

Full & Default Power Mode

GSM850 Ant1 Default							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (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	32.01	32.02	31.88	33.50	23.01	23.02	22.98
GPRS 1 Tx slot	32.04	32.06	32.03	33.50	23.04	23.06	23.03
GPRS 2 Tx slots	30.48	30.49	30.45	31.50	24.48	24.49	24.45
GPRS 3 Tx slots	28.65	28.62	28.56	29.50	24.39	24.36	24.30
GPRS 4 Tx slots	26.66	26.61	26.52	27.00	23.66	23.61	23.52
EDGE 1 Tx slot	26.27	26.33	26.26	26.00	17.27	17.33	17.26
EDGE 2 Tx slots	23.07	23.02	23.10	25.00	17.07	17.02	17.10
EDGE 3 Tx slots	21.24	21.21	21.22	23.20	16.98	16.95	16.96
EDGE 4 Tx slots	20.37	20.44	20.28	22.00	17.37	17.44	17.28

GSM1900 Ant1 Default							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)		
TX Channel	512	661	810		512	661	810
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8
GSM 1 Tx slot	28.76	28.74	28.76	30.50	19.76	19.74	19.76
GPRS 1 Tx slot	28.79	28.76	28.78	30.50	19.79	19.76	19.78
GPRS 2 Tx slots	27.12	27.34	27.45	28.50	21.19	21.34	21.45
GPRS 3 Tx slots	25.19	25.34	25.42	26.50	20.93	21.08	21.16
GPRS 4 Tx slots	23.15	23.30	23.41	24.50	20.15	20.30	20.41
EDGE 1 Tx slot	25.58	25.63	25.70	27.00	16.58	16.63	16.70
EDGE 2 Tx slots	22.74	22.85	22.73	24.00	16.74	16.85	16.73
EDGE 3 Tx slots	20.71	20.86	20.80	22.20	16.45	16.60	16.54
EDGE 4 Tx slots	19.62	19.64	19.61	21.00	16.62	16.64	16.61

WCDMA II Ant1 Default					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	23.39	23.40	23.39	25.00	23.47	23.40	23.59	25.00	23.81	23.81	23.68	25.00	
3GPP Rel 99	RMC 12.2Kbps	23.42	23.47	23.41	25.00	23.47	23.62	23.61	25.00	23.87	23.92	23.75	25.00	
3GPP Rel 6	HSDPA Subtest-1	22.51	22.39	22.51	24.00	22.48	22.52	22.73	24.00	22.91	22.86	22.79	24.00	
3GPP Rel 6	HSDPA Subtest-2	22.45	22.37	22.47	24.00	22.39	22.37	22.66	24.00	22.83	22.74	22.68	24.00	
3GPP Rel 6	HSDPA Subtest-3	22.02	21.91	21.96	23.50	21.95	21.97	22.14	23.50	22.39	22.29	22.29	23.50	
3GPP Rel 6	HSDPA Subtest-4	21.92	21.90	21.87	23.50	21.95	21.92	22.16	23.50	22.36	22.25	22.17	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.38	22.45	24.00	22.43	22.40	22.60	24.00	22.83	22.85	22.67	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.30	22.32	24.00	22.35	22.34	22.61	24.00	22.75	22.78	22.68	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	21.89	21.80	21.95	23.50	21.92	21.89	22.10	23.50	22.39	22.15	22.22	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.84	21.88	23.50	21.82	21.81	22.01	23.50	22.32	22.23	22.10	23.50	
3GPP Rel 6	HSUPA Subtest-1	22.38	22.28	22.36	24.00	22.30	22.38	22.55	24.00	22.75	22.68	22.71	24.00	
3GPP Rel 6	HSUPA Subtest-2	20.50	20.42	20.44	22.00	20.43	20.41	20.69	22.00	20.86	20.85	20.77	22.00	
