSK	12	0	23.21	23.37	23.24			
5	QPSK	12	7	23.18	23.30	23.23			
5	QPSK	12	13	23.30	23.31	23.19	24.5	1	
5	QPSK	25	0	23.11	23.31	23.14			
5	16QAM	1	0	23.22	23.29	23.11			
5	16QAM	1	12	23.22	23.24	23.11			
5	16QAM	1	24	23.17	23.19	23.22			
5	16QAM	12	0	22.37	22.47	22.34	23.5	2	
5	16QAM	12	7	22.35	22.28	22.30			
5	16QAM	12	13	22.25	22.37	22.20			
5	16QAM	25	0	22.39	22.34	22.35			
5	64QAM	1	0	22.47	22.49	22.50			
5	64QAM	1	12	22.35	22.42	22.34	23.5	2	
5	64QAM	1	24	22.42	22.49	22.31			
5	64QAM	12	0	21.24	21.35	21.26			
5	64QAM	12	7	21.28	21.31	21.16			
5	64QAM	12	13	21.32	21.25	21.30			
5	64QAM	25	0	21.40	21.42	21.31	22.5	3	

Band 26 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.49	24.65	24.52	25.5	0	
15	QPSK	1	37	24.45	24.51	24.47			
15	QPSK	1	74	24.50	24.57	24.55			
15	QPSK	36	0	23.46	23.59	23.56			
15	QPSK	36	20	23.47	23.57	23.51			
15	QPSK	36	39	23.41	23.45	23.33	24.5	1	
15	QPSK	75	0	23.44	23.47	23.40			
15	16QAM	1	0	23.60	23.63	23.60			
15	16QAM	1	37	23.43	23.58	23.46			
15	16QAM	1	74	23.45	23.54	23.44			
15	16QAM	36	0	22.58	22.63	22.50	23.5	2	
15	16QAM	36	20	22.47	22.52	22.43			
15	16QAM	36	39	22.50	22.55	22.45			
15	16QAM	75	0	22.48	22.51	22.44			
15	64QAM	1	0	22.57	22.68	22.56			
15	64QAM	1	37	22.47	22.60	22.51	23.5	2	
15	64QAM	1	74	23.21	23.34	23.26			
15	64QAM	36	0	21.52	21.61	21.49			
15	64QAM	36	20	21.41	21.49	21.40			
15	64QAM	36	39	21.53	21.54	21.44			
15	64QAM	75	0	21.40	21.47	21.43	22.5	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.40	24.59	24.44	25.5	0	
10	QPSK	1	25	24.38	24.40	24.39			
10	QPSK	1	49	24.45	24.46	24.40			
10	QPSK	25	0	23.43	23.54	23.47			
10	QPSK	25	12	23.39	23.48	23.36			
10	QPSK	25	25	23.37	23.34	23.29	24.5	1	
10	QPSK	50	0	23.38	23.40	23.33			
10	16QAM	1	0	23.55	23.59	23.48			
10	16QAM	1	25	23.33	23.53	23.40			
10	16QAM	1	49	23.34	23.40	23.38			
10	16QAM	25	0	22.48	22.51	22.47	23.5	2	
10	16QAM	25	12	22.43	22.46	22.34			
10	16QAM	25	25	22.43	22.44	22.31			
10	16QAM	50	0	22.41	22.43	22.39			
10	64QAM	1	0	22.53	22.61	22.46			
10	64QAM	1	25	22.37	22.51	22.36	23.5	2	
10	64QAM	1	49	22.43	22.46	22.49			
10	64QAM	25	0	21.45	21.47	21.39			
10	64QAM	25	12	21.32	21.42	21.35			
10	64QAM	25	25	21.46	21.44	21.31			
10	64QAM	50	0	21.27	21.38	21.34	22.5	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.37	24.61	24.45	25.5	0	
5	QPSK	1	12	24.31	24.46	24.32			
5	QPSK	1	24	24.39	24.49	24.44			
5	QPSK	12	0	23.34	23.51	23.50			
5	QPSK	12	7	23.41	23.43	23.36			
5	QPSK	12	13	23.26	23.40	23.25	24.5	1	
5	QPSK	25	0	23.33	23.35	23.25			
5	16QAM	1	0	23.51	23.57	23.54			
5	16QAM	1	12	23.41	23.43	23.36			
5	16QAM	1	24	23.34	23.41	23.29			
5	16QAM	12	0	22.52	22.56	22.43	23.5	2	
5	16QAM	12	7	22.35	22.47	22.30			
5	16QAM	12	13	22.37	22.45	22.38			
5	16QAM	25	0	22.43	22.36	22.36			
5	64QAM	1	0	22.52	22.60	22.52			
5	64QAM	1	12	22.41	22.46	22.45	23.5	2	
5	64QAM	1	24	22.41	22.50	22.46			
5	64QAM	12	0	21.42	21.57	21.43			
5	64QAM	12	7	21.37	21.45	21.25			
5	64QAM	12	13	21.40	21.44	21.37			
5	64QAM	25	0	21.29	21.39	21.31	22.5	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.40	24.60	24.40	25.5	0	
3	QPSK	1	8	24.33	24.47	24.41			
3	QPSK	1	14	24.37	24.53	24.50			
3	QPSK	8	0	23.36	23.45	23.41			
3	QPSK	8	4	23.41	23.43	23.44			
3	QPSK	8	7	23.28	23.42	23.19	24.5	1	
3	QPSK	15	0	23.41	23.41	23.35			
3	16QAM	1	0	23.56	23.60	23.48			
3	16QAM	1	8	23.31	23.55	23.34			
3	16QAM	1	14	23.42	23.51	23.39			
3	16QAM	8	0	22.44	22.58	22.43	23.5	2	
3	16QAM	8	4	22.35	22.37	22.39			
3	16QAM	8	7	22.44	22.46	22.41			
3	16QAM	15	0	22.37	22.41	22.33			
3	64QAM	1	0	22.42	22.55	22.46			
3	64QAM	1	8	22.33	22.43	22.43	23.5	2	
3	64QAM	1	14	22.47	22.52	22.50			
3	64QAM	8	0	21.43	21.47	21.38			
3	64QAM	8	4	21.38	21.43	21.31			
3	64QAM	8	7	21.39	21.43	21.30			
3	64QAM	15	0	21.27	21.35	21.34	22.5	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.45	24.56	24.46	25.5	0	
1.4	QPSK	1	3	24.35	24.46	24.38			
1.4	QPSK	1	6	24.44	24.50	24.50			
1.4	QPSK	3	0	24.38	24.53	24.51			
1.4	QPSK	3	1	24.35	24.45	24.43			
1.4	QPSK	3	3	24.35	24.39	24.27	24.5	1	
1.4	QPSK	6	0	23.38	23.40	23.29			
1.4	16QAM	1	0	23.46	23.58	23.55			
1.4	16QAM	1	3	23.29	23.47	23.38			
1.4	16QAM	1	6	23.39	23.51	23.43			
1.4	16QAM	3	0	23.48	23.49	23.36	24.5	1	
1.4	16QAM	3	1	23.34	23.39	23.40			
1.4	16QAM	3	3	23.39	23.42	23.35			
1.4	16QAM	6	0	22.37	22.45	22.37			
1.4	64QAM	1	0	22.52	22.59	22.53			
1.4	64QAM	1	3	22.35	22.50	22.40	23.5	2	
1.4	64QAM	1	5	22.45	22.44	22.44			
1.4	64QAM	1	8	22.37	22.45	22.37			
1.4	64QAM	3	1	22.35	22.37	22.43			
1.4	64QAM	3	3	22.39	22.42	22.38			
1.4	64QAM	6	0	21.32	21.34	21.36	22.5	3	

Band 38 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.15	24.23	24.07	24.5	1	
20	QPSK	1	49	24.07	24.12	23.98			
20	QPSK	1	99	23.94	24.08	23.98			
20	QPSK	50	0	23.15	23.26	23.17			
20	QPSK	50	24	23.11	23.20	23.13			
20	QPSK	50	50	23.11	23.24	23.15			
20	QPSK	100	0	23.17	23.21	23.07	24.5	1	
20	16QAM	1	0	23.03	23.18	23.12			
20	16QAM	1	49	22.99	23.08	23.03			
20	16QAM	1	99	22.95	23.06	22.98			
20	16QAM	50	0	22.29	22.42	22.31			
20	16QAM	50	24	22.22	22.35	22.31			
20	16QAM	50	50	22.34	22.38	22.25	23.5	2	
20	16QAM	100	0	22.32	22.37	22.32			
20	64QAM	1	0	22.13	22.24	22.20			
20	64QAM	1	49	22.07	22.16	22.06			
20	64QAM	1	99	22.16	22.20	22.14			
20	64QAM	50	0	21.32	21.40	21.29			
20	64QAM	50	24	21.19	21.28	21.15	22.5	3	
20	64QAM	50	50	21.23	21.32	21.20			
20	64QAM	100	0	21.27	21.32	21.25			
Channel				37825	38000	38175	25.5	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.10	24.14	24.03	25.5	0	
15	QPSK	1	37	24.00	24.08	23.90			
15	QPSK	1	74	23.91	23.93	23.89			
15	QPSK	36	0	23.00	23.21	23.04			
15	QPSK	36	20	23.04	23.17	23.10			
15	QPSK	36	39	23.07	23.12	23.09			
15	QPSK	75	0	23.04	23.08	23.00	24.5	1	
15	16QAM	1	0	22.94	23.05	23.07			
15	16QAM	1	37	22.91	22.95	22.92			
15	16QAM	1	74	22.86	23.03	22.88			
15	16QAM	36	0	22.19	22.36	22.24			
15	16QAM	36	20	22.10	22.21	22.22			
15	16QAM	36	39	22.29	22.24	22.10	23.5	2	
15	16QAM	75	0	22.27	22.29	22.21			
15	64QAM	1	0	22.05	22.10	22.11			
15	64QAM	1	37	21.95	22.02	21.94			
15	64QAM	1	74	22.04	22.08	22.09			
15	64QAM	36	0	21.22	21.32	21.14			
15	64QAM	36	20	21.08	21.22	21.12	22.5	3	
15	64QAM	36	39	21.10	21.19	21.07			
15	64QAM	75	0	21.16	21.21	21.21			
Channel				37800	38000	38200	25.5	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.08	24.15	24.02	25.5	0	
10	QPSK	1	25	23.98	24.02	23.95			
10	QPSK	1	49	23.90	23.93	23.89			
10	QPSK	25	0	23.01	23.22	23.05			
10	QPSK	25	12	23.07	23.14	23.05			
10	QPSK	25	25	22.99	23.18	23.05			
10	QPSK	50	0	23.12	23.13	23.01	24.5	1	
10	16QAM	1	0	22.92	23.08	23.05			
10	16QAM	1	25	22.91	22.94	22.92			
10	16QAM	1	49	22.81	22.98	22.88			
10	16QAM	25	0	22.25	22.29	22.22			
10	16QAM	25	12	22.12	22.28	22.21			
10	16QAM	25	25	22.29	22.32	22.11	23.5	2	
10	16QAM	50	0	22.19	22.27	22.21			
10	64QAM	1	0	22.04	22.16	22.05			
10	64QAM	1	25	21.94	22.04	21.92			
10	64QAM	1	49	22.03	22.15	22.10			
10	64QAM	25	0	21.23	21.27	21.20			
10	64QAM	25	12	21.13	21.20	21.09	22.5	3	
10	64QAM	25	25	21.12	21.19	21.09			
10	64QAM	50	0	21.17	21.27	21.11			
Channel				37775	38000	38225	25.5	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	24.10	24.14	23.96	25.5	0	
5	QPSK	1	12	23.93	24.02	23.90			
5	QPSK	1	24	23.90	23.95	23.83			
5	QPSK	12	0	23.02	23.15	23.05			
5	QPSK	12	7	23.08	23.13	23.07			
5	QPSK	12	13	23.05	23.21	23.11			
5	QPSK	25	0	23.05	23.12	22.97	24.5	1	
5	16QAM	1	0	22.99	23.06	23.06			
5	16QAM	1	12	22.96	23.01	22.98			
5	16QAM	1	24	22.85	22.99	22.90			
5	16QAM	12	0	22.18	22.32	22.24			
5	16QAM	12	7	22.10	22.29	22.24			
5	16QAM	12	13	22.29	22.26	22.16	23.5	2	
5	16QAM	25	0	22.21	22.28	22.19			
5	64QAM	1	0	22.03	22.21	22.12			
5	64QAM	1	12	21.97	22.11	21.95			
5	64QAM	1	24	22.02	22.05	22.06			
5	64QAM	12	0	21.20	21.33	21.26			
5	64QAM	12	7	21.11	21.21	21.06	22.5	3	
5	64QAM	12	13	21.19	21.21	21.08			
5	64QAM	25	0	21.19	21.23	21.17			

Band 41 Ant0 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.06	24.22	24.29	24.26	24.20	25.5	0
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00		
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98		
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24	24.5	1
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.10		
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05		
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28	24.5	1
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22		
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11		
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16	23.5	2
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31		
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23		
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28	23.5	2
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29		
20	64QAM	1	0	22.13	22.16	22.23	22.10	22.10		
20	64QAM	1	49	22.08	22.13	22.18	22.14	22.01	23.5	2
20	64QAM	1	99	22.02	22.06	22.16	22.12	22.11		
20	64QAM	50	0	21.34	21.33	21.41	21.35	21.32		
20	64QAM	50	24	21.29	21.27	21.37	21.33	21.21	22.5	3
20	64QAM	50	50	21.22	21.22	21.32	21.23	21.29		
20	64QAM	100	0	21.44	21.34	21.47	21.33	21.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06	26	0
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85		
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90		
15	QPSK	36	0	23.23	23.11	23.20	23.18	23.15	24.5	1
15	QPSK	36	20	23.09	23.10	23.09	23.00	23.00		
15	QPSK	36	39	22.94	23.00	23.07	22.91	23.01		
15	QPSK	75	0	23.17	23.20	23.24	23.22	23.15	24.5	1
15	16QAM	1	0	23.19	23.14	23.26	23.08	23.16		
15	16QAM	1	37	23.07	23.14	23.20	23.06	23.01		
15	16QAM	1	74	23.04	23.09	23.12	23.10	23.12	23.5	2
15	16QAM	36	0	22.26	22.26	22.41	22.29	22.28		
15	16QAM	36	20	22.23	22.12	22.34	22.30	22.18		
15	16QAM	36	39	22.13	22.15	22.33	22.19	22.22	23.5	2
15	16QAM	75	0	22.18	22.29	22.31	22.29	22.25		
15	64QAM	1	0	22.06	22.09	22.17	22.04	22.00		
15	64QAM	1	37	22.04	22.05	22.03	22.06	21.97	23.5	2
15	64QAM	1	74	21.96	22.01	22.07	22.08	21.97		
15	64QAM	36	0	21.26	21.19	21.35	21.22	21.18		
15	64QAM	36	20	21.16	21.13	21.33	21.21	21.14	22.5	3
15	64QAM	36	39	21.09	21.13	21.28	21.09	21.25		
15	64QAM	75	0	21.31	21.23	21.36	21.27	21.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.01	24.09	24.16	24.22	24.10	25.50	0
10	QPSK	1	25	23.89	23.86	23.96	23.85	23.96		
10	QPSK	1	49	23.88	23.84	23.94	23.87	23.89		
10	QPSK	25	0	23.20	23.08	23.30	23.10	23.16	24.5	1
10	QPSK	25	12	23.01	23.03	23.19	23.03	23.02		
10	QPSK	25	25	22.94	22.92	23.11	22.95	23.01		
10	QPSK	50	0	23.25	23.18	23.26	23.27	23.25	24.5	1
10	16QAM	1	0	23.19	23.16	23.20	23.05	23.17		
10	16QAM	1	25	23.04	23.15	23.17	23.08	22.96		
10	16QAM	1	49	23.09	23.10	23.12	23.02	23.01	23.5	2
10	16QAM	25	0	22.32	22.19	22.39	22.26	22.24		
10	16QAM	25	12	22.17	22.18	22.31	22.30	22.17		
10	16QAM	25	25	22.17	22.22	22.26	22.20	22.13	23.5	2
10	16QAM	50	0	22.24	22.28	22.34	22.33	22.16		
10	64QAM	1	0	22.05	22.08	22.12	21.98	22.01		
10	64QAM	1	25	22.02	22.01	22.13	21.99	21.94	22.5	3
10	64QAM	1	49	21.97	21.92	22.03	22.01	21.96		
10	64QAM	25	0	21.30	21.30	21.38	21.21	21.25		
10	64QAM	25	12	21.17	21.22	21.26	21.25	21.13	22.5	3
10	64QAM	25	25	21.18	21.19	21.26	21.11	21.21		
10	64QAM	50	0	21.33	21.25	21.34	21.19	21.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.91	24.07	24.20	24.23	24.15	25.50	0
5	QPSK	1	12	23.80	23.84	23.93	23.93	23.89		
5	QPSK	1	24	23.81	23.86	23.90	23.84	23.94		
5	QPSK	12	0	23.19	23.16	23.29	23.16	23.09	24.5	1
5	QPSK	12	7	22.99	23.04	23.14	23.04	22.96		
5	QPSK	12	13	22.94	23.01	23.07	22.91	22.91		
5	QPSK	25	0	23.27	23.15	23.33	23.18	23.19	24.5	1
5	16QAM	1	0	23.15	23.19	23.21	23.03	23.12		
5	16QAM	1	12	22.98	23.12	23.12	23.09	23.07		
5	16QAM	1	24	23.03	23.05	23.14	23.06	23.11	23.5	2
5	16QAM	12	0	22.21	22.21	22.32	22.27	22.22		
5	16QAM	12	7	22.14	22.13	22.34	22.24	22.08		
5	16QAM	12	13	22.13	22.19	22.30	22.21	22.22	23.5	2
5	16QAM	25	0	22.17	22.24	22.32	22.27	22.23		
5	64QAM	1	0	21.99	22.13	22.14	22.05	22.07		
5	64QAM	1	12	21.95	22.01	22.05	22.06	21.94	23.5	2
5	64QAM	1	24	21.98	22.03	22.13	22.07	22.05		
5	64QAM	12	0	21.23	21.21	21.34	21.32	21.20		
5	64QAM	12	7	21.16	21.14	21.33	21.18	21.08	22.5	3
5	64QAM	12	13	21.08	21.17	21.20	21.17	21.17		
5	64QAM	25	0	21.39	21.27	21.38	21.25	21.24		

GSM850 Ant1 Default							
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)		
TX Channel	128	189	251	Limit (dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	824.2
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16

GSM1900 Ant1 Default								
GSM1900	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.85	30.01	29.90	30.50	20.85	21.01	20.90	21.50
GPRS 1 Tx slot	29.76	29.98	29.86	30.50	20.76	20.98	20.86	21.50
GPRS 2 Tx slots	26.34	26.38	26.22	26.70	20.34	20.38	20.22	20.70
GPRS 3 Tx slots	24.21	24.29	24.15	25.00	19.95	20.03	19.89	20.74
GPRS 4 Tx slots	23.14	23.19	23.02	24.00	20.14	20.19	20.02	21.00
EDGE 1 Tx slot	26.10	26.24	26.16	26.80	17.10	17.24	17.16	17.80
EDGE 2 Tx slots	23.37	23.45	23.23	24.10	17.37	17.45	17.23	18.10
EDGE 3 Tx slots	21.76	21.97	21.84	23.10	17.50	17.71	17.58	18.84
EDGE 4 Tx slots	20.51	20.56	20.43	21.30	17.51	17.56	17.43	18.30

WCDMA II Ant1 DS12					WCDMA IV Ant1 Default					WCDMA V Ant1 Default				
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel		9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)		1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	AMR 12.2Kbps	23.34	23.40	23.28	24.50	24.60	24.72	24.51	25.50	23.93	24.09	24.06	25.50	
3GPP Rel 99	RMC 12.2Kbps	23.41	23.46	23.39	24.50	24.67	24.75	24.58	25.50	24.12	24.23	24.18	25.50	
3GPP Rel 6	HSDPA Subtest-1	22.42	22.43	22.30	24.00	23.63	23.73	23.51	24.00	23.10	23.22	23.15	24.00	
3GPP Rel 6	HSDPA Subtest-2	22.31	22.33	22.12	24.00	23.46	23.62	23.40	24.00	22.94	23.03	22.94	24.00	
3GPP Rel 6	HSDPA Subtest-3	21.78	21.97	21.77	23.50	23.09	23.20	22.97	23.50	22.50	22.72	22.59	23.50	
3GPP Rel 6	HSDPA Subtest-4	21.87	21.82	21.74	23.50	23.08	23.09	22.90	23.50	22.49	22.59	22.49	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	22.33	22.41	22.30	24.00	23.64	23.89	23.46	24.00	23.02	23.22	23.03	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	22.39	22.30	22.12	24.00	23.63	23.53	23.38	24.00	23.13	23.06	22.94	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.96	21.82	23.50	22.96	23.23	23.04	23.50	22.44	22.71	22.55	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	21.64	21.92	21.77	23.50	22.95	23.07	23.12	23.50	22.32	22.68	22.66	23.50	
3GPP Rel 6	HSUPA Subtest-1	22.28	22.44	22.30	24.00	23.59	23.65	23.58	24.00	23.04	23.20	23.04	24.00	
3GPP Rel 6	HSUPA Subtest-2	20.33	20.44	20.21	22.00	21.52	21.71	21.41	22.00	21.01	21.22	20.94	22.00	
3GPP Rel 6	HSUPA Subtest-3	21.15	21.37	21.06	23.00	22.49	22.67	22.36	23.00	21.92	22.16	21.83	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.30	20.35	20.26	22.00	21.61	21.65	21.49	22.00	21.00	21.15	21.00	22.00	
3GPP Rel 6	HSUPA Subtest-5	22.29	22.52	22.38	24.00	23.58	23.71	23.58	24.00	23.03	23.23	22.99	24.00	