3GPP Rel 6	HSUPA Subtest-3	21.54	21.56	21.54	23.00	21.57	21.58	21.69	23.00	21.98	21.87	21.80	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.47	20.29	20.34	22.00	20.38	20.36	20.63	22.00	20.76	20.75	20.72	22.00	
3GPP Rel 6	HSUPA Subtest-5	22.44	22.37	22.46	24.00	22.41	22.45	22.62	24.00	22.82	22.69	22.75	24.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.03	20.03	21.50	20.02	20.06	20.23	21.50	20.48	20.35	20.34	21.50	

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)				1800	1800	1900							
20	QPSK	1	0	24.17	24.20	24.14	25.5	0					
20	QPSK	1	49	24.03	24.07	23.94							
20	QPSK	1	99	23.97	24.05	23.90							
20	QPSK	50	0	23.05	23.11	23.00							
20	QPSK	50	24	22.97	23.05	22.99	24.5	1					
20	QPSK	50	50	23.04	23.07	23.01							
20	QPSK	100	0	22.89	22.95	22.86							
20	16QAM	1	0	22.64	22.69	22.60							
20	16QAM	1	49	22.54	22.57	22.53	24.5	1					
20	16QAM	1	99	22.53	22.62	22.58							
20	16QAM	50	0	22.05	22.10	21.96							
20	16QAM	50	24	21.89	22.01	21.88							
20	16QAM	50	50	21.84	22.04	21.95	23.5	2					
20	16QAM	100	0	22.04	22.11	22.01							
20	64QAM	1	0	21.85	21.95	21.92							
20	64QAM	1	49	21.73	21.87	21.83							
20	64QAM	1	99	21.76	21.88	21.76	23.5	2					
20	64QAM	50	0	20.54	20.65	20.51							
20	64QAM	50	24	20.52	20.62	20.51							
20	64QAM	50	50	20.52	20.57	20.59							
20	64QAM	100	0	20.53	20.60	20.51	22.5	3					
Channel													
Frequency (MHz)				1857.5	18900	19025	Tune-up limit (dBm)	MPR (dB)					
15	QPSK	1	0	24.09	24.05	24.00	25.5	0					
15	QPSK	1	37	23.88	24.00	23.81							
15	QPSK	1	74	23.90	23.95	23.82							
15	QPSK	36	0	22.93	23.00	22.96							
15	QPSK	36	20	22.91	22.95	22.87	24.5	1					
15	QPSK	36	39	22.98	23.00	22.98							
15	QPSK	75	0	22.78	22.83	22.72							
15	16QAM	1	0	22.55	22.58	22.54							
15	16QAM	1	37	22.50	22.57	22.52	24.5	1					
15	16QAM	1	74	22.56	22.53	22.51							
15	16QAM	36	0	22.01	21.99	21.83							
15	16QAM	36	20	21.76	21.90	21.79							
15	16QAM	36	39	21.84	21.91	21.88	23.5	2					
15	16QAM	75	0	21.80	21.85	21.96							
15	64QAM	1	0	21.81	21.88	21.80							
15	64QAM	1	37	21.80	21.81	21.78							
15	64QAM	1	74	21.73	21.78	21.66	23.5	2					
15	64QAM	36	0	20.50	20.52	20.57							
15	64QAM	36	20	20.53	20.52	20.54							
15	64QAM	36	39	20.60	20.51	20.54							
15	64QAM	75	0	20.57	20.53	20.53	22.5	3					
Channel													
Frequency (MHz)				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)					
10	QPSK	1	0	24.12	24.07	24.08	25.5	0					
10	QPSK	1	25	23.92	23.95	23.79							
10	QPSK	1	49	23.85	23.95	23.83							
10	QPSK	25	0	22.91	22.98	22.92							
10	QPSK	25	12	22.92	23.01	22.88	24.5	1					
10	QPSK	25	25	23.00	22.97	22.92							
10	QPSK	50	0	22.78	22.88	22.72							
10	16QAM	1	0	22.60	22.60	22.50							
10	16QAM	1	25	22.54	22.51	22.59	24.5	1					
10	16QAM	1	49	22.65	22.51	22.54							
10	16QAM	25	0	21.96	22.06	21.85							
10	16QAM	25	12	21.85	21.93	21.75							
10	16QAM	25	25	21.83	21.90	21.84	23.5	2					
10	16QAM	50	0	21.92	22.04	21.92							
10	64QAM	1	0	21.77	21.90	21.87							
10	64QAM	1	25	21.69	21.79	21.70							
10	64QAM	1	49	21.62	21.82	21.63	23.5	2					
10	64QAM	25	0	20.50	20.52	20.57							
10	64QAM	25	12	20.60	20.54	20.53							
10	64QAM	25	25	20.57	20.53	20.62							
10	64QAM	50	0	20.58	20.55	20.55	22.5	3					
Channel													
Frequency (MHz)				1852.5	18900	1907.5	Tune-up limit (dBm)	MPR (dB)					
5	QPSK	1	0	24.08	24.07	24.03	25.5	0					
5	QPSK	1	12	23.98	23.96	23.90							
5	QPSK	1	24	23.84	23.90	23.85							
5	QPSK	12	0	22.97	22.98	22.91							
5	QPSK	12	7	22.88	22.99	22.94	24.5	1					
5	QPSK	12	13	22.90	22.96	22.96							
5	QPSK	25	0	22.76	22.88	22.74							
5	16QAM	1	0	22.50	22.55	22.52							
5	16QAM	1	12	22.59	22.59	22.56	24.5	1					
5	16QAM	1	24	22.61	22.50	22.50							
5	16QAM	12	0	21.97	22.00	21.88							
5	16QAM	12	7	21.85	21.97	21.76							
5	16QAM	12	13	21.91	21.89	21.90	23.5	2					
5	16QAM	25	0	21.94	22.07	21.99							
5	64QAM	1	0	21.73	21.87	21.82							
5	64QAM	1	12	21.61	21.80	21.76							
5	64QAM	1	24	21.64	21.84	21.72	23.5	2					
5	64QAM	12	0	20.62	20.51	20.57							
5	64QAM	12	7	20.55	20.58	20.62							
5	64QAM	25	0	20.54	20.50	20.53							
5	64QAM	25	0	20.54	20.54	20.56	22.5	3					
Channel													
Frequency (MHz)				1851.5	18900	19165	Tune-up limit (dBm)	MPR (dB)					
3	QPSK	1	0	24.06	24.05	24.09	25.5	0					
3	QPSK	1	8	23.98	24.01	23.80							
3	QPSK	1	14	23.92	23.90	23.77							
3	QPSK	8	0	22.98	23.02	22.94							
3	QPSK	8	4	22.94	22.91	22.92	24.5	1					
3	QPSK	8	7	22.96	23.04	22.92							
3	QPSK	15	0	22.84	22.81	22.75							
3	16QAM	1	0	22.50	22.66	22.50							
3	16QAM	1	8	22.58	22.52	22.56	24.5	1					
3	16QAM	1	14	22.58	22.52	22.60							
3	16QAM	8	0	21.90	22.00	21.83							
3	16QAM	8	4	21.84	21.88	21.84	23.5	2					
3	16QAM	8	7	21.86	21.91	21.90							
3	16QAM	15	0	21.97	22.03	21.89							
3	64QAM	1	0	21.77	21.86	21.88							
3	64QAM	1	8	21.69	21.76	21.69	23.5	2					
3	64QAM	1	14	21.65	21.81	21.64							
3	64QAM	8	0	20.60	20.61	20.60							
3	64QAM	8	4	20.58	20.62	20.62							
3	64QAM	8	7	20.58	20.56	20.52	22.5	3					
3	64QAM	15	0	20.60	20.55	20.57							
Channel													
Frequency (MHz)				18607	18900	19193			Tune-up limit (dBm)	MPR (dB)			
1.4	QPSK	1	0	24.02	24.02	23.99	25.5	0					
1.4	QPSK	1	3	23.96	24.04	23.90							
1.4	QPSK	1	5	23.90	23.90	23.84							
1.4	QPSK	3	0	23.09	24.05	23.08							
1.4	QPSK	3	1	23.95	24.02	23.81	24.5	1					
1.4	QPSK	3	3	23.84	24.01	23.81							
1.4	QPSK	6	0	22.88	22.93	22.94							
1.4	16QAM	1	0	22.68	22.99	22.90							