Band 2 Ant1 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										
Frequency (MHz)										
20	QPSK	1	0	23.23	23.30	23.14	24	0		
20	QPSK	1	49	23.11	23.22	23.06				
20	QPSK	1	99	23.20	23.26	23.12				
20	QPSK	50	0	23.13	23.19	23.09				
20	QPSK	50	24	23.04	23.09	23.04	24	0		
20	QPSK	50	50	23.00	23.04	22.92				
20	QPSK	100	0	22.99	23.14	23.05				
20	16QAM	1	0	23.18	23.20	23.10				
20	16QAM	1	49	23.08	23.04	22.95	24	0		
20	16QAM	1	99	23.09	23.12	23.02				
20	16QAM	50	0	22.10	22.16	22.07				
20	16QAM	50	24	21.90	22.02	21.98				
20	16QAM	50	50	21.95	22.07	21.93	23	1		
20	16QAM	100	0	21.95	21.99	21.88				
20	64QAM	1	0	22.06	22.20	22.11				
20	64QAM	1	49	21.99	22.16	22.00				
20	64QAM	1	99	21.98	22.07	22.02	23	1		
20	64QAM	50	0	21.01	21.17	21.15				
20	64QAM	50	24	21.06	21.12	21.04				
20	64QAM	50	50	20.96	21.12	21.03				
20	64QAM	100	0	20.99	21.11	21.02	22	2		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.20	23.21	23.10	24	0		
15	QPSK	1	37	23.00	23.13	22.99				
15	QPSK	1	74	23.08	23.21	23.02				
15	QPSK	36	0	23.08	23.13	22.98				
15	QPSK	36	20	22.94	22.98	23.00	24	0		
15	QPSK	36	39	22.87	22.96	22.80				
15	QPSK	75	0	22.86	23.05	23.00				
15	16QAM	1	0	23.14	23.15	22.98				
15	16QAM	1	37	22.93	22.89	22.88	24	0		
15	16QAM	1	74	22.97	23.03	22.93				
15	16QAM	36	0	22.00	22.12	22.01				
15	16QAM	36	20	21.90	21.96	21.85				
15	16QAM	36	39	21.89	22.00	21.88	23	1		
15	16QAM	75	0	21.89	21.88	21.76				
15	64QAM	1	0	21.94	22.16	22.00				
15	64QAM	1	37	21.94	22.09	21.97				
15	64QAM	1	74	21.92	22.01	21.92	23	1		
15	64QAM	36	0	20.98	21.10	21.05				
15	64QAM	36	20	20.92	20.98	20.99				
15	64QAM	36	39	20.90	21.04	20.97				
15	64QAM	75	0	20.88	21.01	20.90	22	2		
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.650	18.600	19.950	Tune-up limit (dBm)	MPR (dB)		
				18.65	18.60	19.05				
10	QPSK	1	25	23.10	23.19	23.02			24	0
10	QPSK	1	49	23.07	23.14	22.96				
10	QPSK	1	74	23.13	23.19	22.99				
10	QPSK	25	0	23.03	23.14	22.95				
10	QPSK	25	12	22.93	22.99	22.92	24	0		
10	QPSK	25	25	22.92	22.92	22.87				
10	QPSK	50	0	22.87	23.08	22.96				
10	16QAM	1	0	23.14	23.08	22.96				
10	16QAM	1	25	23.04	22.92	22.83	24	0		
10	16QAM	1	49	23.03	23.04	22.94				
10	16QAM	25	0	21.99	22.04	22.01				
10	16QAM	25	12	21.79	21.95	21.89				
10	16QAM	25	25	21.90	22.03	21.84	23	1		
10	16QAM	50	0	21.81	21.95	21.73				
10	64QAM	1	0	21.92	22.08	22.02				
10	64QAM	1	25	21.91	22.03	21.90				
10	64QAM	1	49	21.92	22.01	21.90	23	1		
10	64QAM	25	0	20.90	21.05	21.07				
10	64QAM	25	12	20.93	21.04	20.94				
10	64QAM	25	25	20.83	21.03	21.00				
10	64QAM	50	0	20.86	21.04	20.93	22	2		
Channel										
Frequency (MHz)										
				18.625	18.600	19.975	Tune-up limit (dBm)	MPR (dB)		
				18.625	18.60	19.075				
5	QPSK	1	0	23.15	23.24	23.06			24	0
5	QPSK	1	12	23.05	23.13	22.99				
5	QPSK	1	24	23.08	23.12	23.00				
5	QPSK	12	0	23.00	23.04	22.97				
5	QPSK	12	7	22.97	23.06	22.90	24	0		
5	QPSK	12	13	22.86	22.89	22.80				
5	QPSK	25	0	22.88	23.06	23.01				
5	16QAM	1	0	23.04	23.06	23.03				
5	16QAM	1	12	23.04	22.91	22.82	24	0		
5	16QAM	1	24	22.96	23.05	22.92				
5	16QAM	12	0	21.96	22.11	21.97				
5	16QAM	12	7	21.85	21.90	21.90				
5	16QAM	12	13	21.86	22.01	21.89	23	1		
5	16QAM	25	0	21.84	21.90	21.85				
5	64QAM	1	0	21.97	22.08	22.05				
5	64QAM	1	12	21.85	22.06	21.85				
5	64QAM	1	24	21.92	21.94	21.93	23	1		
5	64QAM	12	0	20.92	21.06	21.07				
5	64QAM	12	7	20.97	21.05	20.99				
5	64QAM	12	13	20.87	21.03	20.94				
5	64QAM	25	0	20.95	21.05	20.99	22	2		
Channel										
Frequency (MHz)										
				18.615	18.600	19.985	Tune-up limit (dBm)	MPR (dB)		
				18.615	18.60	19.985				
3	QPSK	1	0	23.10	23.24	23.02			24	0
3	QPSK	1	8	23.08	23.16	22.93				
3	QPSK	1	14	23.17	23.11	23.01				
3	QPSK	8	0	23.05	23.14	22.94				
3	QPSK	8	4	22.98	22.97	22.92	24	0		
3	QPSK	8	7	22.97	22.95	22.86				
3	QPSK	15	0	22.85	23.04	22.95				
3	16QAM	1	0	23.13	23.15	22.99				
3	16QAM	1	8	23.04	22.93	22.91	24	0		
3	16QAM	1	14	23.05	23.07	22.98				
3	16QAM	8	0	22.07	22.02	22.00				
3	16QAM	8	4	21.76	21.93	21.86				
3	16QAM	8	7	21.84	21.94	21.81	23	1		
3	16QAM	15	0	21.82	21.93	21.78				
3	64QAM	1	0	21.99	22.12	22.07				
3	64QAM	1	8	21.84	22.03	21.91				
3	64QAM	1	14	21.86	21.95	21.89	23	1		
3	64QAM	8	0	20.96	21.12	21.01				
3	64QAM	8	4	21.03	21.01	20.99				
3	64QAM	8	7	20.91	21.08	20.91				
3	64QAM	15	0	20.90	21.00	20.87	22	2		
Channel										
Frequency (MHz)										
				18.607	18.600	19.993	Tune-up limit (dBm)	MPR (dB)		
				18.607	18.60	19.993				
1.4	QPSK	1	0	23.10	23.20	23.02			24	0
1.4	QPSK	1	3	23.00	23.11	22.97				
1.4	QPSK	1	5	23.13	23.18	23.05				
1.4	QPSK	3	0	23.08	23.10	22.95				
1.4	QPSK	3	1	22.95	22.98	22.90	24	0		
1.4	QPSK	3	3	22.91	22.97	22.82				
1.4	QPSK	6	0	22.94	23.09	22.90				
1.4	16QAM	1	0	23.04	23.03	23.07				
1.4	16QAM	1	3	23.05	22.93	22.90	24	0		
1.4	16QAM	1	5	22.95	23.01	22.97				
1.4	16QAM	3	0	23.00	23.07	23.00				
1.4	16QAM	3	1	22.79	22.97	22.92				
1.4	16QAM	3	3	22.81	22.94	22.89	23	1		
1.4	16QAM	6	0	21.91	21.84	21.77				
1.4	64QAM	1	0	21.96	22.07	22.02				
1.4	64QAM	1	3	21.91	22.03	21.90				
1.4	64QAM	1	5	21.92	21.93	21.97	23	1		
1.4	64QAM	3	0	21.96	22.08	22.10				
1.4	64QAM	3	1	21.93	21.98	21.94				
1.4	64QAM	3	3	21.90	22.04	21.92				
1.4	64QAM	6	0	20.95	21.00	20.91	22	2		
Channel										
Frequency (MHz)										
				18.607	18.600	19.993	Tune-up limit (dBm)	MPR (dB)		
				18.607	18.60	19.993				
1.4	QPSK	1	0	23.10	23.20	23.02			24	0
1.4	QPSK	1	3	23.00	23.11	22.97				
1.4	QPSK	1	5	23.13	23.18	23.05				
1.4	QPSK	3	0	23.08	23.10	22.95				
1.4	QPSK	3	1	22.95	22.98	22.90	24	0		
1.4	QPSK	3	3	22.91	22.97	22.82				
1.4	QPSK	6	0	22.94	23.09	22.90				
1.4	16QAM	1	0	23.04	23.03	23.07				
1.4	16QAM	1	3	23.05	22.93	22.90	24	0		
1.4	16QAM	1	5	22.95	23.01	22.97				
1.4	16QAM	3	0	23.00	23.07	23.00				
1.4	16QAM	3	1	22.79	22.97	22.92				
1.4	16QAM	3	3	22.81	22.94	22.89	23	1		
1.4	16QAM	6	0	21.91	21.84	21.77				
1.4	64QAM	1	0	21.96	22.07	22.02				
1.4	64QAM	1	3	21.91	22.03	21.90				
1.4	64QAM	1	5	21.92	21.93	21.97	23	1		
1.4	64QAM	3	0	21.96	22.08	22.10				
1.4	64QAM	3	1	21.93	21.98	21.94				
1.4	64QAM	3	3	21.90	22.04	21.92				
1.4	64QAM	6	0	20.95	21.00	20.91	22	2		
Channel										
Frequency (MHz)										
				18.607	18.600	19.993	Tune-up limit (dBm)	MPR (dB)		
				18.607	18.60	19.993				
1.4	QPSK	1	0	23.10	23.20	23.02			24	0
1.4	QPSK	1	3	23.00	23.11	22.97				
1.4	QPSK	1	5	23.13	23.18	23.05				
1.4	QPSK	3	0	23.08	23.10	22.95				
1.4	QPSK	3	1	22.95	22.98	22.90	24	0		
1.4	QPSK	3	3	22.91	22.97	22.82				
1.4	QPSK	6	0	22.94	23.09	22.90				
1.4	16QAM	1	0	23.04	23.03	23.07				
1.4	16QAM	1	3	23.05	22.93	22.90	24	0		
1.4	16QAM	1	5	22.95	23.01	22.97				
1.4	16QAM	3	0	23.00	23.07	23.00				
1.4	16QAM	3	1	22.79	22.97	22.92				
1.4	16QAM	3	3	22.81	22.94	22.89	23	1		
1.4	16QAM	6	0	21.91	21.84	21.77				
1.4	64QAM	1	0	21.96	22.07	22.02				
1.4	64QAM	1	3	21.91	22.03	21.90				
1.4	64QAM	1	5	21.92	21.93	21.97	23	1		
1.4	64QAM	3	0	21.96	22.08	22.10				
1.4	64QAM	3	1	21.93	21.98	21.94				
1.4	64QAM	3	3	21.90	22.04	21.92				
1.4	64QAM	6	0	20.95	21.00					



Band 7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.85	23.99	23.91	25	0	
20	QPSK	1	49	23.86	23.94	23.81			
20	QPSK	1	99	23.73	23.80	23.69			
20	QPSK	50	0	22.98	23.09	22.95			
20	QPSK	50	24	22.93	23.02	22.93	24	1	
20	QPSK	50	50	22.90	22.95	22.90			
20	QPSK	100	0	23.07	23.14	23.01			
20	16QAM	1	0	23.00	23.10	23.02			
20	16QAM	1	49	22.92	22.97	22.90	24	1	
20	16QAM	1	99	22.91	23.04	22.94			
20	16QAM	50	0	22.01	22.12	22.08			
20	16QAM	50	24	21.86	21.98	21.89			
20	16QAM	50	50	21.94	22.01	21.89	23	2	
20	16QAM	100	0	22.04	22.14	22.03			
20	64QAM	1	0	21.99	22.09	21.98			
20	64QAM	1	49	21.84	22.01	21.87			
20	64QAM	1	99	21.90	21.97	21.83	23	2	
20	64QAM	50	0	21.09	21.13	21.06			
20	64QAM	50	24	20.89	21.04	20.90			
20	64QAM	50	50	20.93	21.04	20.92			
20	64QAM	100	0	21.01	21.16	21.10	22	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.78	23.90	23.77	25	0	
15	QPSK	1	37	23.74	23.83	23.75			
15	QPSK	1	74	23.61	23.74	23.66			
15	QPSK	36	0	22.86	22.97	22.83			
15	QPSK	36	20	22.88	22.99	22.89	24	1	
15	QPSK	36	39	22.80	22.91	22.81			
15	QPSK	75	0	22.97	23.02	22.93			
15	16QAM	1	0	22.95	23.03	22.87			
15	16QAM	1	37	22.83	22.84	22.78	24	1	
15	16QAM	1	74	22.87	22.93	22.79			
15	16QAM	36	0	21.91	21.98	21.96			
15	16QAM	36	20	21.76	21.87	21.74			
15	16QAM	36	39	21.82	21.98	21.74	23	2	
15	16QAM	75	0	21.98	22.02	21.93			
15	64QAM	1	0	21.90	21.95	21.87			
15	64QAM	1	37	21.78	21.92	21.82			
15	64QAM	1	74	21.84	21.90	21.71	23	2	
15	64QAM	36	0	21.06	21.05	20.98			
15	64QAM	36	20	20.77	20.91	20.82			
15	64QAM	36	39	20.87	20.97	20.77			
15	64QAM	75	0	20.91	21.11	21.00	22	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.74	23.88	23.87	25	0	
10	QPSK	1	25	23.80	23.86	23.67			
10	QPSK	1	49	23.60	23.68	23.63			
10	QPSK	25	0	22.91	23.01	22.80			
10	QPSK	25	12	22.80	22.89	22.83	24	1	
10	QPSK	25	25	22.75	22.81	22.79			
10	QPSK	50	0	22.96	23.06	22.87			
10	16QAM	1	0	22.87	23.01	22.93			
10	16QAM	1	25	22.83	22.87	22.80	24	1	
10	16QAM	1	49	22.85	22.92	22.86			
10	16QAM	25	0	21.94	22.08	22.04			
10	16QAM	25	12	21.78	21.84	21.81			
10	16QAM	25	25	21.89	21.91	21.79	23	2	
10	16QAM	50	0	22.00	22.09	21.92			
10	64QAM	1	0	21.92	21.98	21.91			
10	64QAM	1	25	21.70	21.89	21.80			
10	64QAM	1	49	21.81	21.85	21.68	23	2	
10	64QAM	25	0	20.95	21.08	21.02			
10	64QAM	25	12	20.77	20.91	20.78			
10	64QAM	25	25	20.79	20.92	20.85			
10	64QAM	50	0	20.87	21.05	20.99	22	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.78	23.89	23.86	25	0	
5	QPSK	1	12	23.79	23.90	23.68			
5	QPSK	1	24	23.62	23.68	23.59			
5	QPSK	12	0	22.90	23.00	22.89			
5	QPSK	12	7	22.83	22.88	22.80	24	1	
5	QPSK	12	13	22.81	22.90	22.81			
5	QPSK	25	0	22.92	23.02	22.88			
5	16QAM	1	0	22.88	23.00	22.91			
5	16QAM	1	12	22.88	22.83	22.80	24	1	
5	16QAM	1	24	22.84	22.94	22.89			
5	16QAM	12	0	21.98	22.04	22.05			
5	16QAM	12	7	21.74	21.94	21.76			
5	16QAM	12	13	21.86	21.94	21.78	23	2	
5	16QAM	25	0	21.91	22.01	21.98			
5	64QAM	1	0	21.94	21.98	21.85			
5	64QAM	1	12	21.75	21.91	21.78			
5	64QAM	1	24	21.84	21.92	21.68	23	2	
5	64QAM	12	0	21.06	21.06	20.93			
5	64QAM	12	7	20.81	20.99	20.81			
5	64QAM	12	13	20.84	20.92	20.78			
5	64QAM	25	0	20.87	21.03	21.01	22	3	

Band 12 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				701.5	707.5	711.5			
10	QPSK	1	0	24.35	24.50	24.30	25.5	0	
10	QPSK	1	25	24.20	24.30	24.26			
10	QPSK	1	49	24.39	24.38	24.27			
10	QPSK	25	0	23.27	23.37	23.31			
10	QPSK	25	12	23.26	23.26	23.15	24.5	1	
10	QPSK	25	25	23.08	23.15	23.14			
10	QPSK	50	0	23.21	23.32	23.21			
10	16QAM	1	0	23.44	23.50	23.44			
10	16QAM	1	25	23.31	23.38	23.24	24.5	1	
10	16QAM	1	49	23.39	23.38	23.29			
10	16QAM	25	0	22.39	22.56	22.42			
10	16QAM	25	12	22.37	22.46	22.31			
10	16QAM	25	25	22.45	22.54	22.42	23.5	2	
10	16QAM	50	0	22.51	22.57	22.57			
10	64QAM	1	0	22.57	22.60	22.60			
10	64QAM	1	25	22.46	22.55	22.47			
10	64QAM	1	49	22.48	22.50	22.35	23.5	2	
10	64QAM	25	0	21.51	21.57	21.51			
10	64QAM	25	12	21.38	21.45	21.40			
10	64QAM	25	25	21.40	21.45	21.47			
10	64QAM	50	0	21.46	21.48	21.38	22.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	24.32	24.39	24.21	25.5	0	
5	QPSK	1	12	24.15	24.27	24.20			
5	QPSK	1	24	24.28	24.26	24.17			
5	QPSK	12	0	23.13	23.25	23.24			
5	QPSK	12	7	23.19	23.13	23.04	24.5	1	
5	QPSK	12	13	23.01	23.03	23.00			
5	QPSK	25	0	23.16	23.29	23.17			
5	16QAM	1	0	23.34	23.44	23.39			
5	16QAM	1	12	23.19	23.29	23.19	24.5	1	
5	16QAM	1	24	23.24	23.29	23.18			
5	16QAM	12	0	22.25	22.45	22.35			
5	16QAM	12	7	22.30	22.31	22.26			
5	16QAM	12	13	22.30	22.32	22.35	23.5	2	
5	16QAM	25	0	22.45	22.42	22.44			
5	64QAM	1	0	22.45	22.51	22.47			
5	64QAM	1	12	22.36	22.52	22.43			
5	64QAM	1	24	22.36	22.50	22.32	23.5	2	
5	64QAM	12	0	21.45	21.43	21.43			
5	64QAM	12	7	21.24	21.31	21.35			
5	64QAM	12	13	21.27	21.33	21.34			
5	64QAM	25	0	21.40	21.33	21.22	22.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	24.25	24.34	24.18	25.5	0	
3	QPSK	1	8	24.05	24.25	24.19			
3	QPSK	1	14	24.29	24.27	24.14			
3	QPSK	8	0	23.23	23.23	23.24			
3	QPSK	8	4	23.11	23.17	23.07	24.5	1	
3	QPSK	8	7	23.04	23.01	23.00			
3	QPSK	15	0	23.09	23.15	23.08			
3	16QAM	1	0	23.40	23.35	23.31			
3	16QAM	1	8	23.26	23.25	23.10	24.5	1	
3	16QAM	1	14	23.30	23.29	23.25			
3	16QAM	8	0	22.33	22.48	22.35			
3	16QAM	8	4	22.29	22.39	22.27			
3	16QAM	8	7	22.42	22.50	22.31	23.5	2	
3	16QAM	15	0	22.46	22.50	22.45			
3	64QAM	1	0	22.48	22.55	22.46			
3	64QAM	1	8	22.31	22.48	22.37			
3	64QAM	1	14	22.45	22.44	22.29	23.5	2	
3	64QAM	8	0	21.46	21.49	21.38			
3	64QAM	8	4	21.31	21.34	21.32			
3	64QAM	8	7	21.32	21.38	21.42			
3	64QAM	15	0	21.39	21.40	21.23	22.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				700.5	707.5	715.3			
1.4	QPSK	1	0	24.26	24.39	24.14	25.5	0	
1.4	QPSK	1	3	24.06	24.27	24.03			
1.4	QPSK	1	5	24.21	24.23	24.16			
1.4	QPSK	3	0	24.14	24.22	24.18			
1.4	QPSK	3	1	24.13	24.09	24.02	24.5	1	
1.4	QPSK	3	3	23.96	24.00	24.02			
1.4	QPSK	6	0	23.04	23.18	23.05			
1.4	16QAM	1	0	23.33	23.35	23.37			
1.4	16QAM	1	3	23.22	23.32	23.16	24.5	1	
1.4	16QAM	1	5	23.24	23.23	23.15			
1.4	16QAM	3	0	23.31	23.45	23.28			
1.4	16QAM	3	1	23.20	23.29	23.22			
1.4	16QAM	3	3	23.35	23.42	23.29	23.5	2	
1.4	64QAM	6	0	22.46	22.42	22.44			
1.4	64QAM	1	0	22.47	22.49	22.23			
1.4	64QAM	1	3	22.35	22.41	22.40			
1.4	64QAM	1	5	22.36	22.41	22.36	23.5	2	
1.4	64QAM	3	0	22.41	22.45	22.33			
1.4	64QAM	3	1	22.22	22.39	22.24			
1.4	64QAM	3	3	22.28	22.29	22.27			
1.4	64QAM	6	0	21.30	21.35	21.27	22.5	3	



Band 17 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.31	24.49	24.39	25.5	0	
10	QPSK	1	25	24.30	24.44	24.39			
10	QPSK	1	49	24.24	24.28	24.24			
10	QPSK	25	0	23.49	23.55	23.42	24.5	1	
10	QPSK	25	12	23.41	23.51	23.38			
10	QPSK	25	25	23.50	23.50	23.39			
10	QPSK	50	0	23.36	23.47	23.36	24.5	1	
10	16QAM	1	0	23.45	23.53	23.42			
10	16QAM	1	25	23.41	23.42	23.23			
10	16QAM	1	49	23.30	23.44	23.41			
10	16QAM	25	0	22.51	22.57	22.42			
10	16QAM	25	12	22.43	22.46	22.42	23.5	2	
10	16QAM	25	25	22.33	22.45	22.38			
10	16QAM	50	0	22.45	22.52	22.43			
10	64QAM	1	0	22.59	22.60	22.54	23.5	2	
10	64QAM	1	25	22.48	22.53	22.45			
10	64QAM	1	49	22.56	22.61	22.46			
10	64QAM	25	0	21.40	21.47	21.38			
10	64QAM	25	12	21.42	21.45	21.32			
10	64QAM	25	25	21.40	21.42	21.39	22.5	3	
10	64QAM	50	0	21.51	21.57	21.45			
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.15	24.42	24.30	25.5	0	
5	QPSK	1	12	24.19	24.33	24.23			
5	QPSK	1	24	24.14	24.21	24.18			
5	QPSK	12	0	23.36	23.43	23.31			
5	QPSK	12	7	23.32	23.41	23.29			
5	QPSK	12	13	23.30	23.41	23.33	24.5	1	
5	QPSK	25	0	23.16	23.37	23.17			
5	16QAM	1	0	23.35	23.43	23.24			
5	16QAM	1	12	23.27	23.29	23.14			
5	16QAM	1	24	23.20	23.30	23.37			
5	16QAM	12	0	22.44	22.46	22.32	23.5	2	
5	16QAM	12	7	22.24	22.28	22.21			
5	16QAM	12	13	22.19	22.36	22.25			
5	16QAM	25	0	22.28	22.34	22.26			
5	64QAM	1	0	22.45	22.50	22.47			
5	64QAM	1	12	22.40	22.38	22.31	23.5	2	
5	64QAM	1	24	22.42	22.51	22.29			
5	64QAM	12	0	21.33	21.30	21.26			
5	64QAM	12	7	21.30	21.30	21.23			
5	64QAM	12	13	21.22	21.35	21.27			
5	64QAM	25	0	21.32	21.50	21.36	22.5	3	

Band 26 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.50	24.66	24.55	25.5	0	
15	QPSK	1	37	24.48	24.52	24.48			
15	QPSK	1	74	24.52	24.63	24.58			
15	QPSK	36	0	23.49	23.62	23.58			
15	QPSK	36	20	23.47	23.59	23.52			
15	QPSK	36	39	23.44	23.50	23.37	24.5	1	
15	QPSK	75	0	23.48	23.58	23.45			
15	16QAM	1	0	23.64	23.65	23.64			
15	16QAM	1	37	23.42	23.63	23.52			
15	16QAM	1	74	23.51	23.54	23.49			
15	16QAM	36	0	22.61	22.63	22.52	23.5	2	
15	16QAM	36	20	22.50	22.58	22.46			
15	16QAM	36	39	22.56	22.59	22.45			
15	16QAM	75	0	22.50	22.51	22.45			
15	64QAM	1	0	22.60	22.72	22.59			
15	64QAM	1	37	22.48	22.66	22.51	23.5	2	
15	64QAM	1	74	22.52	22.58	22.50			
15	64QAM	36	0	21.57	21.67	21.54			
15	64QAM	36	20	21.47	21.54	21.40			
15	64QAM	36	39	21.56	21.56	21.50			
15	64QAM	75	0	21.43	21.49	21.46	22.5	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.45	24.54	24.47	25.5	0	
10	QPSK	1	25	24.42	24.41	24.38			
10	QPSK	1	49	24.49	24.49	24.52			
10	QPSK	25	0	23.42	23.57	23.52			
10	QPSK	25	12	23.33	23.55	23.46			
10	QPSK	25	25	23.31	23.39	23.30	24.5	1	
10	QPSK	50	0	23.43	23.45	23.31			
10	16QAM	1	0	23.50	23.60	23.56			
10	16QAM	1	25	23.45	23.49	23.42			
10	16QAM	1	49	23.39	23.50	23.40			
10	16QAM	25	0	22.57	22.55	22.47	23.5	2	
10	16QAM	25	12	22.36	22.37	22.37			
10	16QAM	25	25	22.50	22.54	22.38			
10	16QAM	50	0	22.40	22.48	22.40			
10	64QAM	1	0	22.51	22.66	22.53			
10	64QAM	1	25	22.35	22.56	22.44	23.5	2	
10	64QAM	1	49	22.48	22.46	22.53			
10	64QAM	25	0	21.50	21.59	21.41			
10	64QAM	25	12	21.40	21.49	21.29			
10	64QAM	25	25	21.44	21.52	21.40			
10	64QAM	50	0	21.35	21.37	21.33	22.5	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.40	24.61	24.43	25.5	0	
5	QPSK	1	12	24.45	24.41	24.35			
5	QPSK	1	24	24.40	24.50	24.52			
5	QPSK	12	0	23.44	23.55	23.48			
5	QPSK	12	7	23.41	23.52	23.49			
5	QPSK	12	13	23.34	23.36	23.32	24.5	1	
5	QPSK	25	0	23.43	23.43	23.42			
5	16QAM	1	0	23.54	23.53	23.49			
5	16QAM	1	12	23.35	23.52	23.40			
5	16QAM	1	24	23.42	23.50	23.42			
5	16QAM	12	0	22.51	22.57	22.37	23.5	2	
5	16QAM	12	7	22.44	22.54	22.41			
5	16QAM	12	13	22.52	22.46	22.32			
5	16QAM	25	0	22.37	22.39	22.31			
5	64QAM	1	0	22.52	22.67	22.49			
5	64QAM	1	12	22.36	22.58	22.41	23.5	2	
5	64QAM	1	24	22.37	22.46	22.50			
5	64QAM	12	0	21.49	21.60	21.50			
5	64QAM	12	7	21.35	21.50	21.29			
5	64QAM	12	13	21.45	21.45	21.44			
5	64QAM	25	0	21.29	21.40	21.43	22.5	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.46	24.59	24.41	25.5	0	
3	QPSK	1	8	24.36	24.39	24.44			
3	QPSK	1	14	24.38	24.57	24.48			
3	QPSK	8	0	23.42	23.51	23.43			
3	QPSK	8	4	23.44	23.45	23.48			
3	QPSK	8	7	23.30	23.41	23.33	24.5	1	
3	QPSK	15	0	23.43	23.55	23.33			
3	16QAM	1	0	23.57	23.54	23.50			
3	16QAM	1	8	23.42	23.51	23.45			
3	16QAM	1	14	23.41	23.43	23.35			
3	16QAM	8	0	22.57	22.50	22.42	23.5	2	
3	16QAM	8	4	22.43	22.46	22.51			
3	16QAM	8	7	22.46	22.45	22.31			
3	16QAM	15	0	22.40	22.47	22.40			
3	64QAM	1	0	22.46	22.63	22.52			
3	64QAM	1	8	22.45	22.56	22.43	23.5	2	
3	64QAM	1	14	22.37	22.51	22.51			
3	64QAM	8	0	21.48	21.58	21.39			
3	64QAM	8	4	21.36	21.41	21.35			
3	64QAM	8	7	21.42	21.50	21.38			
3	64QAM	15	0	21.34	21.44	21.42	22.5	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.42	24.56	24.46	25.5	0	
1.4	QPSK	1	3	24.34	24.36	24.38			
1.4	QPSK	1	5	24.45	24.49	24.50			
1.4	QPSK	3	0	24.35	24.49	24.44			
1.4	QPSK	3	1	24.33	24.47	24.40			
1.4	QPSK	3	3	24.31	24.41	24.38	24.5	1	
1.4	QPSK	6	0	23.37	23.47	23.31			
1.4	16QAM	1	0	23.56	23.59	23.59			
1.4	16QAM	1	3	23.37	23.58	23.40			
1.4	16QAM	1	5	23.39	23.44	23.48			
1.4	16QAM	3	0	23.57	23.55	23.38	24.5	1	
1.4	16QAM	3	1	23.43	23.53	23.31			
1.4	16QAM	3	3	23.51	23.47	23.36			
1.4	16QAM	6	0	22.45	22.46	22.37			
1.4	64QAM	1	0	22.48	22.67	22.52			
1.4	64QAM	1	3	22.37	22.56	22.42	23.5	2	
1.4	64QAM	1	5	22.40	22.49	22.42			
1.4	64QAM	3	0	22.49	22.63	22.48			
1.4	64QAM	3	1	22.38	22.40	22.29			
1.4	64QAM	3	3	22.42	22.51	22.39			
1.4	64QAM	6	0	21.40	21.44	21.40	22.5	3	

Band 38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.31	24.41	24.37	24.5	1	
20	QPSK	1	49	24.23	24.34	24.20			
20	QPSK	1	99	24.12	24.25	24.19			
20	QPSK	50	0	23.32	23.38	23.25			
20	QPSK	50	24	23.14	23.27	23.18	24.5	1	
20	QPSK	50	50	23.25	23.34	23.27			
20	QPSK	100	0	23.27	23.35	23.26			
20	16QAM	1	0	23.25	23.30	23.27			
20	16QAM	1	49	23.21	23.31	23.17	24.5	1	
20	16QAM	1	99	23.23	23.36	23.30			
20	16QAM	50	0	22.26	22.33	22.22			
20	16QAM	50	24	22.13	22.25	22.12			
20	16QAM	50	50	22.17	22.25	22.13	23.5	2	
20	16QAM	100	0	22.28	22.38	22.25			
20	64QAM	1	0	22.13	22.22	22.17			
20	64QAM	1	49	22.02	22.15	22.09			
20	64QAM	1	99	21.96	22.08	21.98	23.5	2	
20	64QAM	50	0	21.14	21.28	21.22			
20	64QAM	50	24	21.02	21.15	21.08			
20	64QAM	50	50	21.09	21.19	21.07			
20	64QAM	100	0	21.20	21.32	21.20	22.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	24.27	24.27	24.24	25.5	0	
15	QPSK	1	37	24.15	24.30	24.13			
15	QPSK	1	74	23.99	24.19	24.05			
15	QPSK	36	0	23.29	23.32	23.13			
15	QPSK	36	20	23.08	23.23	23.09	24.5	1	
15	QPSK	36	39	23.21	23.24	23.22			
15	QPSK	75	0	23.19	23.29	23.12			
15	16QAM	1	0	23.18	23.28	23.16			
15	16QAM	1	37	23.15	23.20	23.04	24.5	1	
15	16QAM	1	74	23.09	23.29	23.17			
15	16QAM	36	0	22.16	22.19	22.11			
15	16QAM	36	20	22.07	22.13	22.06			
15	16QAM	36	39	22.13	22.19	22.01	23.5	2	
15	16QAM	75	0	22.21	22.30	22.13			
15	64QAM	1	0	22.00	22.08	22.07			
15	64QAM	1	37	21.87	22.12	22.00			
15	64QAM	1	74	21.82	22.05	21.87	23.5	2	
15	64QAM	36	0	21.05	21.21	21.11			
15	64QAM	36	20	20.92	21.06	20.95			
15	64QAM	36	39	21.01	21.04	21.03			
15	64QAM	75	0	21.07	21.22	21.12	22.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	24.27	24.37	24.23	25.5	0	
10	QPSK	1	25	24.16	24.22	24.09			
10	QPSK	1	49	23.97	24.20	24.14			
10	QPSK	25	0	23.19	23.25	23.19			
10	QPSK	25	12	23.00	23.24	23.09	24.5	1	
10	QPSK	25	25	23.17	23.27	23.15			
10	QPSK	50	0	23.15	23.26	23.18			
10	16QAM	1	0	23.16	23.35	23.18			
10	16QAM	1	25	23.16	23.17	23.10	24.5	1	
10	16QAM	1	49	23.16	23.30	23.17			
10	16QAM	25	0	22.15	22.26	22.14			
10	16QAM	25	12	22.01	22.21	22.06			
10	16QAM	25	25	22.06	22.19	21.98	23.5	2	
10	16QAM	50	0	22.24	22.25	22.20			
10	64QAM	1	0	22.04	22.11	22.13			
10	64QAM	1	25	21.95	22.00	21.98			
10	64QAM	1	49	21.89	21.97	21.92	23.5	2	
10	64QAM	25	0	21.11	21.25	21.12			
10	64QAM	25	12	20.89	21.07	21.04			
10	64QAM	25	25	21.01	21.04	20.94			
10	64QAM	50	0	21.13	21.27	21.07	22.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.22	24.32	24.25	25.5	0	
5	QPSK	1	12	24.16	24.20	24.07			
5	QPSK	1	24	24.01	24.20	24.13			
5	QPSK	12	0	23.27	23.28	23.19			
5	QPSK	12	7	23.11	23.22	23.12	24.5	1	
5	QPSK	12	13	23.14	23.31	23.21			
5	QPSK	25	0	23.13	23.30	23.22			
5	16QAM	1	0	23.10	23.29	23.20			
5	16QAM	1	12	23.12	23.27	23.10	24.5	1	
5	16QAM	1	24	23.16	23.23	23.23			
5	16QAM	12	0	22.13	22.27	22.15			
5	16QAM	12	7	22.03	22.11	21.98			
5	16QAM	12	13	22.02	22.15	22.05	23.5	2	
5	16QAM	25	0	22.13	22.25	22.13			
5	64QAM	1	0	22.01	22.18	22.08			
5	64QAM	1	12	21.95	22.05	22.02			
5	64QAM	1	24	21.81	22.02	21.88	23.5	2	
5	64QAM	12	0	21.01	21.19	21.18			
5	64QAM	12	7	20.91	21.11	21.01			
5	64QAM	12	13	20.99	21.12	20.97			
5	64QAM	25	0	21.13	21.20	21.11	22.5	3	
Channel				37750	38000	38250			
Frequency (MHz)				2570	2595	2620	Tune-up limit (dBm)	MPR (dB)	

Band 41 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.35	24.38	24.46	24.43	24.32	24.5	1
20	QPSK	1	49	24.20	24.24	24.28	24.17	24.14		
20	QPSK	1	99	24.29	24.21	24.35	24.31	24.20		
20	QPSK	50	0	23.32	23.36	23.43	23.31	23.33		
20	QPSK	50	24	23.24	23.23	23.30	23.26	23.20	24.5	1
20	QPSK	50	50	23.23	23.29	23.34	23.20	23.22		
20	QPSK	100	0	23.29	23.28	23.35	23.27	23.21		
20	16QAM	1	0	23.31	23.27	23.40	23.26	23.35		
20	16QAM	1	49	23.16	23.22	23.28	23.17	23.24	24.5	1
20	16QAM	1	99	23.25	23.22	23.26	23.15	23.24		
20	16QAM	50	0	22.15	22.17	22.25	22.14	22.13		
20	16QAM	50	24	22.08	22.14	22.19	22.15	21.98		
20	16QAM	50	50	22.04	22.13	22.19	22.12	22.01	23.5	2
20	16QAM	100	0	22.28	22.18	22.32	22.27	22.20		
20	64QAM	1	0	22.05	22.01	22.09	22.00	21.98		
20	64QAM	1	49	21.87	21.97	22.03	21.92	21.91		
20	64QAM	1	99	21.89	21.92	22.03	21.93	21.91	22.5	3
20	64QAM	50	0	21.27	21.28	21.37	21.30	21.29		
20	64QAM	50	24	21.20	21.23	21.27	21.15	21.16		
20	64QAM	50	50	21.19	21.14	21.24	21.12	21.14		
20	64QAM	100	0	21.34	21.32	21.40	21.33	21.36	Tune-up limit (dBm)	MPR (dB)
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.28	24.26	24.40	24.39	24.26	26	0
15	QPSK	1	37	24.14	24.15	24.16	24.03	23.99		
15	QPSK	1	74	24.16	24.16	24.29	24.22	24.10	24.5	1
15	QPSK	36	0	23.28	23.31	23.39	23.19	23.27		
15	QPSK	36	20	23.18	23.13	23.19	23.15	23.14		
15	QPSK	36	39	23.16	23.16	23.30	23.11	23.11		
15	QPSK	75	0	23.24	23.17	23.23	23.17	23.11	24.5	1
15	16QAM	1	0	23.28	23.23	23.31	23.22	23.23		
15	16QAM	1	37	23.05	23.14	23.13	23.13	23.12		
15	16QAM	1	74	23.11	23.11	23.18	23.10	23.17		
15	16QAM	36	0	22.05	22.10	22.11	22.08	22.07	23.5	2
15	16QAM	36	20	22.00	22.11	22.11	22.10	21.88		
15	16QAM	36	39	21.92	22.09	22.14	22.06	21.87		
15	16QAM	75	0	22.18	22.13	22.19	22.13	22.16		
15	64QAM	1	0	21.88	21.89	22.05	21.93	21.94	23.5	2
15	64QAM	1	37	21.78	21.85	21.95	21.85	21.87		
15	64QAM	1	74	21.81	21.83	21.93	21.87	21.83		
15	64QAM	36	0	21.23	21.15	21.24	21.22	21.17		
15	64QAM	36	20	21.06	21.12	21.19	21.08	21.04	22.5	3
15	64QAM	36	39	21.13	21.00	21.14	21.01	21.10		
15	64QAM	75	0	21.29	21.19	21.26	21.27	21.31		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.30	24.28	24.34	24.38	24.27	25.50	0
10	QPSK	1	25	24.13	24.16	24.16	24.11	24.02		
10	QPSK	1	49	24.19	24.13	24.21	24.26	24.11	24.5	1
10	QPSK	25	0	23.26	23.30	23.36	23.25	23.26		
10	QPSK	25	12	23.15	23.10	23.23	23.12	23.13		
10	QPSK	25	25	23.15	23.25	23.24	23.12	23.12		
10	QPSK	50	0	23.21	23.23	23.31	23.16	23.12	24.5	1
10	16QAM	1	0	23.22	23.22	23.36	23.19	23.31		
10	16QAM	1	25	23.12	23.10	23.23	23.03	23.13		
10	16QAM	1	49	23.17	23.16	23.17	23.08	23.11		
10	16QAM	25	0	22.11	22.02	22.17	22.11	22.07	23.5	2
10	16QAM	25	12	22.01	22.04	22.13	22.11	21.90		
10	16QAM	25	25	21.93	22.10	22.15	22.09	21.92		
10	16QAM	50	0	22.24	22.05	22.28	22.12	22.07		
10	64QAM	1	0	21.94	21.93	22.02	21.95	21.88	23.5	2
10	64QAM	1	25	21.75	21.84	21.95	21.84	21.83		
10	64QAM	1	49	21.84	21.84	21.90	21.85	21.78		
10	64QAM	25	0	21.22	21.19	21.29	21.26	21.24		
10	64QAM	25	12	21.14	21.18	21.16	21.05	21.08	22.5	3
10	64QAM	25	25	21.11	21.09	21.15	20.98	21.11		
10	64QAM	50	0	21.22	21.29	21.29	21.19	21.29		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.25	24.29	24.38	24.29	24.17	25.50	0
5	QPSK	1	12	24.12	24.15	24.22	24.11	24.05		
5	QPSK	1	24	24.19	24.18	24.24	24.25	24.07	24.5	1
5	QPSK	12	0	23.26	23.23	23.33	23.18	23.27		
5	QPSK	12	7	23.15	23.19	23.19	23.22	23.06		
5	QPSK	12	13	23.10	23.20	23.28	23.13	23.18		
5	QPSK	25	0	23.23	23.18	23.20	23.16	23.12	24.5	1
5	16QAM	1	0	23.18	23.23	23.31	23.12	23.30		
5	16QAM	1	12	23.02	23.09	23.19	23.05	23.20		
5	16QAM	1	24	23.18	23.17	23.21	23.12	23.12		
5	16QAM	12	7	22.12	22.13	22.10	22.02	22.02	23.5	2
5	16QAM	12	7	22.03	22.02	22.11	22.12	21.83		
5	16QAM	12	13	22.00	22.06	22.15	22.00	21.90		
5	16QAM	25	0	22.24	22.12	22.25	22.23	22.13		
5	64QAM	1	0	21.96	21.92	22.03	21.86	21.85	23.5	2
5	64QAM	1	12	21.80	21.83	21.95	21.86	21.86		
5	64QAM	1	24	21.78	21.86	21.94	21.82	21.86		
5	64QAM	12	0	21.14	21.21	21.23	21.21	21.20		
5	64QAM	12	7	21.08	21.19	21.17	21.02	21.07	22.5	3
5	64QAM	12	13	21.12	21.03	21.11	20.98	21.07		
5	64QAM	25	0	21.30	21.26	21.32	21.27	21.26		