1.4	16QAM	1	3	22.62	23.01	22.88	23.5	2					
1.4	16QAM	1	5	22.90	22.99	22.85							
1.4	16QAM	3	0	22.91	22.96	22.89							
1.4	16QAM	3	1	22.89	22.98	22.83							
1.4	16QAM	6	0	22.53	22.93	22.87	23.5	2					
1.4	16QAM	6	3	21.97	21.97	21.98							
1.4	64QAM	1	0	22.01	22.01	21.98							
1.4	64QAM	1	3	21.95	22.08	21.96							
1.4	64QAM	3	0	21.80	21.97	21.87	23.5	2					
1.4	64QAM	3	1	21.82	22.01	21.92							
1.4	64QAM	3	3	21.82	22.01	21.92							
1.4	64QAM	6	0	20.52	20.58	20.51							

Band 7 Ant1 Default										
BW (MHz)	Modulat ion	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)				2310	2335	2350				
20	QPSK	1	0	23.67	23.84	23.70	25	0		
20	QPSK	1	49	23.52	23.63	23.57				
20	QPSK	1	99	23.53	23.58	23.50				
20	QPSK	50	0	22.51	22.61	22.50	24	1		
20	QPSK	50	24	22.58	22.52	22.51				
20	QPSK	50	50	22.57	22.53	22.56				
20	QPSK	100	0	22.55	22.73	22.59	24	1		
20	16QAM	1	0	22.71	22.81	22.74				
20	16QAM	1	49	22.55	22.71	22.80				
20	16QAM	1	99	22.55	22.68	22.64	23	2		
20	16QAM	50	0	21.51	21.78	21.66				
20	16QAM	50	24	21.59	21.71	21.67				
20	16QAM	50	50	21.52	21.64	21.55	23	2		
20	16QAM	100	0	21.58	21.83	21.70				
20	16QAM	1	0	21.72	21.86	21.79				
20	16QAM	1	49	21.63	21.76	21.66	23	2		
20	16QAM	1	99	21.68	21.82	21.71				
20	16QAM	50	0	20.60	20.81	20.75				
20	16QAM	50	24	20.63	20.74	20.70	22	3		
20	16QAM	50	50	20.53	20.71	20.65				
20	16QAM	100	0	20.64	20.80	20.76				
Channel				20825	21100	21375	Turn- up limit	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.57	23.74	23.59	25	0		
15	QPSK	1	37	23.52	23.57	23.51				
15	QPSK	1	74	23.54	23.52	23.53				
15	QPSK	36	0	22.57	22.54	22.65	24	1		
15	QPSK	36	20	22.51	22.57	22.54				
15	QPSK	36	39	22.54	22.56	22.62				
15	QPSK	75	0	22.62	22.59	22.53	24	1		
15	16QAM	1	0	22.61	22.69	22.67				
15	16QAM	1	37	22.51	22.63	22.55				
15	16QAM	1	74	22.64	22.55	22.53	23	2		
15	16QAM	36	0	21.60	21.71	21.52				
15	16QAM	36	20	21.59	21.59	21.64				
15	16QAM	36	39	21.52	21.52	21.60	23	2		
15	16QAM	75	0	21.61	21.74	21.62				
15	16QAM	1	0	21.64	21.74	21.71				
15	16QAM	1	37	21.56	21.63	21.59	23	2		
15	16QAM	1	74	21.57	21.78	21.61				
15	16QAM	36	0	20.54	20.68	20.71				
15	16QAM	36	20	20.58	20.60	20.65	22	3		
15	16QAM	36	39	20.64	20.56	20.51				
15	16QAM	75	0	20.57	20.71	20.64				
Channel				20800	21100	21400	Turn- up limit	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.63	23.75	23.64	25	0		
10	QPSK	1	25	23.52	23.59	23.52				
10	QPSK	1	49	23.51	23.53	23.50				
10	QPSK	25	0	22.58	22.52	22.55	24	1		
10	QPSK	25	12	22.64	22.64	22.63				
10	QPSK	25	25	22.56	22.58	22.58				
10	QPSK	50	0	22.52	22.59	22.57	24	1		
10	16QAM	1	0	22.64	22.77	22.68				
10	16QAM	1	25	22.62	22.62	22.52				
10	16QAM	1	49	22.63	22.56	22.55	23	2		
10	16QAM	25	0	21.54	21.66	21.60				