Reduced Power Mode for DSI 4

GSM850 Ant0 Default								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.58	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.18	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 DSI4								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.42	27.76	27.65	28.50	18.42	18.76	18.65	19.50
GPRS 1 Tx slot	27.57	27.70	27.61	28.50	18.57	18.70	18.61	19.50
GPRS 2 Tx slots	23.66	23.91	23.68	25.00	17.66	17.91	17.68	19.00
GPRS 3 Tx slots	21.70	21.85	21.90	23.00	17.44	17.59	17.64	18.74
GPRS 4 Tx slots	20.53	20.48	20.65	21.50	17.53	17.48	17.65	18.50
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.00	17.48	17.63	17.60	18.74
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA II Ant0 DSI4									
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.22	20.49	20.32	21.50	21.39	21.51	21.41	22.50
3GPP Rel 99	RMC 12.2Kbps	20.47	20.58	20.41	21.50	21.40	21.54	21.46	22.50
3GPP Rel 6	HSDPA Subtest-1	19.20	19.37	19.16	20.50	20.37	20.56	20.42	21.50
3GPP Rel 6	HSDPA Subtest-2	19.22	19.54	19.42	20.50	20.39	20.61	20.45	21.50
3GPP Rel 6	HSDPA Subtest-3	18.78	18.98	18.90	20.00	19.93	19.96	20.01	21.00
3GPP Rel 6	HSDPA Subtest-4	18.74	18.85	18.80	20.00	19.87	20.03	19.91	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.12	19.31	19.20	20.50	20.47	20.49	20.38	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.06	19.19	19.27	20.50	20.33	20.52	20.44	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.61	18.75	18.81	20.00	19.97	20.10	20.02	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.73	18.99	18.87	20.00	19.89	19.98	20.03	21.00
3GPP Rel 6	HSUPA Subtest-1	19.37	19.37	19.42	20.50	20.40	20.56	20.45	21.50
3GPP Rel 6	HSUPA Subtest-2	17.28	17.30	17.17	18.50	18.90	18.55	18.93	19.50
3GPP Rel 6	HSUPA Subtest-3	18.15	18.27	18.28	19.50	19.94	19.97	19.89	20.50
3GPP Rel 6	HSUPA Subtest-4	17.28	17.29	17.13	18.50	18.91	18.51	18.95	19.50
3GPP Rel 6	HSUPA Subtest-5	19.23	19.38	19.38	20.50	20.33	20.57	20.43	21.50
WCDMA V Ant0 Default									
		WCDMA V			Tune-up Limit (dBm)				Tune-up Limit (dBm)
		4132	4182	4233		4357	4407	4468	
		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.07	24.20	24.13	25.50	24.07	24.20	24.13	25.50
3GPP Rel 99	RMC 12.2Kbps	24.15	24.23	24.21	25.50	24.15	24.23	24.21	25.50
3GPP Rel 6	HSDPA Subtest-1	23.10	23.27	23.23	24.50	23.10	23.27	23.23	24.50
3GPP Rel 6	HSDPA Subtest-2	23.06	23.32	23.22	24.50	23.06	23.32	23.22	24.50
3GPP Rel 6	HSDPA Subtest-3	22.63	22.88	22.81	24.00	22.63	22.88	22.81	24.00
3GPP Rel 6	HSDPA Subtest-4	22.54	22.75	22.62	24.00	22.54	22.75	22.62	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.91	23.17	23.04	24.50	22.91	23.17	23.04	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.05	23.21	23.18	24.50	23.05	23.21	23.18	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.58	22.81	22.70	24.00	22.58	22.81	22.70	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.71	22.57	24.00	22.48	22.71	22.57	24.00
3GPP Rel 6	HSUPA Subtest-1	23.21	23.41	23.38	24.50	23.21	23.41	23.38	24.50
3GPP Rel 6	HSUPA Subtest-2	21.14	21.29	21.25	22.50	21.14	21.29	21.25	22.50
3GPP Rel 6	HSUPA Subtest-3	22.22	22.45	22.36	23.50	22.22	22.45	22.36	23.50
3GPP Rel 6	HSUPA Subtest-4	21.11	21.34	21.19	22.50	21.11	21.34	21.19	22.50
3GPP Rel 6	HSUPA Subtest-5	23.15	23.37	23.30	24.50	23.15	23.37	23.30	24.50

Band 2 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	20.58	20.74	20.66	21.5	0
20	QPSK	1	49	20.45	20.59	20.53		
20	QPSK	1	99	20.44	20.68	20.58		
20	QPSK	50	0	20.43	20.71	20.51		
20	QPSK	50	24	20.42	20.58	20.61	21.5	0
20	QPSK	50	50	20.47	20.68	20.49		
20	QPSK	100	0	20.43	20.68	20.60		
20	16QAM	1	0	20.46	20.67	20.49		
20	16QAM	1	49	20.40	20.58	20.63	21.5	0
20	16QAM	1	99	20.47	20.58	20.49		
20	16QAM	50	0	20.44	20.60	20.65		
20	16QAM	50	24	20.42	20.58	20.58		
20	16QAM	50	50	20.51	20.59	20.63	21.5	0
20	16QAM	100	0	20.57	20.68	20.62		
20	64QAM	1	0	20.41	20.57	20.58		
20	64QAM	1	49	20.55	20.73	20.58		
20	64QAM	1	99	20.46	20.71	20.56	21.5	0
20	64QAM	50	0	20.47	20.56	20.53		
20	64QAM	50	24	20.51	20.67	20.54		
20	64QAM	50	50	20.51	20.65	20.61		
20	64QAM	100	0	20.46	20.68	20.49		
Channel								
Frequency (MHz)								
15	QPSK	1	0	20.48	20.66	20.52	21.5	0
15	QPSK	1	37	20.32	20.48	20.40		
15	QPSK	1	74	20.29	20.49	20.47		
15	QPSK	36	0	20.32	20.54	20.42		
15	QPSK	36	20	20.40	20.50	20.54	21.5	0
15	QPSK	36	39	20.33	20.61	20.38		
15	QPSK	75	0	20.42	20.66	20.47		
15	16QAM	1	0	20.28	20.59	20.37		
15	16QAM	1	37	20.24	20.55	20.50	21.5	0
15	16QAM	1	74	20.30	20.47	20.44		
15	16QAM	36	0	20.41	20.57	20.47		
15	16QAM	36	20	20.31	20.51	20.55		
15	16QAM	36	39	20.38	20.50	20.46	21.5	0
15	16QAM	75	0	20.46	20.52	20.59		
15	64QAM	1	0	20.28	20.42	20.48		
15	64QAM	1	37	20.45	20.68	20.39		
15	64QAM	1	74	20.41	20.66	20.45	21.5	0
15	64QAM	36	0	20.37	20.49	20.46		
15	64QAM	36	20	20.37	20.56	20.51		
15	64QAM	36	39	20.46	20.51	20.48		
15	64QAM	75	0	20.40	20.60	20.47	21.5	0
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.55	18.80	19.05	21.5	0
10	QPSK	1	25	20.31	20.53	20.50		
10	QPSK	1	49	20.40	20.64	20.54		
10	QPSK	25	0	20.29	20.70	20.33		
10	QPSK	25	12	20.29	20.44	20.56	21.5	0
10	QPSK	25	25	20.34	20.65	20.37		
10	QPSK	50	0	20.26	20.64	20.50		
10	16QAM	1	0	20.35	20.54	20.35		
10	16QAM	1	25	20.24	20.55	20.59	21.5	0
10	16QAM	1	49	20.31	20.47	20.40		
10	16QAM	25	0	20.37	20.58	20.55		
10	16QAM	25	12	20.32	20.49	20.41		
10	16QAM	25	25	20.41	20.45	20.59	21.5	0
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.23	20.42	20.52		
10	64QAM	1	25	20.46	20.71	20.63		
10	64QAM	1	49	20.44	20.56	20.38	21.5	0
10	64QAM	25	0	20.43	20.46	20.42		
10	64QAM	25	12	20.36	20.53	20.40		
10	64QAM	25	25	20.42	20.60	20.55		
10	64QAM	50	0	20.33	20.52	20.35	21.5	0
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.525	18.900	19.175	21.5	0
5	QPSK	1	12	20.39	20.51	20.49		
5	QPSK	1	24	20.37	20.61	20.55		
5	QPSK	12	0	20.31	20.69	20.34		
5	QPSK	12	7	20.39	20.54	20.56	21.5	0
5	QPSK	12	13	20.30	20.57	20.39		
5	QPSK	25	0	20.37	20.49	20.44		
5	16QAM	1	0	20.38	20.58	20.38		
5	16QAM	1	12	20.31	20.47	20.56	21.5	0
5	16QAM	1	24	20.37	20.41	20.36		
5	16QAM	12	0	20.40	20.48	20.63		
5	16QAM	12	7	20.32	20.56	20.55		
5	16QAM	12	13	20.41	20.52	20.51	21.5	0
5	16QAM	25	0	20.49	20.59	20.47		
5	64QAM	1	0	20.32	20.48	20.49		
5	64QAM	1	12	20.49	20.67	20.46		
5	64QAM	1	24	20.31	20.62	20.42	21.5	0
5	64QAM	12	0	20.46	20.40	20.41		
5	64QAM	12	7	20.40	20.57	20.51		
5	64QAM	12	13	20.37	20.52	20.50		
5	64QAM	25	0	20.43	20.53	20.38	21.5	0
Channel								
Frequency (MHz)								
3	QPSK	1	0	18.515	18.900	19.175	21.5	0
3	QPSK	1	8	20.39	20.48	20.39		
3	QPSK	1	14	20.36	20.59	20.45		
3	QPSK	8	0	20.32	20.59	20.49		
3	QPSK	8	4	20.23	20.52	20.55	21.5	0
3	QPSK	8	7	20.41	20.61	20.43		
3	QPSK	15	0	20.40	20.63	20.54		
3	16QAM	1	0	20.40	20.50	20.47		
3	16QAM	1	8	20.23	20.55	20.54	21.5	0
3	16QAM	1	14	20.45	20.39	20.39		
3	16QAM	8	0	20.34	20.52	20.60		
3	16QAM	8	4	20.36	20.40	20.40		
3	16QAM	15	0	20.39	20.40	20.55	21.5	0
3	16QAM	15	0	20.44	20.54	20.60		
3	64QAM	1	0	20.40	20.48	20.47		
3	64QAM	1	8	20.53	20.70	20.40		
3	64QAM	1	14	20.43	20.65	20.42	21.5	0
3	64QAM	8	0	20.29	20.51	20.41		
3	64QAM	8	4	20.40	20.59	20.36		
3	64QAM	8	7	20.40	20.57	20.53		
3	64QAM	15	0	20.41	20.67	20.46	21.5	0
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	18.507	18.900	19.193	21.5	0
1.4	QPSK	1	3	20.28	20.52	20.34		
1.4	QPSK	1	5	20.32	20.65	20.46		
1.4	QPSK	3	0	20.27	20.62	20.44		
1.4	QPSK	3	1	20.41	20.52	20.60	21.5	0
1.4	QPSK	3	3	20.37	20.58	20.46		
1.4	QPSK	6	0	20.42	20.57	20.42		
1.4	16QAM	1	0	20.30	20.48	20.43		
1.4	16QAM	1	3	20.24	20.49	20.46	21.5	0
1.4	16QAM	1	5	20.29	20.46	20.34		
1.4	16QAM	3	0	20.37	20.55	20.53		
1.4	16QAM	3	1	20.40	20.48	20.45		
1.4	16QAM	3	3	20.34	20.52	20.46	21.5	0
1.4	16QAM	6	0	20.47	20.63	20.51		
1.4	64QAM	1	0	20.24	20.50	20.44		
1.4	64QAM	1	3	20.37	20.64	20.44		
1.4	64QAM	1	5	20.34	20.52	20.44	21.5	0
1.4	64QAM	3	0	20.44	20.43	20.52		
1.4	64QAM	3	1	20.44	20.57	20.44		
1.4	64QAM	3	3	20.39	20.51	20.59	21.5	0
1.4	64QAM	6	0	20.30	20.67	20.34		

Band 7 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				21050	21300	21550		
20	QPSK	1	0	17.58	17.81	17.80		
20	QPSK	1	49	17.54	17.59	17.52	19	0
20	QPSK	1	99	17.59	17.71	17.56		
20	QPSK	50	0	17.47	17.77	17.71		
20	QPSK	50	24	17.50	17.61	17.69	19	0
20	QPSK	50	50	17.53	17.66	17.66		
20	QPSK	100	0	17.44	17.68	17.64		
20	16QAM	1	0	17.54	17.67	17.63	19	0
20	16QAM	1	49	17.51	17.79	17.74		
20	16QAM	1	99	17.52	17.70	17.58		
20	16QAM	50	0	17.46	17.68	17.69		
20	16QAM	50	24	17.60	17.65	17.60	19	0
20	16QAM	50	50	17.57	17.68	17.69		
20	16QAM	100	0	17.58	17.79	17.68		
20	84QAM	1	0	17.59	17.57	17.54		
20	84QAM	1	49	17.48	17.69	17.73	19	0
20	84QAM	1	99	17.62	17.74	17.65		
20	84QAM	50	0	17.55	17.68	17.67		
20	84QAM	50	24	17.56	17.59	17.58	19	0
20	84QAM	50	50	17.51	17.62	17.72		
20	84QAM	100	0	17.50	17.65	17.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.48	17.67	17.57		
15	QPSK	1	37	17.51	17.44	17.45	19	0
15	QPSK	1	74	17.45	17.61	17.49		
15	QPSK	36	0	17.33	17.64	17.67		
15	QPSK	36	20	17.40	17.57	17.55	19	0
15	QPSK	36	39	17.48	17.57	17.59		
15	QPSK	75	0	17.40	17.62	17.59		
15	16QAM	1	0	17.41	17.56	17.54	19	0
15	16QAM	1	37	17.42	17.76	17.60		
15	16QAM	1	74	17.49	17.55	17.50		
15	16QAM	36	0	17.32	17.65	17.65	19	0
15	16QAM	36	20	17.35	17.56	17.40		
15	16QAM	36	39	17.51	17.54	17.55		
15	16QAM	75	0	17.52	17.66	17.64		
15	84QAM	1	0	17.53	17.42	17.51	19	0
15	84QAM	1	37	17.43	17.65	17.59		
15	84QAM	1	74	17.49	17.70	17.52		
15	84QAM	36	0	17.43	17.64	17.61	19	0
15	84QAM	36	20	17.48	17.52	17.48		
15	84QAM	36	39	17.39	17.56	17.50		
15	84QAM	75	0	17.42	17.50	17.50		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.47	17.72	17.61		
10	QPSK	1	25	17.44	17.48	17.37	19	0
10	QPSK	1	49	17.54	17.67	17.48		
10	QPSK	25	0	17.35	17.67	17.61		
10	QPSK	25	12	17.40	17.50	17.59	19	0
10	QPSK	25	25	17.45	17.54	17.57		
10	QPSK	50	0	17.38	17.59	17.55		
10	16QAM	1	0	17.40	17.58	17.53	19	0
10	16QAM	1	25	17.38	17.69	17.63		
10	16QAM	1	49	17.48	17.67	17.45		
10	16QAM	25	0	17.36	17.63	17.66		
10	16QAM	25	12	17.53	17.60	17.50	19	0
10	16QAM	25	25	17.53	17.57	17.62		
10	16QAM	50	0	17.51	17.67	17.60		
10	84QAM	1	0	17.55	17.47	17.42	19	0
10	84QAM	1	25	17.57	17.56	17.69		
10	84QAM	1	49	17.49	17.61	17.52		
10	84QAM	25	0	17.46	17.60	17.61	19	0
10	84QAM	25	12	17.45	17.54	17.54		
10	84QAM	25	25	17.44	17.51	17.64		
10	84QAM	50	0	17.41	17.61	17.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.48	17.70	17.64	19	0
5	QPSK	1	12	17.40	17.47	17.44		
5	QPSK	1	24	17.50	17.62	17.51		
5	QPSK	12	0	17.38	17.73	17.63	19	0
5	QPSK	12	7	17.37	17.51	17.56		
5	QPSK	12	13	17.43	17.52	17.59		
5	QPSK	25	0	17.36	17.61	17.50		
5	16QAM	1	0	17.50	17.61	17.52		
5	16QAM	1	12	17.37	17.75	17.63	19	0
5	16QAM	1	24	17.39	17.62	17.45		
5	16QAM	12	0	17.31	17.61	17.57	19	0
5	16QAM	12	7	17.49	17.59	17.51		
5	16QAM	12	13	17.50	17.60	17.56		
5	16QAM	25	0	17.44	17.67	17.61		
5	84QAM	1	0	17.53	17.43	17.39	19	0
5	84QAM	1	12	17.39	17.55	17.65		
5	84QAM	1	24	17.48	17.71	17.50		
5	84QAM	12	0	17.45	17.57	17.59	19	0
5	84QAM	12	7	17.41	17.55	17.40		
5	84QAM	12	13	17.45	17.54	17.61		
5	84QAM	25	0	17.37	17.53	17.60		

Band 12 Ant0 Default

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.31	24.47	24.25	25.5	0
10	QPSK	1	25	24.19	24.29	24.21		
10	QPSK	1	49	24.33	24.37	24.25		
10	QPSK	25	0	23.26	23.35	23.28	24.5	1
10	QPSK	25	12	23.20	23.21	23.12		
10	QPSK	25	25	23.04	23.14	23.08		
10	QPSK	50	0	23.18	23.26	23.18	24.5	1
10	16QAM	1	0	23.42	23.45	23.41		
10	16QAM	1	25	23.27	23.38	23.23		
10	16QAM	1	49	23.34	23.37	23.25	23.5	2
10	16QAM	25	0	22.43	22.56	22.46		
10	16QAM	25	12	22.39	22.47	22.33		
10	16QAM	25	25	22.48	22.54	22.46	23.5	2
10	16QAM	50	0	22.54	22.61	22.58		
10	84QAM	1	0	22.61	22.64	22.63		
10	84QAM	1	25	22.47	22.59	22.50	22.5	3
10	84QAM	1	49	22.52	22.53	22.39		
10	84QAM	25	0	21.55	21.56	21.50		
10	84QAM	25	12	21.39	21.50	21.43	22.5	3
10	84QAM	25	25	21.42	21.48	21.46		
10	84QAM	50	0	21.46	21.48	21.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				707.5	707.5	713.5		
5	QPSK	1	0	24.19	24.40	24.14	25.5	0
5	QPSK	1	12	24.07	24.15	24.14		
5	QPSK	1	24	24.24	24.28	24.13		
5	QPSK	12	0	23.19	23.24	23.21	24.5	1
5	QPSK	12	7	23.15	23.16	23.01		
5	QPSK	12	13	22.95	23.07	22.99		
5	QPSK	25	0	23.10	23.19	23.09	24.5	1
5	16QAM	1	0	23.30	23.35	23.34		
5	16QAM	1	12	23.17	23.24	23.18		
5	16QAM	1	24	23.27	23.23	23.16	23.5	2
5	16QAM	12	0	22.29	22.45	22.38		
5	16QAM	12	7	22.34	22.32	22.25		
5	16QAM	12	13	22.30	22.41	22.34	23.5	2
5	16QAM	25	0	22.51	22.57	22.49		
5	84QAM	1	0	22.52	22.59	22.51		
5	84QAM	1	12	22.33	22.48	22.44	23.5	2
5	84QAM	1	24	22.47	22.48	22.35		
5	84QAM	12	0	21.46	21.51	21.39		
5	84QAM	12	7	21.30	21.45	21.35	22.5	3
5	84QAM	12	13	21.35	21.38	21.42		
5	84QAM	25	0	21.34	21.35	21.23		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.23	24.32	24.12	25.5	0
3	QPSK	1	8	24.05	24.19	24.09		
3	QPSK	1	14	24.27	24.34	24.20		
3	QPSK	8	0	23.23	23.28	23.19	24.5	1
3	QPSK	8	4	23.06	23.06	23.06		
3	QPSK	8	7	22.94	23.02	23.03		
3	QPSK	15	0	23.14	23.19	23.07	24.5	1
3	16QAM	1	0	23.27	23.37	23.35		
3	16QAM	1	8	23.13	23.29	23.09		
3	16QAM	1	14	23.20	23.29	23.10	23.5	2
3	16QAM	8	0	22.39	22.45	22.33		
3	16QAM	8	4	22.27	22.36	22.19		
3	16QAM	8	7	22.40	22.44	22.39	23.5	2
3	16QAM	15	0	22.40	22.53	22.49		
3	84QAM	1	0	22.56	22.54	22.59		
3	84QAM	1	8	22.34	22.47	22.43	22.5	3
3	84QAM	1	14	22.47	22.43	22.35		
3	84QAM	8	0	21.51	21.42	21.41		
3	84QAM	8	4	21.31	21.38	21.30	22.5	3
3	84QAM	8	7	21.29	21.35	21.40		
3	84QAM	15	0	21.32	21.39	21.28		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.20	24.34	24.22	25.5	0
1.4	QPSK	1	3	24.15	24.21	24.16		
1.4	QPSK	1	5	24.22	24.26	24.15		
1.4	QPSK	3	0	24.18	24.20	24.25	24.5	1
1.4	QPSK	3	1	24.06	24.11	23.98		
1.4	QPSK	3	3	23.92	24.11	24.03		
1.4	QPSK	6	0	23.15	23.21	23.03	24.5	1
1.4	16QAM	1	0	23.27	23.38	23.33		
1.4	16QAM	1	3	23.23	23.28	23.15		
1.4	16QAM	1	5	23.29	23.26	23.15	24.5	1
1.4	16QAM	3	0	23.33	23.50	23.37		
1.4	16QAM	3	1	23.29	23.39	23.23		
1.4	16QAM	3	3	23.38	23.45	23.37	23.5	2
1.4	16QAM	6	0	22.40	22.52	22.44		
1.4	84QAM	1	0	22.55	22.54	22.53		
1.4	84QAM	1	3	22.35	22.54	22.36	23.5	2
1.4	84QAM	3	0	22.40	22.38	22.26		
1.4	84QAM	3	0	22.43	22.42	22.42		
1.4	84QAM	3	1	22.35	22.37	22.31	22.5	3
1.4	84QAM	3	3	22.36	22.36	22.39		
1.4	84QAM	6	0	21.37	21.39	21.30		

Band 17 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.23	24.39	24.27	25.5	0	
10	QPSK	1	25	24.21	24.32	24.27			
10	QPSK	1	49	24.16	24.20	24.15			
10	QPSK	25	0	23.35	23.42	23.28	24.5	1	
10	QPSK	25	12	23.27	23.36	23.29			
10	QPSK	25	25	23.35	23.40	23.30			
10	QPSK	50	0	23.22	23.35	23.23	24.5	1	
10	16QAM	1	0	23.31	23.38	23.27			
10	16QAM	1	25	23.28	23.29	23.14			
10	16QAM	1	49	23.20	23.32	23.31	24.5	1	
10	16QAM	25	0	22.49	22.52	22.41			
10	16QAM	25	12	22.39	22.42	22.39			
10	16QAM	25	25	22.29	22.43	22.35	23.5	2	
10	16QAM	50	0	22.42	22.48	22.44			
10	64QAM	1	0	22.56	22.61	22.54			
10	64QAM	1	25	22.47	22.52	22.45	23.5	2	
10	64QAM	1	49	22.53	22.57	22.44			
10	64QAM	25	0	21.38	21.45	21.34			
10	64QAM	25	12	21.39	21.41	21.28	22.5	3	
10	64QAM	25	25	21.37	21.39	21.38			
10	64QAM	50	0	21.48	21.55	21.44			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.16	24.35	24.15	25.5	0	
5	QPSK	1	12	24.18	24.25	24.19			
5	QPSK	1	24	24.07	24.15	24.09			
5	QPSK	12	0	23.21	23.37	23.24	24.5	1	
5	QPSK	12	7	23.18	23.30	23.23			
5	QPSK	12	13	23.30	23.31	23.19			
5	QPSK	25	0	23.11	23.31	23.14	24.5	1	
5	16QAM	1	0	23.22	23.29	23.14			
5	16QAM	1	12	23.22	23.24	23.11			
5	16QAM	1	24	23.17	23.19	23.22	23.5	2	
5	16QAM	12	0	22.37	22.47	22.34			
5	16QAM	12	7	22.35	22.28	22.30			
5	16QAM	12	13	22.25	22.37	22.20	23.5	2	
5	16QAM	25	0	22.39	22.34	22.35			
5	64QAM	1	0	22.47	22.49	22.50			
5	64QAM	1	12	22.35	22.42	22.34	23.5	2	
5	64QAM	1	24	22.42	22.49	22.31			
5	64QAM	12	0	21.24	21.35	21.26			
5	64QAM	12	7	21.28	21.31	21.16	22.5	3	
5	64QAM	12	13	21.32	21.25	21.30			
5	64QAM	25	0	21.40	21.42	21.31			

Band 26 Ant0 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.49	24.65	24.52	25.5	0	
15	QPSK	1	37	24.45	24.51	24.47			
15	QPSK	1	74	24.50	24.57	24.55			
15	QPSK	36	0	23.46	23.59	23.56	24.5	1	
15	QPSK	36	20	23.47	23.57	23.51			
15	QPSK	36	39	23.41	23.45	23.33			
15	QPSK	75	0	23.44	23.47	23.40	24.5	1	
15	16QAM	1	0	23.60	23.63	23.60			
15	16QAM	1	37	23.44	23.58	23.46			
15	16QAM	1	74	23.45	23.54	23.44	23.5	2	
15	16QAM	36	0	22.58	22.63	22.50			
15	16QAM	36	20	22.47	22.52	22.43			
15	16QAM	36	39	22.50	22.55	22.45	23.5	2	
15	16QAM	75	0	22.48	22.51	22.44			
15	64QAM	1	0	22.57	22.68	22.56			
15	64QAM	1	37	22.47	22.60	22.51	23.5	2	
15	64QAM	1	74	22.51	22.58	22.56			
15	64QAM	36	0	21.52	21.61	21.49			
15	64QAM	36	20	21.41	21.49	21.40	22.5	3	
15	64QAM	36	39	21.53	21.54	21.44			
15	64QAM	75	0	21.60	21.47	21.43			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.40	24.59	24.44	25.5	0	
10	QPSK	1	25	24.38	24.40	24.39			
10	QPSK	1	49	24.45	24.46	24.40			
10	QPSK	25	0	23.43	23.54	23.47	24.5	1	
10	QPSK	25	12	23.39	23.48	23.36			
10	QPSK	25	25	23.37	23.34	23.29			
10	QPSK	50	0	23.38	23.40	23.33	24.5	1	
10	16QAM	1	0	23.55	23.59	23.48			
10	16QAM	1	25	23.33	23.53	23.40			
10	16QAM	1	49	23.34	23.40	23.38	23.5	2	
10	16QAM	25	0	22.48	22.51	22.47			
10	16QAM	25	12	22.41	22.46	22.34			
10	16QAM	25	25	22.43	22.44	22.31	23.5	2	
10	16QAM	50	0	22.41	22.43	22.39			
10	64QAM	1	0	22.53	22.61	22.46			
10	64QAM	1	25	22.37	22.51	22.36	23.5	2	
10	64QAM	1	49	22.43	22.46	22.49			
10	64QAM	25	0	21.45	21.47	21.39			
10	64QAM	25	12	21.32	21.42	21.35	22.5	3	
10	64QAM	25	25	21.46	21.44	21.31			
10	64QAM	50	0	21.27	21.38	21.34			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.37	24.61	24.45	25.5	0	
5	QPSK	1	12	24.31	24.46	24.32			
5	QPSK	1	24	24.39	24.49	24.44			
5	QPSK	12	0	23.34	23.51	23.50	24.5	1	
5	QPSK	12	7	23.41	23.43	23.36			
5	QPSK	12	13	23.26	23.40	23.25			
5	QPSK	25	0	23.33	23.35	23.25	24.5	1	
5	16QAM	1	0	23.51	23.57	23.54			
5	16QAM	1	12	23.41	23.43	23.36			
5	16QAM	1	24	23.34	23.41	23.29	23.5	2	
5	16QAM	12	0	22.52	22.56	22.43			
5	16QAM	12	7	22.35	22.47	22.30			
5	16QAM	12	13	22.37	22.45	22.38	23.5	2	
5	16QAM	25	0	22.43	22.36	22.36			
5	64QAM	1	0	22.52	22.60	22.52			
5	64QAM	1	12	22.41	22.46	22.45	22.5	3	
5	64QAM	1	24	22.41	22.50	22.46			
5	64QAM	12	0	21.42	21.57	21.43			
5	64QAM	12	7	21.37	21.45	21.25	22.5	3	
5	64QAM	12	13	21.40	21.44	21.37			
5	64QAM	25	0	21.29	21.39	21.31			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.40	24.60	24.40	25.5	0	
3	QPSK	1	8	24.33	24.47	24.41			
3	QPSK	1	14	24.37	24.53	24.50			
3	QPSK	8	0	23.36	23.45	23.41	24.5	1	
3	QPSK	8	4	23.41	23.43	23.44			
3	QPSK	8	7	23.28	23.42	23.19			
3	QPSK	15	0	23.41	23.41	23.35	24.5	1	
3	16QAM	1	0	23.56	23.60	23.48			
3	16QAM	1	8	23.31	23.55	23.34			
3	16QAM	1	14	23.42	23.51	23.39	23.5	2	
3	16QAM	8	0	22.44	22.58	22.43			
3	16QAM	8	4	22.35	22.37	22.39			
3	16QAM	8	7	22.44	22.46	22.41	23.5	2	
3	16QAM	15	0	22.37	22.41	22.33			
3	64QAM	1	0	22.42	22.55	22.46			
3	64QAM	1	8	22.33	22.52	22.43	23.5	2	
3	64QAM	1	14	22.47	22.52	22.50			
3	64QAM	8	0	21.43	21.47	21.38			
3	64QAM	8	4	21.38	21.43	21.31	22.5	3	
3	64QAM	8	7	21.39	21.43	21.30			
3	64QAM	15	0	21.27	21.35	21.34			
Channel				26697	26865	27013	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.45	24.56	24.40	25.5	0	
1.4	QPSK	1	3	24.35	24.45	24.39			
1.4	QPSK	1	5	24.40	24.50	24.50			
1.4	QPSK	3	0	24.38	24.53	24.51	24.5	1	
1.4	QPSK	3	1	24.35	24.45	24.43			
1.4	QPSK	3	3	24.35	24.39	24.27			
1.4	QPSK	6	0	23.38	23.40	23.29	23.5	2	
1.4	16QAM	1	0	23.46	23.58	23.55			
1.4	16QAM	1	3	23.29	23.47	23.38			
1.4	16QAM	1	5	23.39	23.51	23.51	23.5	2	
1.4	16QAM	3	0	23.48	23.49	23.36			
1.4	16QAM	3	1	23.34	23.39	23.40			
1.4	16QAM	3	3	23.39	23.42	23.35	23.5	2	
1.4	64QAM	1	0	22.52	22.59	22.53			
1.4	64QAM	1	3	22.35	22.50	22.44			
1.4	64QAM	1	5	22.45	22.46	22.40	22.5	3	
1.4	64QAM	3	0	22.37	22.47	22.45			
1.4	64QAM	3	1	22.35	22.37	22.33			
1.4	64QAM	3	3	22.39	22.42	22.38	22.5	3	
1.4	64QAM	6	0	21.32	21.34	21.36			

Band 38 Ant0 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	21	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.85	19.87	19.71	21	0	
20	QPSK	1	49	19.74	19.79	19.62			
20	QPSK	1	99	19.73	19.86	19.61			
20	QPSK	50	0	19.73	19.78	19.52			
20	QPSK	50	24	19.66	19.76	19.53	21	0	
20	QPSK	50	50	19.70	19.69	19.62			
20	QPSK	100	0	19.67	19.72	19.65			
20	16QAM	1	0	19.76	19.79	19.65			
20	16QAM	1	49	19.74	19.74	19.66	21	0	
20	16QAM	1	99	19.75	19.77	19.60			
20	16QAM	50	0	19.71	19.81	19.63			
20	16QAM	50	24	19.75	19.76	19.68			
20	16QAM	50	50	19.79	19.78	19.61	21	0	
20	16QAM	100	0	19.76	19.70	19.58			
20	64QAM	1	0	19.72	19.79	19.55			
20	64QAM	1	49	19.69	19.70	19.55			
20	64QAM	1	99	19.84	19.81	19.70	21	0	
20	64QAM	50	0	19.75	19.81	19.52			
20	64QAM	50	24	19.76	19.84	19.55			
20	64QAM	50	50	19.82	19.68	19.55			
20	64QAM	100	0	19.82	19.72	19.63	21	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)		MPR (dB)
15	QPSK	1	0	19.79	19.69	19.60	21	0	
15	QPSK	1	37	19.68	19.70	19.54			
15	QPSK	1	74	19.58	19.83	19.45			
15	QPSK	36	0	19.67	19.76	19.51			
15	QPSK	36	20	19.53	19.63	19.35	21	0	
15	QPSK	36	39	19.54	19.62	19.47			
15	QPSK	75	0	19.56	19.62	19.53			
15	16QAM	1	0	19.70	19.76	19.47			
15	16QAM	1	37	19.63	19.60	19.49	21	0	
15	16QAM	1	74	19.74	19.69	19.51			
15	16QAM	36	0	19.56	19.76	19.55			
15	16QAM	36	20	19.68	19.65	19.61			
15	16QAM	36	39	19.74	19.69	19.43	21	0	
15	16QAM	75	0	19.66	19.63	19.51			
15	64QAM	1	0	19.54	19.66	19.53			
15	64QAM	1	37	19.58	19.52	19.54			
15	64QAM	1	74	19.67	19.62	19.61	21	0	
15	64QAM	36	0	19.65	19.71	19.44			
15	64QAM	36	20	19.57	19.75	19.47			
15	64QAM	36	39	19.66	19.50	19.41			
15	64QAM	75	0	19.68	19.59	19.57	21	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)		MPR (dB)
10	QPSK	1	0	19.81	19.74	19.60	21	0	
10	QPSK	1	25	19.67	19.63	19.55			
10	QPSK	1	49	19.62	19.76	19.49			
10	QPSK	25	0	19.66	19.61	19.36			
10	QPSK	25	12	19.52	19.66	19.38	21	0	
10	QPSK	25	25	19.57	19.52	19.60			
10	QPSK	50	0	19.59	19.66	19.51			
10	16QAM	1	0	19.70	19.64	19.63			
10	16QAM	1	25	19.59	19.62	19.64	21	0	
10	16QAM	1	49	19.61	19.58	19.53			
10	16QAM	25	0	19.60	19.75	19.53			
10	16QAM	25	12	19.71	19.67	19.61			
10	16QAM	25	25	19.71	19.75	19.51	21	0	
10	16QAM	50	0	19.73	19.64	19.44			
10	64QAM	1	0	19.66	19.71	19.39			
10	64QAM	1	25	19.56	19.63	19.43			
10	64QAM	1	49	19.74	19.78	19.61	21	0	
10	64QAM	25	0	19.62	19.77	19.40			
10	64QAM	25	12	19.70	19.76	19.40			
10	64QAM	25	25	19.68	19.61	19.48			
10	64QAM	50	0	19.74	19.58	19.56	21	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	0	19.81	19.72	19.69	21	0	
5	QPSK	1	12	19.64	19.69	19.54			
5	QPSK	1	24	19.55	19.82	19.43			
5	QPSK	12	0	19.68	19.71	19.37			
5	QPSK	12	7	19.47	19.62	19.37	21	0	
5	QPSK	12	13	19.58	19.65	19.53			
5	QPSK	25	0	19.49	19.63	19.46			
5	16QAM	1	0	19.72	19.73	19.54			
5	16QAM	1	12	19.71	19.58	19.49	21	0	
5	16QAM	1	24	19.59	19.65	19.51			
5	16QAM	12	0	19.54	19.72	19.50			
5	16QAM	12	7	19.69	19.70	19.56			
5	16QAM	12	13	19.77	19.71	19.43	21	0	
5	16QAM	25	0	19.74	19.64	19.44			
5	64QAM	1	0	19.55	19.75	19.50			
5	64QAM	1	12	19.54	19.61	19.40			
5	64QAM	1	24	19.75	19.78	19.56	21	0	
5	64QAM	12	0	19.71	19.72	19.43			
5	64QAM	12	7	19.69	19.66	19.39			
5	64QAM	12	13	19.77	19.55	19.40			
5	64QAM	25	0	19.68	19.54	19.55	21	0	
Channel				37750	38000	38150			
Frequency (MHz)				2570	2595	2610	Tune-up limit (dBm)		MPR (dB)

Band 41 Ant0 DSI4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	21	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.83	19.78	19.92	19.72	19.88	21	0
20	QPSK	1	49	19.72	19.71	19.85	19.67	19.64		
20	QPSK	1	99	19.73	19.80	19.81	19.70	19.75		
20	QPSK	50	0	19.79	19.74	19.86	19.57	19.82		
20	QPSK	50	24	19.84	19.70	19.75	19.61	19.80	21	0
20	QPSK	50	50	19.68	19.67	19.71	19.65	19.75		
20	QPSK	100	0	19.77	19.67	19.81	19.69	19.76		
20	16QAM	1	0	19.83	19.70	19.80	19.65	19.66		
20	16QAM	1	49	19.78	19.71	19.85	19.65	19.68	21	0
20	16QAM	1	99	19.74	19.77	19.84	19.58	19.72		
20	16QAM	50	0	19.70	19.75	19.87	19.56	19.81		
20	16QAM	50	24	19.87	19.65	19.84	19.70	19.81		
20	16QAM	50	50	19.70	19.67	19.89	19.63	19.83	21	0
20	16QAM	100	0	19.70	19.76	19.80	19.55	19.67		
20	64QAM	1	0	19.79	19.72	19.76	19.75	19.78		
20	64QAM	1	49	19.70	19.67	19.79	19.67	19.85		
20	64QAM	1	99	19.82	19.61	19.88	19.58	19.71	21	0
20	64QAM	50	0	19.66	19.71	19.76	19.65	19.67		
20	64QAM	50	24	19.85	19.55	19.81	19.49	19.85		
20	64QAM	50	50	19.64	19.71	19.78	19.64	19.79		
20	64QAM	100	0	19.84	19.57	19.78	19.73	19.75	21	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	
15	QPSK	1	0	19.68	19.73	19.82	19.57	19.85	21	0
15	QPSK	1	37	19.66	19.63	19.71	19.54	19.54		
15	QPSK	1	74	19.63	19.67	19.69	19.58	19.60	21	0
15	QPSK	36	0	19.74	19.59	19.76	19.47	19.71		
15	QPSK	36	20	19.77	19.61	19.66	19.50	19.66		
15	QPSK	36	39	19.58	19.58	19.58	19.61	19.71		
15	QPSK	75	0	19.68	19.59	19.68	19.61	19.62	21	0
15	16QAM	1	0	19.75	19.62	19.77	19.52	19.52		
15	16QAM	1	37	19.70	19.65	19.70	19.58	19.55		
15	16QAM	1	74	19.68	19.74	19.77	19.51	19.66		
15	16QAM	36	0	19.61	19.70	19.79	19.48	19.68	21	0
15	16QAM	36	20	19.80	19.57	19.71	19.65	19.76		
15	16QAM	36	39	19.61	19.56	19.79	19.51	19.71		
15	16QAM	75	0	19.66	19.69	19.66	19.41	19.61		
15	64QAM	1	0	19.72	19.57	19.69	19.65	19.73	21	0
15	64QAM	1	37	19.62	19.58	19.76	19.56	19.74		
15	64QAM	1	74	19.68	19.54	19.83	19.49	19.68		
15	64QAM	36	0	19.54	19.63	19.65	19.61	19.63		
15	64QAM	36	20	19.77	19.50	19.77	19.39	19.73	21	0
15	64QAM	36	39	19.55	19.64	19.74	19.57	19.76		
15	64QAM	75	0	19.78	19.43	19.70	19.70	19.66		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	19.74	19.70	19.80	19.68	19.81	21.00	0
10	QPSK	1	25	19.80	19.58	19.81	19.58	19.53		
10	QPSK	1	49	19.68	19.65	19.69	19.60	19.69		
10	QPSK	25	0	19.65	19.81	19.76	19.54	19.75		
10	QPSK	25	12	19.79	19.56	19.69	19.55	19.76	21	0
10	QPSK	25	25	19.57	19.80	19.61	19.50	19.63		
10	QPSK	50	0	19.63	19.52	19.73	19.64	19.64		
10	16QAM	1	0	19.70	19.66	19.65	19.57	19.55		
10	16QAM	1	25	19.73	19.65	19.78	19.55	19.61	21	0
10	16QAM	1	49	19.69	19.65	19.70	19.54	19.62		
10	16QAM	25	0	19.57	19.63	19.81	19.44	19.78		
10	16QAM	25	12	19.80	19.52	19.72	19.59	19.77		
10	16QAM	25	25	19.60	19.56	19.79	19.59	19.78	21	0
10	16QAM	50	0	19.60	19.72	19.66	19.50	19.62		
10	64QAM	1	0	19.75	19.63	19.68	19.70	19.73		
10	64QAM	1	25	19.64	19.63	19.66	19.64	19.71		
10	64QAM	1	49	19.72	19.55	19.82	19.46	19.62	21	0
10	64QAM	25	0	19.54	19.57	19.63	19.52	19.57		
10	64QAM	25	12	19.79	19.46	19.76	19.34	19.80		
10	64QAM	25	25	19.56	19.65	19.68	19.53	19.72		
10	64QAM	50	0	19.71	19.47	19.72	19.59	19.60	21	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	
5	QPSK	1	0	19.76	19.65	19.82	19.64	19.79	21.00	0
5	QPSK	1	12	19.60	19.57	19.73	19.52	19.61		
5	QPSK	1	24	19.67	19.70	19.76	19.65	19.61		
5	QPSK	12	0	19.66	19.67	19.76	19.44	19.67		
5	QPSK	12	7	19.75	19.55	19.72	19.55	19.69	21	0
5	QPSK	12	13	19.55	19.61	19.67	19.55	19.68		
5	QPSK	25	0	19.69	19.56	19.71	19.63	19.70		
5	16QAM	1	0	19.72	19.56	19.66	19.56	19.60		
5	16QAM	1	12	19.64	19.60	19.75	19.58	19.57	21	0
5	16QAM	1	24	19.63	19.63	19.80	19.50	19.58		
5	16QAM	12	0	19.62	19.64	19.77	19.48	19.76		
5	16QAM	12	7	19.83	19.55	19.79	19.59	19.76		
5	16QAM	12	13	19.60	19.63	19.80	19.55	19.78	21	0
5	16QAM	25	0	19.60	19.69	19.65	19.44	19.59		
5	64QAM	1	0	19.69	19.60	19.73	19.62	19.65		
5	64QAM	1	12	19.62	19.63	19.74	19.57	19.78		
5	64QAM	1	24	19.70	19.50	19.80	19.50	19.62	21	0
5	64QAM	12	0	19.57	19.66	19.66	19.61	19.55		
5	64QAM	12	7	19.71	19.45	19.67	19.45	19.71		
5	64QAM	12	13	19.60	19.60	19.71	19.58	19.64		
5	64QAM	25	0	19.77	19.48	19.68	19.63	19.66		