10	16QAM	25	12	21.58	21.62	21.62				
10	16QAM	25	25	21.62	21.51	21.55	23	2		
10	16QAM	50	0	21.54	21.70	21.64				
10	16QAM	1	0	21.65	21.74	21.72				
10	16QAM	1	25	21.57	21.65	21.61	23	2		
10	16QAM	1	49	21.65	21.68	21.61				
10	16QAM	25	0	20.57	20.72	20.64				
10	16QAM	25	12	20.64	20.66	20.57	22	3		
10	16QAM	25	25	20.53	20.64	20.58				
10	16QAM	50	0	20.59	20.68	20.66				
Channel				20775	21100	21425	Turn- up limit	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.56	23.72	23.57	25	0		
5	QPSK	1	12	23.51	23.54	23.51				
5	QPSK	1	24	23.52	23.52	23.51				
5	QPSK	12	0	22.54	22.55	22.63	24	1		
5	QPSK	12	7	22.62	22.55	22.59				
5	QPSK	12	13	22.61	22.61	22.61				
5	QPSK	25	0	22.51	22.63	22.55	24	1		
5	16QAM	1	0	22.65	22.67	22.69				
5	16QAM	1	12	22.61	22.62	22.52				
5	16QAM	1	24	22.56	22.60	22.55	23	2		
5	16QAM	12	0	21.60	21.72	21.58				
5	16QAM	12	7	21.53	21.66	21.58				
5	16QAM	12	13	21.61	21.61	21.55	23	2		
5	16QAM	25	0	21.56	21.78	21.59				
5	16QAM	1	0	21.58	21.83	21.65				
5	16QAM	1	12	21.59	21.70	21.58	23	2		
5	16QAM	1	24	21.59	21.79	21.66				
5	16QAM	12	0	20.56	20.76	20.61				
5	16QAM	12	7	20.60	20.62	20.62	22	3		
5	16QAM	12	13	20.59	20.60	20.62				
5	16QAM	25	0	20.53	20.77	20.66				

Band 13 Ant1 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0	24.27	24.27	24.27	25.5	0	
10	QPSK	1	25	24.20	24.20	24.14			
10	QPSK	1	49	24.23	24.23	24.19			
10	QPSK	25	0	23.31	23.31	23.31	24.5	1	
10	QPSK	25	12	23.27	23.27	23.27			
10	QPSK	25	25	23.18	23.18	23.18			
10	QPSK	50	0	23.23	23.23	23.23	24.5	1	
10	16QAM	1	0	22.75	22.75	22.70			
10	16QAM	1	25	22.68	22.68	22.68			
10	16QAM	1	49	22.67	22.67	22.67	23.5	2	
10	16QAM	25	0	22.45	22.45	22.45			
10	16QAM	25	12	22.38	22.38	22.38			
10	16QAM	25	25	22.31	22.25	22.31	23.5	2	
10	16QAM	50	0	22.22	22.22	22.22			
10	16QAM	1	0	21.83	21.83	21.83			
10	16QAM	1	25	21.70	21.70	21.70	22.5	3	
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58			
10	16QAM	25	25	20.60	20.60	20.60	22.5	3	
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68	22.5	3	
10	16QAM	25	12	20.58	20.58	20.58			
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73			
10	16QAM	1	25	20.68	20.68	20.68	22.5	3	
10	16QAM	1	49	21.71	21.71	21.71			
10	16QAM	25	0	20.68	20.68	20.68			
10	16QAM	25	12	20.58	20.58	20.58	22.5	3	
10	16QAM	25	25	20.60	20.60	20.60			
10	16QAM	1	0	20.73	20.73	20.73</			

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			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.17	24.27	24.22	25	0	
20	QPSK	1	49	24.12	24.20	24.15			
20	QPSK	1	99	24.08	24.18	24.11			
20	QPSK	50	0	22.85	22.96	22.91	24	1	
20	QPSK	50	24	22.85	22.90	22.83			
20	QPSK	50	50	22.84	22.93	22.88			
20	QPSK	100	0	22.69	22.76	22.70	24	1	
20	16QAM	1	0	22.73	22.88	22.80			