GSM850 Ant1 Default								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 DSIS								
GSM1900	Burst Average Power (dBm)			Tuneup Limit (dBm)	Frame-Average Power (dBm)			Tuneup Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.08	28.23	28.04	28.50	19.08	19.23	19.04	19.50
GPRS 1 Tx slot	27.98	28.12	28.00	28.50	18.98	19.12	19.00	19.50
GPRS 2 Tx slots	24.21	24.23	24.17	25.00	18.21	18.23	18.17	19.00
GPRS 3 Tx slots	22.38	22.54	22.50	23.50	18.12	18.28	18.24	19.24
GPRS 4 Tx slots	21.22	21.32	21.25	22.00	18.22	18.32	18.25	19.00
EDGE 1 Tx slot	26.10	26.24	26.16	26.80	17.10	17.24	17.16	17.80
EDGE 2 Tx slots	23.37	23.45	23.23	24.10	17.37	17.45	17.23	18.10
EDGE 3 Tx slots	21.76	21.97	21.84	23.10	17.50	17.71	17.58	18.84
EDGE 4 Tx slots	20.51	20.56	20.43	21.30	17.51	17.56	17.43	18.30

WCDMA II Ant1 DSIS					WCDMA IV Ant1 DSIS					WCDMA V Ant1 Default				
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538	1312		1413	1513	4132		4182	4233			
Rx Channel	9662	9800	9938	1537		1638	1738	4357		4407	4458			
Frequency (MHz)	1852.4	1880	1907.6	1712.4		1732.6	1752.6	826.4		836.4	846.6			
3GPP Rel 99	AMR 12.2Kbps	16.81	16.89	16.71	18.00	19.20	19.32	19.03	20.00	23.93	24.09	24.06	25.50	
3GPP Rel 99	RMC 12.2Kbps	16.95	16.97	16.90	18.00	19.25	19.34	19.13	20.00	24.12	24.23	24.18	25.50	
3GPP Rel 6	HSDPA Subtest-1	15.96	16.01	15.79	17.00	18.32	18.37	18.06	19.00	23.10	23.22	23.15	24.50	
3GPP Rel 6	HSDPA Subtest-2	15.83	15.90	15.71	17.00	18.25	18.37	18.04	19.00	22.94	23.03	22.94	24.50	
3GPP Rel 6	HSDPA Subtest-3	15.36	15.48	15.39	16.50	17.79	17.84	17.63	18.50	22.50	22.72	22.59	24.00	
3GPP Rel 6	HSDPA Subtest-4	15.36	15.44	15.23	16.50	17.66	17.85	17.72	18.50	22.49	22.59	22.49	24.00	
3GPP Rel 8	DC-HSDPA Subtest-1	15.95	16.07	15.86	17.00	18.20	18.39	18.20	19.00	23.02	23.22	23.03	24.50	
3GPP Rel 8	DC-HSDPA Subtest-2	15.91	15.85	15.75	17.00	18.30	18.29	18.21	19.00	23.13	23.06	22.94	24.50	
3GPP Rel 8	DC-HSDPA Subtest-3	15.36	15.54	15.33	16.50	17.83	17.82	17.66	18.50	22.44	22.71	22.55	24.00	
3GPP Rel 8	DC-HSDPA Subtest-4	15.21	15.39	15.33	16.50	17.81	17.83	17.67	18.50	22.32	22.68	22.66	24.00	
3GPP Rel 6	HSUPA Subtest-1	15.89	15.98	15.87	17.00	18.21	18.32	18.12	19.00	23.04	23.20	23.04	24.50	
3GPP Rel 6	HSUPA Subtest-2	13.80	13.92	13.68	15.00	16.72	16.89	16.71	17.00	21.01	21.22	20.94	22.50	
3GPP Rel 6	HSUPA Subtest-3	14.74	14.89	14.58	16.00	17.31	17.32	17.21	18.00	21.92	22.18	21.83	23.50	
3GPP Rel 6	HSUPA Subtest-4	13.84	13.86	13.77	15.00	16.70	16.79	16.66	17.00	21.00	21.15	21.00	22.50	
3GPP Rel 6	HSUPA Subtest-5	15.86	16.03	16.00	17.00	18.17	18.30	18.06	19.00	23.03	23.23	22.99	24.50	

Band 2 Ant1 DSI4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				18700	18900	19100			
20	QPSK	1	0	17.28	17.31	17.12	18	0	
20	QPSK	1	49	17.08	17.04	17.00			
20	QPSK	1	99	17.18	17.12	17.11			
20	QPSK	50	0	17.01	17.25	17.02			
20	QPSK	50	24	17.06	17.15	17.05	18	0	
20	QPSK	50	50	17.02	17.11	17.08			
20	QPSK	100	0	17.05	17.06	17.05			
20	16QAM	1	0	17.07	17.03	17.09			
20	16QAM	1	49	16.94	17.23	16.98	18	0	
20	16QAM	1	99	17.17	17.19	17.04			
20	16QAM	50	0	17.13	17.09	16.91			
20	16QAM	50	24	17.03	17.08	16.88			
20	16QAM	50	50	17.14	17.10	17.08	18	0	
20	16QAM	100	0	17.12	17.08	16.99			
20	64QAM	1	0	17.17	17.21	16.90			
20	64QAM	1	49	17.18	16.99	17.01			
20	64QAM	1	99	17.11	17.13	16.92	18	0	
20	64QAM	50	0	17.09	17.11	17.03			
20	64QAM	50	24	17.07	17.09	16.93			
20	64QAM	50	50	16.93	17.05	16.99			
20	64QAM	100	0	16.97	17.07	17.00	Tune-up limit (dBm)	MPR (dB)	
Channel				18675	18900	19125			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	17.16	17.23	17.01	18	0	
15	QPSK	1	37	17.04	16.97	16.89			
15	QPSK	1	74	17.07	17.05	17.05			
15	QPSK	36	0	16.93	17.18	16.88			
15	QPSK	36	20	17.01	17.09	16.95	18	0	
15	QPSK	36	39	16.97	17.08	17.05			
15	QPSK	75	0	16.91	17.00	16.95			
15	16QAM	1	0	16.97	16.97	17.01			
15	16QAM	1	37	16.88	17.17	16.89	18	0	
15	16QAM	1	74	17.08	17.08	16.97			
15	16QAM	36	0	17.00	17.04	16.84			
15	16QAM	36	20	16.98	16.95	16.79			
15	16QAM	36	39	17.00	17.01	17.03	18	0	
15	16QAM	75	0	17.08	17.03	16.94			
15	64QAM	1	0	17.07	17.07	16.78			
15	64QAM	1	37	17.09	16.91	16.94			
15	64QAM	1	74	16.96	16.99	16.83	18	0	
15	64QAM	36	0	17.01	17.07	16.99			
15	64QAM	36	20	17.02	17.05	16.86			
15	64QAM	36	39	16.80	16.98	16.86			
15	64QAM	75	0	16.92	17.02	16.82	Tune-up limit (dBm)	MPR (dB)	
Channel				18650	18900	19150			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	17.24	17.17	17.09	18	0	
10	QPSK	1	25	16.99	17.01	16.93			
10	QPSK	1	49	17.08	16.97	17.07			
10	QPSK	25	0	16.89	17.13	16.94		18	0
10	QPSK	25	12	17.02	17.06	16.95			
10	QPSK	25	25	16.97	17.04	17.04			
10	QPSK	50	0	17.06	16.94	16.94			
10	16QAM	1	0	17.04	16.97	16.95	18	0	
10	16QAM	1	25	16.80	17.11	16.86			
10	16QAM	1	49	17.10	17.11	16.97			
10	16QAM	25	0	17.00	17.05	16.83			
10	16QAM	25	12	16.99	17.03	16.82			
10	16QAM	25	25	17.03	16.95	16.94			
10	16QAM	50	0	17.08	17.02	16.85			
10	64QAM	1	0	17.12	17.10	16.82			
10	64QAM	1	25	17.12	16.90	16.90			
10	64QAM	1	49	17.01	17.00	16.80			
10	64QAM	25	0	17.04	17.05	16.97	18	0	
10	64QAM	25	12	16.93	17.04	16.78			
10	64QAM	25	25	16.80	16.95	16.87			
10	64QAM	50	0	16.85	16.94	16.87			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	17.23	17.19	17.07	18	0	
5	QPSK	1	12	16.95	16.96	16.88			
5	QPSK	1	24	17.03	17.08	17.08			
5	QPSK	12	0	16.93	17.13	16.89		18	0
5	QPSK	12	7	16.97	17.07	16.94			
5	QPSK	12	13	16.92	16.98	16.96			
5	QPSK	25	0	17.01	17.03	16.91			
5	16QAM	1	0	16.97	16.89	17.03	18	0	
5	16QAM	1	12	16.89	17.17	16.90			
5	16QAM	1	24	17.11	17.09	16.89			
5	16QAM	12	0	17.02	17.04	16.77			
5	16QAM	12	7	16.99	16.94	16.81			
5	16QAM	12	13	17.05	16.95	16.98			
5	16QAM	25	0	16.99	16.93	16.92			
5	64QAM	1	0	17.05	17.08	16.79			
5	64QAM	1	12	17.10	16.85	16.90			
5	64QAM	1	24	17.01	17.03	16.88			
5	64QAM	12	0	16.98	16.99	16.91	18	0	
5	64QAM	12	7	17.00	16.98	16.90			
5	64QAM	12	13	16.89	16.94	16.93			
5	64QAM	25	0	16.91	16.88	16.93			
Channel				1851.5	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	17.19	17.18	17.01	18	0	
3	QPSK	1	8	16.99	17.00	16.89			
3	QPSK	1	14	17.07	17.08	17.03			
3	QPSK	8	0	16.87	17.18	16.88		18	0
3	QPSK	8	4	16.96	17.01	16.94			
3	QPSK	8	7	16.97	16.97	17.03			
3	QPSK	15	0	17.00	16.97	16.90			
3	16QAM	1	0	17.04	16.96	17.05	18	0	
3	16QAM	1	8	16.83	17.13	16.84			
3	16QAM	1	14	17.05	17.15	16.90			
3	16QAM	8	0	17.01	16.97	16.86		18	0
3	16QAM	8	4	16.93	16.95	16.82			
3	16QAM	8	7	17.06	16.97	17.02			
3	16QAM	15	0	17.09	16.97	16.92			
3	64QAM	1	0	17.11	17.17	16.79	18	0	
3	64QAM	1	8	17.13	16.90	16.93			
3	64QAM	1	14	16.99	16.98	16.80			
3	64QAM	8	0	17.02	17.05	16.96		18	0
3	64QAM	8	4	17.03	16.95	16.78			
3	64QAM	8	7	16.86	16.98	16.90			
3	64QAM	15	0	16.91	16.92	16.87			
Channel				18500	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	17.20	17.21	17.06	18	0	
1.4	QPSK	1	3	16.99	16.92	16.90			
1.4	QPSK	1	5	17.12	17.00	17.04			
1.4	QPSK	3	0	16.98	17.17	16.98		18	0
1.4	QPSK	3	1	17.03	17.02	16.91			
1.4	QPSK	3	3	16.93	17.02	17.04			
1.4	QPSK	6	0	16.94	17.01	16.91			
1.4	16QAM	1	0	16.99	16.92	16.95	18	0	
1.4	16QAM	1	3	16.84	17.17	16.92			
1.4	16QAM	1	5	17.13	17.14	17.01			
1.4	16QAM	3	0	17.09	16.96	16.79		18	0
1.4	16QAM	3	1	16.92	16.94	16.84			
1.4	16QAM	3	3	17.08	16.99	17.02			
1.4	16QAM	6	0	17.04	17.00	16.86			
1.4	64QAM	1	0	17.14	17.15	16.77	18	0	
1.4	64QAM	1	3	17.11	16.88	16.88			
1.4	64QAM	1	5	16.97	17.05	16.80			
1.4	64QAM	3	0	17.05	16.98	16.91		18	0
1.4	64QAM	3	1	17.00	16.99	16.87			
1.4	64QAM	3	3	16.84	16.94	16.88			
1.4	64QAM	6	0	16.91	17.00	16.87			

Band 4 Ant1 DSI4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.64	19.67	19.56		
20	QPSK	1	49	19.55	19.56	19.48	20	0
20	QPSK	1	99	19.41	19.44	19.39		
20	QPSK	50	0	19.50	19.53	19.32		
20	QPSK	50	25	19.47	19.44	19.56	20	0
20	QPSK	50	50	19.52	19.57	19.47		
20	QPSK	100	0	19.50	19.47	19.47		
20	16QAM	1	0	19.56	19.49	19.43		
20	16QAM	1	49	19.51	19.59	19.40	20	0
20	16QAM	1	99	19.57	19.61	19.32		
20	16QAM	50	0	19.52	19.47	19.38		
20	16QAM	50	24	19.47	19.51	19.35	20	0
20	16QAM	50	50	19.44	19.44	19.32		
20	16QAM	100	0	19.44	19.59	19.38		
20	84QAM	1	0	19.48	19.44	19.39		
20	84QAM	1	49	19.47	19.46	19.35	20	0
20	84QAM	1	99	19.53	19.44	19.50		
20	84QAM	50	0	19.47	19.48	19.40		
20	84QAM	50	24	19.56	19.48	19.48	20	0
20	84QAM	50	50	19.44	19.50	19.38		
20	84QAM	100	0	19.57	19.54	19.34		
Channel				20025 <th>20175</th> <th>20325</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.51	19.54	19.44		
15	QPSK	1	37	19.43	19.45	19.38	20	0
15	QPSK	1	74	19.40	19.48	19.49		
15	QPSK	36	0	19.42	19.46	19.47		
15	QPSK	36	20	19.51	19.59	19.45	20	0
15	QPSK	36	39	19.50	19.50	19.38		
15	QPSK	75	0	19.56	19.55	19.33		
15	16QAM	1	0	19.41	19.44	19.50	20	0
15	16QAM	1	37	19.42	19.53	19.45		
15	16QAM	1	74	19.43	19.45	19.48		
15	16QAM	36	0	19.52	19.51	19.43		
15	16QAM	36	20	19.42	19.60	19.44	20	0
15	16QAM	36	39	19.57	19.56	19.49		
15	16QAM	75	0	19.42	19.55	19.39		
15	84QAM	1	0	19.50	19.51	19.34	20	0
15	84QAM	1	37	19.40	19.46	19.46		
15	84QAM	1	74	19.42	19.45	19.44		
15	84QAM	36	0	19.43	19.56	19.36		
15	84QAM	36	20	19.46	19.43	19.36	20	0
15	84QAM	36	39	19.41	19.53	19.39		
15	84QAM	75	0	19.52	19.52	19.33		
Channel				20000 <th>20175</th> <th>20350</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715 <th>1732.5</th> <th>1750</th> <th></th> <th></th>	1732.5	1750		
10	QPSK	1	0	19.41	19.60	19.45		
10	QPSK	1	25	19.41	19.51	19.42	20	0
10	QPSK	1	49	19.48	19.48	19.45		
10	QPSK	25	0	19.51	19.51	19.46		
10	QPSK	25	12	19.47	19.54	19.41	20	0
10	QPSK	25	25	19.44	19.44	19.50		
10	QPSK	50	0	19.49	19.54	19.45		
10	16QAM	1	0	19.51	19.52	19.49		
10	16QAM	1	25	19.48	19.47	19.41	20	0
10	16QAM	1	49	19.45	19.45	19.47		
10	16QAM	25	0	19.51	19.54	19.34		
10	16QAM	25	12	19.46	19.50	19.37	20	0
10	16QAM	25	25	19.47	19.59	19.32		
10	16QAM	50	0	19.43	19.48	19.36		
10	84QAM	1	0	19.52	19.44	19.45	20	0
10	84QAM	1	25	19.46	19.47	19.34		
10	84QAM	1	49	19.52	19.51	19.37		
10	84QAM	25	0	19.45	19.46	19.43	20	0
10	84QAM	25	12	19.55	19.59	19.41		
10	84QAM	25	25	19.58	19.54	19.50	20	0
10	84QAM	50	0	19.44	19.49	19.41		
Channel				19997.5 <th>20175</th> <th>20375</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.42	19.49	19.43		
5	QPSK	1	12	19.43	19.55	19.38	20	0
5	QPSK	1	24	19.43	19.45	19.41		
5	QPSK	12	0	19.49	19.46	19.34		
5	QPSK	12	10	19.52	19.44	19.38	20	0
5	QPSK	12	13	19.52	19.58	19.40		
5	QPSK	25	0	19.44	19.49	19.37		
5	16QAM	1	0	19.45	19.48	19.43		
5	16QAM	1	12	19.55	19.57	19.38	20	0
5	16QAM	1	24	19.57	19.56	19.49		
5	16QAM	12	0	19.41	19.62	19.50		
5	16QAM	12	7	19.49	19.61	19.36	20	0
5	16QAM	12	10	19.54	19.45	19.49		
5	16QAM	25	0	19.57	19.58	19.48		
5	84QAM	1	0	19.45	19.52	19.43	20	0
5	84QAM	1	12	19.54	19.56	19.38		
5	84QAM	1	24	19.46	19.48	19.47		
5	84QAM	12	0	19.49	19.55	19.34	20	0
5	84QAM	12	7	19.55	19.49	19.33		
5	84QAM	12	13	19.49	19.49	19.39	20	0
5	84QAM	25	0	19.49	19.50	19.43		
Channel				19965 <th>20175</th> <th>20385</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.42	19.52	19.44		
3	QPSK	1	8	19.55	19.43	19.37	20	0
3	QPSK	1	14	19.49	19.44	19.44		
3	QPSK	8	0	19.47	19.57	19.44		
3	QPSK	8	4	19.46	19.49	19.32	20	0
3	QPSK	8	7	19.58	19.59	19.40		
3	QPSK	15	0	19.46	19.46	19.40		
3	16QAM	1	0	19.51	19.57	19.36	20	0
3	16QAM	1	8	19.48	19.44	19.33		
3	16QAM	1	14	19.45	19.47	19.44		
3	16QAM	8	0	19.42	19.56	19.35	20	0
3	16QAM	8	4	19.55	19.49	19.40		
3	16QAM	8	7	19.58	19.60	19.47		
3	16QAM	15	0	19.51	19.59	19.36		
3	84QAM	1	0	19.41	19.52	19.50	20	0
3	84QAM	1	8	19.51	19.53	19.42		
3	84QAM	1	14	19.41	19.54	19.47		
3	84QAM	8	0	19.56	19.59	19.48		
3	84QAM	8	4	19.43	19.44	19.43	20	0
3	84QAM	8	7	19.43	19.52	19.50		
3	84QAM	15	0	19.56	19.46	19.48		
Channel				19957 <th>20175</th> <th>20393</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7 <th>1732.5</th> <th>1754.3</th> <th></th> <th></th>	1732.5	1754.3		
1.4	QPSK	1	0	19.43	19.57	19.42		
1.4	QPSK	1	1	19.45	19.48	19.56	20	0
1.4	QPSK	1	3	19.49	19.58	19.35		
1.4	QPSK	3	0	19.55	19.58	19.49		
1.4	QPSK	3	1	19.46	19.49	19.34	20	0
1.4	QPSK	3	3	19.42	19.47	19.35		
1.4	QPSK	6	0	19.57	19.48	19.47	20	0
1.4	16QAM	1	0	19.46	19.51	19.36		
1.4	16QAM	1	3	19.50	19.46	19.39	20	0
1.4	16QAM	1	5	19.55	19.50	19.44		
1.4	16QAM	3	0	19.53	19.60	19.42		
1.4	16QAM	3	1	19.52	19.53	19.36		
1.4	16QAM	3	3	19.57	19.55	19.33	20	0
1.4	16QAM	6	0	19.41	19.54	19.40		
1.4	84QAM	1	0	19.43	19.44	19.36		
1.4	84QAM	1	3	19.43	19.49	19.41		
1.4	84QAM	1	5	19.57	19.50	19.43	20	0
1.4	84QAM	1	8	19.48	19.44	19.45		
1.4	84QAM	3	1	19.43	19.46	19.46		
1.4	84QAM	3	3	19.40	19.49	19.43		
1.4	84QAM	6	0	19.49	19.50	19.43	20	0

Band 7 Ant1 DS14									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.95	18.10	18.03	19	0	
20	QPSK	1	49	17.86	18.01	17.90			
20	QPSK	1	99	17.77	17.93	17.96			
20	QPSK	50	0	17.72	17.99	17.81			
20	QPSK	50	24	17.77	17.93	17.88	19	0	
20	QPSK	50	50	17.80	17.94	17.87			
20	QPSK	100	0	17.86	17.96	17.86			
20	16QAM	1	0	17.88	17.87	17.82			
20	16QAM	1	49	17.75	18.00	17.86	19	0	
20	16QAM	1	99	17.79	17.86	17.81			
20	16QAM	50	0	17.86	18.03	17.88			
20	16QAM	50	24	17.72	17.90	17.96			
20	16QAM	50	50	17.84	18.01	17.79	19	0	
20	16QAM	100	0	17.73	17.91	17.83			
20	64QAM	1	0	17.72	17.87	17.89			
20	64QAM	1	49	17.73	17.88	17.79			
20	64QAM	1	99	17.79	17.86	17.81	19	0	
20	64QAM	50	0	17.76	17.90	17.89			
20	64QAM	50	24	17.79	17.99	17.81			
20	64QAM	50	50	17.88	18.03	17.86			
20	64QAM	100	0	17.74	17.95	17.83	Tune-up limit (dBm)	MPR (dB)	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.84	18.00	17.83	19	0	
15	QPSK	1	37	17.86	18.03	17.80			
15	QPSK	1	74	17.85	18.00	17.92			
15	QPSK	36	0	17.85	18.01	17.79			
15	QPSK	36	20	17.81	18.03	17.85	19	0	
15	QPSK	36	39	17.83	17.86	17.95			
15	QPSK	75	0	17.73	17.90	17.93			
15	16QAM	1	0	17.84	18.00	17.82			
15	16QAM	1	37	17.81	17.91	17.90	19	0	
15	16QAM	1	74	17.88	18.00	17.79			
15	16QAM	36	0	17.80	18.00	17.83			
15	16QAM	36	20	17.85	17.94	17.97			
15	16QAM	36	39	17.82	17.99	17.87	19	0	
15	16QAM	75	0	17.76	17.89	17.90			
15	64QAM	1	0	17.86	18.00	17.90			
15	64QAM	1	37	17.87	17.99	17.96			
15	64QAM	1	74	17.72	17.96	17.83	19	0	
15	64QAM	36	0	17.83	17.94	17.80			
15	64QAM	36	20	17.80	17.97	17.95			
15	64QAM	36	39	17.73	17.92	17.94			
15	64QAM	75	0	17.73	17.94	17.87	Tune-up limit (dBm)	MPR (dB)	
Channel				20900	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.83	17.94	17.82	19	0	
10	QPSK	1	25	17.72	18.03	17.83			
10	QPSK	1	49	17.84	17.97	17.82			
10	QPSK	25	0	17.86	17.89	17.84			
10	QPSK	25	12	17.85	17.92	17.79	19	0	
10	QPSK	25	25	17.82	17.98	17.96			
10	QPSK	50	0	17.88	17.91	17.86			
10	16QAM	1	0	17.77	18.00	17.93			
10	16QAM	1	25	17.80	17.95	17.87	19	0	
10	16QAM	1	49	17.88	17.98	17.86			
10	16QAM	25	0	17.76	17.90	17.84			
10	16QAM	25	12	17.72	17.88	17.89			
10	16QAM	25	25	17.86	18.02	17.83	19	0	
10	16QAM	50	0	17.76	18.03	17.88			
10	64QAM	1	0	17.78	17.94	17.92			
10	64QAM	1	25	17.84	18.00	17.92			
10	64QAM	1	49	17.79	17.86	17.84	19	0	
10	64QAM	25	0	17.88	18.01	17.89			
10	64QAM	25	12	17.84	17.90	17.89			
10	64QAM	25	25	17.82	17.91	17.80			
10	64QAM	50	0	17.77	18.04	17.94	Tune-up limit (dBm)	MPR (dB)	
Channel				20925	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.73	17.87	17.81	19	0	
5	QPSK	1	12	17.77	18.01	17.92			
5	QPSK	1	24	17.71	17.88	17.86			
5	QPSK	12	0	17.84	17.97	17.88			
5	QPSK	12	7	17.73	17.87	17.96	19	0	
5	QPSK	12	13	17.87	18.03	17.85			
5	QPSK	25	0	17.72	18.04	17.90			
5	16QAM	1	0	17.87	17.90	17.80			
5	16QAM	1	12	17.76	17.89	17.90	19	0	
5	16QAM	1	24	17.74	17.87	17.86			
5	16QAM	12	0	17.73	18.00	17.91			
5	16QAM	12	7	17.77	17.94	17.95			
5	16QAM	12	13	17.76	17.98	17.81	19	0	
5	16QAM	25	0	17.85	18.01	17.83			
5	64QAM	1	0	17.83	17.98	17.95			
5	64QAM	1	12	17.88	18.03	17.85			
5	64QAM	1	24	17.75	17.90	17.82	19	0	
5	64QAM	12	0	17.76	17.93	17.80			
5	64QAM	12	7	17.80	17.91	17.86			
5	64QAM	12	13	17.81	17.87	17.81			
5	64QAM	25	0	17.72	17.88	17.96	Tune-up limit (dBm)	MPR (dB)	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			

Band 12 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.35	24.50	24.30	25.5	0	
10	QPSK	1	25	24.20	24.30	24.26			
10	QPSK	1	49	24.39	24.38	24.27			
10	QPSK	25	0	23.27	23.37	23.31			
10	QPSK	25	12	23.26	23.26	23.15	24.5	1	
10	QPSK	25	25	23.08	23.15	23.14			
10	QPSK	50	0	23.21	23.32	23.21			
10	16QAM	1	0	23.44	23.50	23.44			
10	16QAM	1	25	23.31	23.38	23.24	24.5	1	
10	16QAM	1	49	23.39	23.38	23.29			
10	16QAM	25	0	22.39	22.56	22.42			
10	16QAM	25	12	22.37	22.46	22.31			
10	16QAM	25	25	22.45	22.54	22.42	23.5	2	
10	16QAM	50	0	22.51	22.57	22.57			
10	64QAM	1	0	22.57	22.60	22.60			
10	64QAM	1	25	22.46	22.55	22.47			
10	64QAM	1	49	22.48	22.50	22.35	23.5	2	
10	64QAM	25	0	21.51	21.57	21.51			
10	64QAM	25	12	21.38	21.45	21.40			
10	64QAM	25	25	21.40	21.45	21.47			
10	64QAM	50	0	21.46	21.48	21.36	Tune-up limit (dbm)	MPR (dB)	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	24.32	24.39	24.21	25.5	0	
5	QPSK	1	12	24.15	24.27	24.20			
5	QPSK	1	24	24.28	24.26	24.17			
5	QPSK	12	0	23.13	23.25	23.24			
5	QPSK	12	7	23.19	23.13	23.04	24.5	1	
5	QPSK	12	13	23.01	23.03	23.00			
5	16QAM	1	0	23.34	23.44	23.39	24.5	1	
5	16QAM	1	12	23.19	23.29	23.19			
5	16QAM	1	24	23.24	23.29	23.18			
5	16QAM	12	0	22.25	22.45	22.36			
5	16QAM	12	7	22.30	22.43	22.35	23.5	2	
5	16QAM	12	13	22.30	22.43	22.35			
5	16QAM	25	0	22.45	22.42	22.44	23.5	2	
5	64QAM	1	0	22.45	22.51	22.47			
5	64QAM	1	12	22.36	22.52	22.43			
5	64QAM	1	24	22.36	22.40	22.32			
5	64QAM	12	0	21.45	21.43	21.43	22.5	3	
5	64QAM	12	7	21.24	21.32	21.26			
5	64QAM	12	13	21.27	21.35	21.34			
5	64QAM	25	0	21.40	21.51	21.22			
Channel				23025	23095	23165	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	24.25	24.34	24.18	25.5	0	
3	QPSK	1	8	24.05	24.25	24.19			
3	QPSK	1	14	24.29	24.27	24.14			
3	QPSK	8	0	23.23	23.23	23.24			
3	QPSK	8	4	23.11	23.17	23.07	24.5	1	
3	QPSK	8	7	23.04	23.01	23.00			
3	QPSK	15	0	23.09	23.13	23.08	24.5	1	
3	16QAM	1	0	23.40	23.35	23.35			
3	16QAM	1	8	23.36	23.25	23.10			
3	16QAM	1	14	23.30	23.29	23.25			
3	16QAM	8	0	22.33	22.48	22.35	23.5	2	
3	16QAM	8	4	22.29	22.39	22.27			
3	16QAM	8	7	22.42	22.50	22.31			
3	16QAM	15	0	22.46	22.50	22.48			
3	64QAM	1	0	22.46	22.48	22.46	23.5	2	
3	64QAM	1	8	22.31	22.48	22.37			
3	64QAM	1	14	22.45	22.44	22.29			
3	64QAM	8	0	21.46	21.49	21.38			
3	64QAM	8	4	21.31	21.34	21.32	22.5	3	
3	64QAM	8	7	21.32	21.38	21.42			
3	64QAM	15	0	21.39	21.40	21.23	Tune-up limit (dbm)	MPR (dB)	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	24.26	24.39	24.14	25.5	0	
1.4	QPSK	1	7	24.06	24.24	24.06			
1.4	QPSK	1	5	24.21	24.23	24.13			
1.4	QPSK	3	0	24.14	24.22	24.18			
1.4	QPSK	3	1	24.13	24.09	24.02	24.5	1	
1.4	QPSK	3	3	23.96	24.00	24.02			
1.4	QPSK	6	0	23.04	23.18	23.05			
1.4	16QAM	1	0	23.33	23.35	23.37			
1.4	16QAM	1	3	23.22	23.32	23.15	24.5	1	
1.4	16QAM	1	5	23.24	23.23	23.16			
1.4	16QAM	3	0	23.31	23.45	23.28			
1.4	16QAM	3	1	23.20	23.29	23.22			
1.4	16QAM	3	3	23.35	23.42	23.29	23.5	2	
1.4	16QAM	6	0	22.46	22.42	22.44			
1.4	64QAM	1	0	22.47	22.49	22.53			
1.4	64QAM	1	3	22.35	22.41	22.20			
1.4	64QAM	1	5	22.36	22.43	22.26	23.5	2	
1.4	64QAM	3	0	22.41	22.44	22.33			
1.4	64QAM	3	1	22.22	22.28	22.24			
1.4	64QAM	3	3	22.28	22.29	22.37			
1.4	64QAM	6	0	21.30	21.35	21.27	22.5	3	

Band 17 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23760	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.31	24.49	24.39	25.5	0	
10	QPSK	1	25	24.30	24.44	24.39			
10	QPSK	1	49	24.24	24.36	24.24			
10	QPSK	25	0	23.49	23.55	23.42	24.5	1	
10	QPSK	25	12	23.41	23.51	23.38			
10	QPSK	25	25	23.50	23.50	23.39			
10	QPSK	50	0	23.36	23.47	23.36	24.5	1	
10	16QAM	1	0	23.45	23.53	23.42			
10	16QAM	1	25	23.41	23.42	23.23			
10	16QAM	1	49	23.30	23.44	23.41	23.5	2	
10	16QAM	25	0	22.51	22.57	22.42			
10	16QAM	25	12	22.43	22.46	22.42			
10	16QAM	25	25	22.33	22.45	22.38	23.5	2	
10	16QAM	50	0	22.45	22.52	22.43			
10	64QAM	1	0	22.59	22.60	22.54			
10	64QAM	1	25	22.48	22.53	22.45	23.5	2	
10	64QAM	1	49	22.56	22.61	22.46			
10	64QAM	25	0	21.40	21.47	21.38			
10	64QAM	25	12	21.42	21.45	21.32	22.5	3	
10	64QAM	25	25	21.40	21.42	21.39			
10	64QAM	50	0	21.51	21.57	21.45			
Channel				23755 <th>23790<th>23825</th><th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	23790 <th>23825</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.15	24.42	24.30	25.5	0	
5	QPSK	1	12	24.19	24.33	24.23			
5	QPSK	1	24	24.14	24.21	24.18			
5	QPSK	12	0	23.36	23.43	23.31	24.5	1	
5	QPSK	12	7	23.32	23.41	23.29			
5	QPSK	12	13	23.30	23.41	23.33			
5	QPSK	25	0	23.16	23.37	23.17	24.5	1	
5	16QAM	1	0	23.35	23.43	23.24			
5	16QAM	1	12	23.27	23.29	23.15			
5	16QAM	1	24	23.20	23.30	23.37	23.5	2	
5	16QAM	12	0	22.44	22.46	22.32			
5	16QAM	12	7	22.24	22.26	22.31			
5	16QAM	12	13	22.19	22.36	22.25	23.5	2	
5	16QAM	25	0	22.28	22.34	22.36			
5	64QAM	1	0	22.45	22.50	22.47			
5	64QAM	1	12	22.40	22.38	22.31	23.5	2	
5	64QAM	1	24	22.42	22.51	22.29			
5	64QAM	12	0	21.33	21.30	21.26			
5	64QAM	12	7	21.30	21.30	21.23	22.5	3	
5	64QAM	12	13	21.22	21.35	21.27			
5	64QAM	25	0	21.32	21.50	21.36			

Band 26 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.50	24.66	24.55	25.5	0	
15	QPSK	1	37	24.48	24.52	24.48			
15	QPSK	1	74	24.52	24.63	24.58			
15	QPSK	36	0	23.49	23.62	23.58	24.5	1	
15	QPSK	36	20	23.47	23.59	23.52			
15	QPSK	36	39	23.44	23.50	23.37			
15	QPSK	75	0	23.48	23.58	23.45	24.5	1	
15	16QAM	1	0	23.64	23.65	23.64			
15	16QAM	1	37	23.49	23.63	23.52			
15	16QAM	1	74	23.51	23.54	23.49	23.5	2	
15	16QAM	36	0	22.61	22.63	22.52			
15	16QAM	36	20	22.50	22.58	22.46			
15	16QAM	36	39	22.56	22.59	22.45	23.5	2	
15	16QAM	75	0	22.50	22.51	22.45			
15	64QAM	1	0	22.60	22.72	22.59			
15	64QAM	1	37	22.49	22.66	22.51	23.5	2	
15	64QAM	1	74	22.52	22.58	22.52			
15	64QAM	36	0	21.57	21.67	21.54			
15	64QAM	36	20	21.47	21.54	21.40	22.5	3	
15	64QAM	36	39	21.56	21.56	21.50			
15	64QAM	75	0	21.43	21.49	21.46			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	24.45	24.54	24.47	25.5	0	
10	QPSK	1	25	24.42	24.41	24.38			
10	QPSK	1	49	24.49	24.49	24.52			
10	QPSK	25	0	23.42	23.57	23.52	24.5	1	
10	QPSK	25	12	23.33	23.55	23.46			
10	QPSK	25	25	23.31	23.39	23.30			
10	QPSK	50	0	23.43	23.45	23.31	24.5	1	
10	16QAM	1	0	23.50	23.60	23.56			
10	16QAM	1	25	23.45	23.49	23.42			
10	16QAM	1	49	23.39	23.50	23.40	23.5	2	
10	16QAM	25	0	22.57	22.55	22.47			
10	16QAM	25	12	22.42	22.56	22.47			
10	16QAM	25	25	22.50	22.54	22.38	23.5	2	
10	16QAM	50	0	22.40	22.48	22.40			
10	64QAM	1	0	22.51	22.66	22.53			
10	64QAM	1	25	22.35	22.56	22.44	23.5	2	
10	64QAM	1	49	22.48	22.46	22.53			
10	64QAM	25	0	21.50	21.59	21.41			
10	64QAM	25	12	21.40	21.49	21.29	22.5	3	
10	64QAM	25	25	21.44	21.52	21.40			
10	64QAM	50	0	21.35	21.37	21.32			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.40	24.61	24.43	25.5	0	
5	QPSK	1	12	24.45	24.41	24.35			
5	QPSK	1	24	24.40	24.50	24.52			
5	QPSK	12	0	23.44	23.55	23.48	24.5	1	
5	QPSK	12	7	23.41	23.52	23.49			
5	QPSK	12	13	23.34	23.36	23.32			
5	QPSK	25	0	23.43	23.43	23.32	24.5	1	
5	16QAM	1	0	23.54	23.53	23.49			
5	16QAM	1	12	23.35	23.32	23.40			
5	16QAM	1	24	23.42	23.50	23.42	23.5	2	
5	16QAM	12	0	22.51	22.57	22.37			
5	16QAM	12	7	22.44	22.54	22.41			
5	16QAM	12	13	22.52	22.46	22.32	23.5	2	
5	16QAM	25	0	22.37	22.39	22.31			
5	64QAM	1	0	22.52	22.67	22.49			
5	64QAM	1	12	22.30	22.59	22.41	23.5	2	
5	64QAM	1	24	22.37	22.46	22.50			
5	64QAM	12	0	21.49	21.60	21.50			
5	64QAM	12	7	21.35	21.50	21.29	22.5	3	
5	64QAM	12	13	21.45	21.45	21.44			
5	64QAM	25	0	21.29	21.40	21.43			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	24.46	24.59	24.41	25.5	0	
3	QPSK	1	8	24.39	24.39	24.44			
3	QPSK	1	14	24.36	24.57	24.48			
3	QPSK	8	0	23.42	23.51	23.43	24.5	1	
3	QPSK	8	4	23.44	23.45	23.48			
3	QPSK	8	7	23.30	23.41	23.33			
3	QPSK	15	0	23.43	23.55	23.33	24.5	1	
3	16QAM	1	0	23.67	23.54	23.50			
3	16QAM	1	8	23.42	23.51	23.35			
3	16QAM	1	14	23.41	23.43	23.35	23.5	2	
3	16QAM	8	0	22.57	22.50	22.42			
3	16QAM	8	4	22.43	22.46	22.22			
3	16QAM	8	7	22.46	22.45	22.21	23.5	2	
3	16QAM	15	0	22.40	22.47	22.22			
3	16QAM	1	0	22.46	22.46	22.52			
3	84QAM	1	8	22.45	22.56	22.43	23.5	2	
3	84QAM	1	14	22.37	22.51	22.51			
3	84QAM	8	0	21.48	21.58	21.39			
3	64QAM	8	4	21.36	21.41	21.35	22.5	3	
3	64QAM	8	7	21.42	21.50	21.38			
3	64QAM	15	0	21.34	21.44	21.42			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	24.42	24.56	24.46	25.5	0	
1.4	QPSK	1	0	24.34	24.48	24.38			
1.4	QPSK	1	5	24.45	24.40	24.50			
1.4	QPSK	3	0	24.35	24.40	24.44	24.5	1	
1.4	QPSK	3	1	24.33	24.47	24.49			
1.4	QPSK	3	3	24.31	24.41	24.28			
1.4	QPSK	6	0	23.37	23.47	23.31	23.5	2	
1.4	16QAM	1	0	23.56	23.59	23.59			
1.4	16QAM	1	3	23.37	23.58	23.59			
1.4	16QAM	1	5	23.39	23.54	23.35	24.5	1	
1.4	16QAM	3	0	23.57	23.55	23.38			
1.4	16QAM	3	1	23.43	23.53	23.31			
1.4	16QAM	3	3	23.51	23.47	23.36	23.5	2	
1.4	16QAM	6	0	22.45	22.43	22.37			
1.4	64QAM	1	0	22.48	22.47	22.52			
1.4	64QAM	1	3	22.37	22.56	22.40	23.5	2	
1.4	64QAM	3	0	22.40	22.43	22.44			
1.4	64QAM	3	0	22.49	22.63	22.48			
1.4	64QAM	3	1	22.38	22.40	22.29	22.5	3	
1.4	64QAM	3	3	22.42	22.51	22.39			
1.4	64QAM	6	0	21.40	21.44	21.40			