20	16QAM	1	49	22.64	22.75	22.67			
20	16QAM	1	99	22.72	22.78	22.73	23	2	
20	16QAM	50	0	21.92	21.98	21.87			
20	16QAM	50	24	21.73	21.85	21.72			
20	16QAM	50	50	21.73	21.85	21.77	23	2	
20	16QAM	100	0	22.83	22.86	22.81			
20	64QAM	1	0	21.68	21.75	21.65			
20	64QAM	1	49	21.66	21.70	21.62	23	2	
20	64QAM	1	99	21.57	21.62	21.58			
20	64QAM	50	0	21.08	21.17	21.04			
20	64QAM	50	24	20.96	21.05	20.95	22	3	
20	64QAM	50	50	20.91	21.05	21.01			
20	64QAM	100	0	21.46	21.51	21.38			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.04	24.22	24.19	25	0	
15	QPSK	1	37	24.08	24.10	24.11			
15	QPSK	1	74	24.04	24.13	24.07			
15	QPSK	36	0	22.71	22.82	22.83	24	1	
15	QPSK	36	20	22.72	22.81	22.73			
15	QPSK	36	39	22.78	22.82	22.83			
15	QPSK	75	0	22.56	22.68	22.64	24	1	
15	16QAM	1	0	22.65	22.82	22.72			
15	16QAM	1	37	22.54	22.70	22.53			
15	16QAM	1	74	22.68	22.66	22.67	23	2	
15	16QAM	36	0	21.84	21.88	21.78			
15	16QAM	36	20	21.59	21.78	21.64			
15	16QAM	36	39	21.67	21.73	21.71	23	2	
15	16QAM	75	0	22.73	22.72	22.78			
15	64QAM	1	0	21.59	21.69	21.59			
15	64QAM	1	37	21.62	21.58	21.58	23	2	
15	64QAM	1	74	21.43	21.54	21.43			
15	64QAM	36	0	21.00	21.05	20.95			
15	64QAM	36	20	20.89	20.98	20.83	22	3	
15	64QAM	36	39	20.87	20.99	20.87			
15	64QAM	75	0	21.40	21.41	21.34			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.06	24.20	24.13	25	0	
10	QPSK	1	25	24.07	24.17	24.09			
10	QPSK	1	49	23.98	24.13	24.01			
10	QPSK	25	0	22.75	22.89	22.88	24	1	
10	QPSK	25	12	22.80	22.78	22.72			
10	QPSK	25	25	22.81	22.89	22.80			
10	QPSK	50	0	22.63	22.71	22.60	24	1	
10	16QAM	1	0	22.69	22.76	22.73			
10	16QAM	1	25	22.54	22.63	22.52			
10	16QAM	1	49	22.67	22.64	22.68	23	2	
10	16QAM	25	0	21.79	21.95	21.76			
10	16QAM	25	12	21.82	21.75	21.81			
10	16QAM	25	25	21.64	21.77	21.66	23	2	
10	16QAM	50	0	22.77	22.74	22.74			
10	64QAM	1	0	21.59	21.64	21.61			
10	64QAM	1	25	21.61	21.61	21.50	23	2	
10	64QAM	1	49	21.42	21.53	21.50			
10	64QAM	25	0	20.99	21.07	21.00			
10	64QAM	25	12	20.93	21.02	20.86	22	3	
10	64QAM	25	25	20.88	21.02	20.93			
10	64QAM	50	0	21.37	21.48	21.33			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	24.11	24.22	24.13	25	0	
5	QPSK	1	12	24.06	24.11	24.04			
5	QPSK	1	24	24.00	24.14	24.01			
5	QPSK	12	0	22.73	22.91	22.85	24	1	
5	QPSK	12	7	22.77	22.75	22.76			
5	QPSK	12	13	22.79	22.89	22.81			
5	QPSK	25	0	22.57	22.66	22.57	24	1	
5	16QAM	1	0	22.61	22.76	22.75			
5	16QAM	1	12	22.54	22.62	22.60			
5	16QAM	1	24	22.58	22.64	22.70	23	2	
5	16QAM	12	0	21.86	21.84	21.84			
5	16QAM	12	7	21.59	21.74	21.59			
5	16QAM	12	13	21.68	21.79	21.63	23	2	
5	16QAM	25	0	22.75	22.75	22.76			
5	64QAM	1	0	21.55	21.67	21.50			
5	64QAM	1	12	21.58	21.65	21.57	23	2	
5	64QAM	1	24	21.44	21.51	21.49			
5	64QAM	12	0	20.99	21.13	20.94			