Band 38 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.87	19.00	18.92	20	0	
20	QPSK	1	49	18.71	18.91	18.71			
20	QPSK	1	99	18.72	18.76	18.72			
20	QPSK	50	0	18.74	18.85	18.79			
20	QPSK	50	24	18.80	18.83	18.76	20	0	
20	QPSK	50	50	18.71	18.75	18.80			
20	QPSK	100	0	18.70	18.74	18.73			
20	16QAM	1	0	18.79	18.82	18.79			
20	16QAM	1	49	18.78	18.88	18.81	20	0	
20	16QAM	1	99	18.69	18.80	18.74			
20	16QAM	50	0	18.78	18.79	18.75			
20	16QAM	50	24	18.75	18.92	18.81			
20	16QAM	50	50	18.69	18.82	18.69	20	0	
20	16QAM	100	0	18.81	18.88	18.72			
20	64QAM	1	0	18.64	18.89	18.80			
20	64QAM	1	49	18.69	18.87	18.71			
20	64QAM	1	99	18.64	18.81	18.78	20	0	
20	64QAM	50	0	18.69	18.76	18.79			
20	64QAM	50	24	18.79	18.90	18.82			
20	64QAM	50	50	18.79	18.80	18.80			
20	64QAM	100	0	18.77	18.78	18.78	20	0	
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.79	18.84	18.72	20	0	
15	QPSK	1	37	18.80	18.82	18.69			
15	QPSK	1	74	18.67	18.84	18.82			
15	QPSK	36	0	18.75	18.91	18.72			
15	QPSK	36	20	18.66	18.86	18.75	20	0	
15	QPSK	36	39	18.77	18.81	18.70			
15	QPSK	75	0	18.75	18.80	18.77			
15	16QAM	1	0	18.66	18.83	18.68			
15	16QAM	1	37	18.73	18.82	18.71	20	0	
15	16QAM	1	74	18.76	18.89	18.80			
15	16QAM	36	0	18.73	18.83	18.77			
15	16QAM	36	20	18.70	18.88	18.78			
15	16QAM	36	39	18.74	18.86	18.82	20	0	
15	16QAM	75	0	18.74	18.80	18.81			
15	64QAM	1	0	18.65	18.93	18.85			
15	64QAM	1	37	18.74	18.90	18.81			
15	64QAM	1	74	18.80	18.83	18.82	20	0	
15	64QAM	36	0	18.79	18.85	18.73			
15	64QAM	36	20	18.67	18.90	18.78			
15	64QAM	36	39	18.77	18.94	18.68			
15	64QAM	75	0	18.66	18.93	18.84	20	0	
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.72	18.78	18.73	20	0	
10	QPSK	1	25	18.68	18.79	18.84			
10	QPSK	1	49	18.80	18.92	18.68			
10	QPSK	25	0	18.79	18.91	18.79			
10	QPSK	25	12	18.79	18.93	18.71	20	0	
10	QPSK	25	25	18.74	18.86	18.73			
10	QPSK	50	0	18.69	18.85	18.77			
10	16QAM	1	0	18.74	18.84	18.79			
10	16QAM	1	25	18.65	18.87	18.85	20	0	
10	16QAM	1	49	18.81	18.84	18.70			
10	16QAM	25	0	18.79	18.88	18.70			
10	16QAM	25	12	18.76	18.91	18.75			
10	16QAM	25	25	18.71	18.84	18.84	20	0	
10	16QAM	50	0	18.78	18.79	18.79			
10	64QAM	1	0	18.72	18.82	18.68			
10	64QAM	1	25	18.63	18.76	18.74			
10	64QAM	1	49	18.74	18.77	18.79	20	0	
10	64QAM	25	0	18.80	18.79	18.82			
10	64QAM	25	12	18.74	18.89	18.75			
10	64QAM	25	25	18.73	18.84	18.72			
10	64QAM	50	0	18.73	18.91	18.81	20	0	
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.76	18.91	18.70	20	0	
5	QPSK	1	12	18.81	18.86	18.69			
5	QPSK	1	24	18.69	18.79	18.69			
5	QPSK	12	0	18.68	18.92	18.71			
5	QPSK	12	7	18.63	18.94	18.81	20	0	
5	QPSK	12	13	18.73	18.85	18.81			
5	QPSK	25	0	18.74	18.92	18.79			
5	16QAM	1	0	18.76	18.81	18.85			
5	16QAM	1	12	18.67	18.82	18.85	20	0	
5	16QAM	1	24	18.65	18.94	18.77			
5	16QAM	12	0	18.78	18.94	18.77			
5	16QAM	12	7	18.80	18.83	18.84			
5	16QAM	12	13	18.69	18.79	18.79	20	0	
5	16QAM	25	0	18.74	18.89	18.77			
5	64QAM	1	0	18.81	18.84	18.76			
5	64QAM	1	12	18.64	18.85	18.72			
5	64QAM	1	24	18.69	18.87	18.84	20	0	
5	64QAM	12	0	18.72	18.90	18.80			
5	64QAM	12	7	18.64	18.93	18.82			
5	64QAM	12	13	18.66	18.91	18.74			
5	64QAM	25	0	18.74	18.90	18.71	20	0	

Band 41 Ant1 DSI4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.79	18.82	19.06	18.95	19.01	20	0
20	QPSK	1	49	18.59	18.59	18.85	18.86	18.93		
20	QPSK	1	99	18.69	18.62	18.83	18.85	18.84		
20	QPSK	50	0	18.67	18.72	18.89	18.84	18.83	20	0
20	QPSK	50	24	18.67	18.68	18.81	18.84	18.85		
20	QPSK	50	50	18.60	18.70	18.88	18.75	18.78		
20	QPSK	100	0	18.66	18.63	18.76	18.71	18.61	20	0
20	16QAM	1	0	18.61	18.60	18.96	18.75	18.81		
20	16QAM	1	49	18.58	18.63	18.90	18.73	18.78		
20	16QAM	1	99	18.71	18.63	18.88	18.71	18.89	20	0
20	16QAM	50	0	18.71	18.70	18.99	18.77	18.81		
20	16QAM	50	24	18.71	18.66	18.95	18.83	18.84		
20	16QAM	50	50	18.73	18.73	19.00	18.73	18.92	20	0
20	16QAM	100	0	18.63	18.73	18.92	18.77	18.83		
20	64QAM	1	0	18.71	18.75	18.97	18.87	18.91		
20	64QAM	1	49	18.56	18.69	18.85	18.86	18.87	20	0
20	64QAM	1	99	18.60	18.68	18.93	18.81	18.86		
20	64QAM	50	0	18.65	18.69	18.87	18.73	18.81		
20	64QAM	50	24	18.70	18.64	18.93	18.88	18.85	20	0
20	64QAM	50	50	18.59	18.73	18.82	18.88	18.90		
20	64QAM	100	0	18.72	18.72	18.85	18.88	18.90		
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	18.63	18.69	18.90	18.84	18.95	20	0
15	QPSK	1	37	18.60	18.71	18.93	18.77	18.95		
15	QPSK	1	74	18.61	18.62	18.86	18.83	18.80		
15	QPSK	36	0	18.67	18.69	18.84	18.74	18.95	20	0
15	QPSK	36	20	18.68	18.58	18.82	18.80	18.69		
15	QPSK	36	39	18.64	18.69	18.86	18.87	18.84		
15	QPSK	75	0	18.61	18.58	18.86	18.72	18.85	20	0
15	16QAM	1	0	18.63	18.73	18.99	18.73	18.83		
15	16QAM	1	37	18.64	18.68	18.97	18.86	18.94		
15	16QAM	1	74	18.72	18.65	18.82	18.83	18.84	20	0
15	16QAM	36	0	18.59	18.74	18.91	18.82	18.89		
15	16QAM	36	20	18.65	18.69	18.88	18.82	18.91		
15	16QAM	36	39	18.59	18.75	18.97	18.81	18.86	20	0
15	16QAM	75	0	18.62	18.60	18.82	18.84	18.94		
15	64QAM	1	0	18.65	18.67	18.91	18.75	18.84		
15	64QAM	1	37	18.60	18.66	18.98	18.76	18.81	20	0
15	64QAM	1	74	18.62	18.66	18.83	18.75	18.92		
15	64QAM	36	0	18.72	18.72	18.91	18.85	18.94		
15	64QAM	36	20	18.59	18.68	18.95	18.74	18.81	20	0
15	64QAM	36	39	18.59	18.60	18.87	18.80	18.79		
15	64QAM	75	0	18.61	18.73	18.95	18.76	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.56	18.61	18.87	18.77	18.83	20.00	0
10	QPSK	1	25	18.59	18.67	18.93	18.71	18.77		
10	QPSK	1	49	18.62	18.73	18.90	18.89	18.83		
10	QPSK	25	0	18.58	18.70	18.99	18.78	18.93	20	0
10	QPSK	25	12	18.68	18.58	18.86	18.74	18.88		
10	QPSK	25	25	18.66	18.59	18.97	18.80	18.85		
10	QPSK	50	0	18.56	18.75	18.82	18.77	18.83	20	0
10	16QAM	1	0	18.59	18.71	18.92	18.79	18.90		
10	16QAM	1	25	18.62	18.71	18.89	18.82	18.94		
10	16QAM	1	49	18.59	18.68	18.88	18.79	18.91	20	0
10	16QAM	25	0	18.64	18.69	18.84	18.88	18.87		
10	16QAM	25	12	18.62	18.61	18.94	18.82	18.80		
10	16QAM	25	25	18.59	18.65	18.94	18.78	18.88	20	0
10	16QAM	50	0	18.71	18.62	18.84	18.78	18.95		
10	64QAM	1	0	18.69	18.71	18.98	18.82	18.77		
10	64QAM	1	25	18.70	18.70	18.93	18.88	18.85	20	0
10	64QAM	1	49	18.62	18.72	18.83	18.85	18.94		
10	64QAM	25	0	18.69	18.60	18.90	18.85	18.88		
10	64QAM	25	12	18.68	18.71	18.98	18.83	18.87	20	0
10	64QAM	25	25	18.60	18.67	18.93	18.73	18.94		
10	64QAM	50	0	18.69	18.60	18.99	18.74	18.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.69	18.71	18.91	18.84	18.92	20.00	0
5	QPSK	1	12	18.57	18.76	18.92	18.72	18.91		
5	QPSK	1	24	18.57	18.75	18.83	18.76	18.87		
5	QPSK	12	0	18.66	18.74	18.88	18.85	18.88	20	0
5	QPSK	12	7	18.60	18.75	18.88	18.76	18.87		
5	QPSK	12	13	18.67	18.74	18.98	18.88	18.91		
5	QPSK	25	0	18.56	18.76	18.94	18.72	18.88	20	0
5	16QAM	1	0	18.61	18.61	18.83	18.85	18.87		
5	16QAM	1	12	18.73	18.67	18.93	18.82	18.84		
5	16QAM	1	24	18.69	18.70	18.84	18.77	18.94	20	0
5	16QAM	12	0	18.69	18.63	18.94	18.79	18.83		
5	16QAM	12	7	18.72	18.76	18.83	18.85	18.92		
5	16QAM	12	13	18.61	18.75	18.95	18.83	18.90	20	0
5	16QAM	25	0	18.64	18.58	18.86	18.69	18.91		
5	64QAM	1	0	18.72	18.69	18.98	18.78	18.81		
5	64QAM	1	12	18.61	18.74	18.85	18.82	18.85	20	0
5	64QAM	1	24	18.63	18.59	18.93	18.73	18.89		
5	64QAM	12	0	18.62	18.62	18.87	18.72	18.84		
5	64QAM	12	7	18.69	18.63	18.87	18.85	18.86	20	0
5	64QAM	12	13	18.57	18.63	18.88	18.81	18.89		
5	64QAM	25	0	18.55	18.59	18.84	18.82	18.89		

Uplink CA Power

Ant 0 Full

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.23	25.00
21100	21298	QPSK	1	99	1	0	23.33	25.00
21350	21152	QPSK	1	0	1	99	23.31	25.00

Ant 1 Full&DSI2

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.50	25.00
21100	21298	QPSK	1	99	1	0	23.53	25.00
21350	21152	QPSK	1	0	1	99	23.48	25.00
20850	21048	QPSK	50	50	50	0	23.48	25.00
21100	21298	QPSK	50	50	50	0	23.51	25.00
21350	21152	QPSK	50	0	50	50	23.47	25.00

Ant 0 Full&DSI2

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.07	25.50
37901	38099	QPSK	1	99	1	0	24.21	25.50
38150	37952	QPSK	1	0	1	99	24.11	25.50

Ant 1 Full&DSI2

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.18	25.50
37901	38099	QPSK	1	99	1	0	24.25	25.50
38150	37952	QPSK	1	0	1	99	24.16	25.50

Ant 0 DSI2

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.63	24.00
21100	21298	QPSK	1	99	1	0	22.68	24.00
21350	21152	QPSK	1	0	1	99	22.57	24.00

Ant 0 DSI4

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.46	19.00
21100	21298	QPSK	1	99	1	0	17.60	19.00
21350	21152	QPSK	1	0	1	99	17.54	19.00

Ant 1 DSI1

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	15.87	17.00
21100	21298	QPSK	1	99	1	0	16.09	17.00
21350	21152	QPSK	1	0	1	99	15.95	17.00
20850	21048	QPSK	50	50	50	0	15.89	17.00
21100	21298	QPSK	50	50	50	0	16.01	17.00
21350	21152	QPSK	50	0	50	50	15.91	17.00

Ant 1 DSI4

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.97	19.00
21100	21298	QPSK	1	99	1	0	18.03	19.00
21350	21152	QPSK	1	0	1	99	17.90	19.00
20850	21048	QPSK	50	50	50	0	17.82	19.00
21100	21298	QPSK	50	50	50	0	18.00	19.00
21350	21152	QPSK	50	0	50	50	17.87	19.00

Ant 0 DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.77	21.00
37901	38099	QPSK	1	99	1	0	19.87	21.00
38150	37952	QPSK	1	0	1	99	19.79	21.00

Ant 1 DSI1

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	16.85	18.00
37901	38099	QPSK	1	99	1	0	16.95	18.00
38150	37952	QPSK	1	0	1	99	16.84	18.00

Ant 1 DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.75	20.00
37901	38099	QPSK	1	99	1	0	18.76	20.00
38150	37952	QPSK	1	0	1	99	17.72	20.00

2CA DL

CA List	PCC								SCC				Power		
	LTE	BW	BW	UL	UL	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel	Mod.	RB		RB Offset	Band	(MHz)	Freq. (MHz)		Channel	Tx Power (dBm)
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098		24.08	24.13
CA_2A-2A	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098		24.09	24.20
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175		24.02	24.13
CA_2A-4A	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175		24.02	24.20
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175		23.93	24.13
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175		24.06	24.24
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1980	900		23.84	24.02
CA_2A-5A	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1980	900		24.19	24.33
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525		23.94	24.13
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525		24.00	24.20
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1980	900		24.21	24.32
CA_2A-7A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1980	900		24.16	24.31
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100		24.07	24.13
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100		24.02	24.20
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 2	20M	1980	900		23.55	23.72
CA_4A-5A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 2	20M	1980	900		23.89	23.99
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525		23.85	24.02
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525		24.16	24.33
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175		24.17	24.32
CA_4A-7A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175		24.16	24.31
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100		23.82	24.02
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100		24.22	24.33
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175		23.61	23.72
CA_5A-7A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175		23.92	23.99
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100		24.14	24.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100		24.16	24.31
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525		23.63	23.72
CA_5A-41A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525		23.87	23.99
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620		24.22	24.32
CA_7C	Band 5	Ant1	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620		24.22	24.31
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	20M	2554.8	3298		23.60	23.72
CA_7A-7A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	20M	2554.8	3298		23.90	23.99
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425		23.54	23.72
CA_12A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425		23.86	23.99
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886		24.32	24.47
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886		24.37	24.50
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095		23.92	24.04
CA_38C	Band 66	Ant1	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095		24.29	24.36
	Band 38	Ant0	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048		24.05	24.23
CA_41C	Band 38	Ant1	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048		24.31	24.41
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818		24.22	24.29
CA_41A-41A	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818		24.29	24.46
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565		24.19	24.29
CA_66B	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565		24.33	24.46
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	Band 66	5M	2154.3	66879		23.85	24.04
CA_66C	Band 66	Ant1	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979		24.20	24.36
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984		23.86	24.04
CA_66A-66A	Band 66	Ant1	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084		24.29	24.36
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311		23.92	24.04
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311		24.28	24.36

WLAN/Bluetooth Power

2.4GHz WLAN				Ant.3 Receiver Off		for Head Receiver On		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.83	20.00	17.34	18.50	97.80
		6	2437	18.56	20.00	17.14	18.50	
		11	2462	18.69	20.00	17.22	18.50	
	802.11g 6Mbps	1	2412	17.74	18.50		18.50	96.97
		6	2437	17.52	18.50		18.50	
		11	2462	16.33	17.50		17.50	
	802.11n-HT20 MCS0	1	2412	17.62	18.50		18.50	96.77
		6	2437	17.51	18.50		18.50	
		11	2462	15.25	16.50		16.50	

5.2GHz WLAN				Ant.3 Receiver Off		for Head Receiver On		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.12	15.00		14.50	97.46
		40	5200	13.92	15.00		14.50	
		44	5220	13.77	15.00		14.50	
		48	5240	13.83	15.00		14.50	
	802.11n-HT20 MCS0	36	5180	13.78	15.00		14.50	97.30
		40	5200	13.86	15.00		14.50	
		44	5220	13.54	14.50		14.50	
		48	5240	13.48	14.50		14.50	
	802.11n-HT40 MCS0	38	5190	13.96	15.00	13.58	14.50	94.68
		46	5230	13.75	15.00	13.47	14.50	
	802.11ac-VHT20 MCS0	36	5180	13.82	15.00		14.50	97.31
		40	5200	13.90	15.00		14.50	
		44	5220	13.57	14.50		14.50	
		48	5240	13.53	14.50		14.50	
	802.11ac-VHT40 MCS0	38	5190	13.99	15.00		14.50	94.74
		46	5230	13.81	15.00		14.50	
	802.11ac-VHT80 MCS0	42	5210	12.70	14.00		14.00	89.24

5.3GHz WLAN				Ant.3 Receiver Off		for Head Receiver On		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	13.76	15.00		14.50	97.46
		56	5280	13.59	15.00		14.50	
		60	5300	13.46	15.00		14.50	
		64	5320	13.40	15.00		14.50	
	802.11n-HT20 MCS0	52	5260	13.68	15.00		14.50	97.30
		56	5280	13.45	15.00		14.50	
		60	5300	13.28	14.50		14.50	
		64	5320	13.41	14.50		14.50	
	802.11n-HT40 MCS0	54	5270	13.55	15.00		14.50	94.68
		62	5310	13.56	15.00		14.50	
		52	5260	13.70	15.00		14.50	
	802.11ac-VHT20 MCS0	56	5280	13.48	15.00		14.50	97.31
		60	5300	13.31	14.50		14.50	
		64	5320	13.44	14.50		14.50	
	802.11ac-VHT40 MCS0	54	5270	13.62	15.00		14.50	94.74
		62	5310	13.58	15.00		14.50	
	802.11ac-VHT80 MCS0	58	5290	13.63	15.00	13.48	14.50	89.24

5.5GHz WLAN				Ant.3 Receiver Off		for Head Receiver On		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	12.77	13.50		12.50	97.46
		116	5580	12.59	13.50		12.50	
		124	5620	12.46	13.50		12.50	
		132	5660	12.60	13.50		12.50	
		140	5700	12.67	13.50		12.50	
	802.11n-HT20 MCS0	100	5500	12.40	13.50		12.50	97.30
		116	5580	12.30	13.50		12.50	
		124	5620	12.25	13.50		12.50	
		132	5660	12.36	13.50		12.50	
		140	5700	12.47	13.50		12.50	
	802.11n-HT40 MCS0	102	5510	12.97	14.00		12.50	94.68
		110	5550	12.80	14.00		12.50	
		126	5630	12.68	14.00		12.50	
		134	5670	12.80	14.00		12.50	
	802.11ac-VHT20 MCS0	100	5500	12.44	13.50		12.50	97.31
		116	5580	12.31	13.50		12.50	
		124	5620	12.28	13.50		12.50	
		132	5660	12.40	13.50		12.50	
	802.11ac-VHT40 MCS0	140	5700	12.51	13.50		12.50	94.74
		102	5510	13.01	14.00		12.50	
		110	5550	12.82	14.00		12.50	
		126	5630	12.71	14.00		12.50	
	802.11ac-VHT80 MCS0	134	5670	12.84	14.00		12.50	
		106	5530	11.55	12.50	11.55	12.50	
		122	5610	12.41	13.50	11.48	12.50	89.24

5.8GHz WLAN				Ant.3 Receiver Off		for Head Receiver On		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	13.72	14.50		13.00	97.46
		157	5785	13.77	14.50		13.00	
		165	5825	13.49	14.50		13.00	
	802.11n-HT20 MCS0	149	5745	13.63	14.50		13.00	97.30
		157	5785	13.57	14.50		13.00	
		165	5825	13.33	14.50		13.00	
	802.11n-HT40 MCS0	151	5755	14.08	15.00		13.00	94.68
		159	5795	13.85	15.00		13.00	
		149	5745	13.68	14.50		13.00	
	802.11ac-VHT20 MCS0	157	5785	13.60	14.50		13.00	97.31
		165	5825	13.36	14.50		13.00	
	802.11ac-VHT40 MCS0	151	5755	14.09	15.00		13.00	94.74
		159	5795	13.89	15.00		13.00	
	802.11ac-VHT80 MCS0	155	5775	13.63	14.50	12.32	13.00	89.24

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.81	3.68	3.65
	CH 39	2441	11.11	3.83	3.83
	CH 78	2480	10.88	4.27	4.29
Tune-up Limit			12.5	5	5

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-1.58
	CH 19	2440	-1.63
	CH 39	2480	-1.82
Tune-up Limit			0