5	64QAM	12	7	20.88	20.97	20.81	22	3	
5	64QAM	12	13	20.84	20.93	20.89			
5	64QAM	25	0	21.34	21.43	21.27			

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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.80	23.67	24.11	23.91	24.04	25	0	
20	QPSK	1	49	23.74	23.66	24.04	23.88	23.99			
20	QPSK	1	99	23.74	23.73	24.07	23.89	23.99			
20	QPSK	50	0	22.78	22.65	23.06	22.88	22.99	24	1	
20	QPSK	50	24	22.75	22.60	22.99	22.86	22.90			
20	QPSK	50	50	22.78	22.66	23.01	22.87	22.95			
20	QPSK	100	0	22.69	22.58	22.94	22.86	22.87	24	1	
20	16QAM	1	0	22.68	22.60	22.95	22.80	22.82			
20	16QAM	1	49	22.55	22.42	22.85	22.69	22.81			
20	16QAM	1	99	22.63	22.48	22.87	22.70	22.73	23	2	
20	16QAM	50	0	21.96	21.81	22.25	22.14	22.16			
20	16QAM	50	24	21.80	21.80	22.14	22.01	22.09			
20	16QAM	50	50	21.83	21.75	22.13	22.03	22.07	23	2	
20	16QAM	100	0	21.90	21.73	22.16	22.07	22.04			
20	64QAM	1	0	21.79	21.71	22.09	22.01	21.94			
20	64QAM	1	49	21.67	21.55	21.95	21.82	21.84	23	2	
20	64QAM	1	99	21.74	21.58	21.99	21.86	21.85			
20	64QAM	50	0	20.90	20.85	21.23	21.09	21.13			
20	64QAM	50	24	20.88	20.76	21.13	20.94	21.04	22	3	
20	64QAM	50	50	20.87	20.72	21.16	21.05	21.07			
20	64QAM	100	0	20.94	20.82	21.18	21.00	21.10			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.6	2692.5			
15	QPSK	1	0	23.70	23.54	24.00	23.84	23.92	25	0	
15	QPSK	1	37	23.61	23.59	23.96	23.75	23.89			
15	QPSK	1	74	23.66	23.69	23.94	23.75	23.85			
15	QPSK	36	0	22.66	22.57	22.93	22.75	22.85	24	1	
15	QPSK	36	20	22.61	22.56	22.88	22.79	22.81			
15	QPSK	36	39	22.71	22.51	22.91	22.73	22.89			
15	QPSK	75	0	22.61	22.50	22.88	22.72	22.78	24	1	
15	16QAM	1	0	22.58	22.47	22.80	22.74	22.72			
15	16QAM	1	37	22.51	22.32	22.71	22.62	22.69			
15	16QAM	1	74	22.48	22.42	22.79	22.60	22.59	23	2	
15	16QAM	36	0	21.85	21.69	22.11	22.07	22.03			
15	16QAM	36	20	21.74	21.69	22.02	21.90	21.98			
15	16QAM	36	39	21.73	21.71	22.05	21.91	22.04	23	2	
15	16QAM	75	0	21.79	21.60	22.04	21.95	21.99			
15	64QAM	1	0	21.70	21.67	21.98	21.96	21.82			
15	64QAM	1	37	21.63	21.47	21.88	21.75	21.77	23	2	
15	64QAM	1	74	21.61	21.52	21.90	21.81	21.80			
15	64QAM	36	0	20.82	20.71	21.11	20.97	21.03			
15	64QAM	36	20	20.77	20.72	21.10	20.79	20.86	22	3	
15	64QAM	36	39	20.79	20.60	21.10	21.01	20.97			
15	64QAM	75	0	20.80	20.75	21.13	20.94	21.03			
Channel				39700	40180	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.75	23.56	23.98	23.82	23.96	25	0	
10	QPSK	1	25	23.69	23.62	23.95	23.77	23.90			
10	QPSK	1	49	23.71	23.60	23.96	23.77	23.85			
10	QPSK	25	0	22.66	22.54	23.03	22.80	22.84	24	1	
10	QPSK	25	12	22.71	22.55	22.92	22.72	22.87			
10	QPSK	25	25	22.71	22.56	22.87	22.72	22.91			
10	QPSK	50	0	22.58	22.53	22.84	22.79	22.76	24	1	
10	16QAM	1	0	22.58	22.54	22.89	22.66	22.70			
10	16QAM	1	25	22.49	22.30	22.72	22.63	22.69			
10	16QAM	1	49	22.49	22.35	22.74	22.59	22.58	23	2	
10	16QAM	25	0	21.81	21.67	22.12	22.07	22.03			
10	16QAM	25	12	21.74	21.72	22.09	21.91	22.06			
10	16QAM	25	25	21.76	21.69	22.00	21.95	22.01	23	2	
10	16QAM	50	0	21.78	21.68	22.04	21.99	21.92			
10	64QAM	1	0	21.70	21.68	22.02	21.90	21.80			
10	64QAM	1	25	21.57	21.43	21.83	21.73	21.75	23	2	
10	64QAM	1	49	21.64	21.52	21.86	21.78	21.71			
10	64QAM	25	0	20.86	20.79	21.11	20.96	21.10			
10	64QAM	25	12	20.76	20.64	21.00	20.87	20.99	22	3	
10	64QAM	25	25	20.78	20.58	21.03	20.92	21.00			
10	64QAM	50	0	20.84	20.72	21.15	20.98	21.04			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.74	23.63	24.01	23.86	23.99	25	0	
5	QPSK	1	12	23.71	23.56	23.97	23.82	23.85			
5	QPSK	1	24	23.71	23.59	24.01	23.82	23.82			
5	QPSK	12	0	22.75	22.54	23.03	22.81	22.88	24	1	
5	QPSK	12	7	22.63	22.56	22.88	22.74	22.84			
5	QPSK	12	13	22.75	22.52	22.87	22.78	22.92			
5	QPSK	25	0	22.58	22.49	22.90	22.79	22.74	24	1	
5	16QAM	1	0	22.61	22.52	22.84	22.66	22.76			
5	16QAM	1	12	22.47	22.38	22.79	22.60	22.67			
5	16QAM	1	24	22.58	22.41	22.73	22.66	22.65	23	2	
5	16QAM	12	0	21.87	21.76	22.19	22.10	22.08			
5	16QAM	12	7	21.68	21.65	22.06	21.91	21.99			
5	16QAM	12	13	21.78	21.67	22.09	21.98	21.94	23	2	
5	16QAM	25	0	21.80	21.63	22.07	21.99	21.98			
5	64QAM	1	0	21.68	21.66	21.98	21.90	21.86			
5	64QAM	1	12	21.54	21.49	21.81	21.76	21.72	23	2	
5	64QAM	1	24	21.61	21.52	21.91	21.73	21.70			
5	64QAM	12	0	20.83	20.77	21.10	20.98	21.05			
5	64QAM	12	7	20.84	20.63	20.99	20.79	20.92	22	3	
5	64QAM	12	13	20.83	20.66	21.12	20.94	20.99			
5	64QAM	25	0	20.90	20.70	21.05	20.97	21.03			

GSM850 Ant4 Default						
GSM850		Burst Average Power (dBm)			Frame Average Power (dBm)	
TX Channel		128	189	251	128	189
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot		32.07	32.10	32.01	33.50	23.07
GPRS 1 Tx slot		32.13	32.11	32.04	33.50	23.13
GPRS 2 Tx slots		30.66	30.61	30.53	31.50	24.66
GPRS 3 Tx slots		28.86	28.83	28.71	29.50	24.62
GPRS 4 Tx slots		28.94	28.87	28.72	27.00	23.94
EDGE 1 Tx slot		26.46	26.58	26.50	28.00	17.46
EDGE 2 Tx slots		23.18	23.30	23.20	25.00	17.18
EDGE 3 Tx slots		21.23	21.36	21.21	23.20	16.97
EDGE 4 Tx slots		20.59	20.74	20.61	22.00	17.59

GSM1900 Ant4 Default						
GSM1900		Burst Average Power (dBm)			Frame Average Power (dBm)	
TX Channel		512	661	810	512	661
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot		28.50	28.51	28.50	30.50	19.50
GPRS 1 Tx slot		28.51	28.52	28.53	30.50	19.51
GPRS 2 Tx slots		26.57	26.76	27.02	28.50	20.57
GPRS 3 Tx slots		24.66	24.75	25.06	26.50	20.40
GPRS 4 Tx slots		22.59	22.70	23.09	24.50	19.59
EDGE 1 Tx slot		25.01	25.01	25.32	27.00	16.01
EDGE 2 Tx slots		22.01	22.07	22.40	24.00	16.01
EDGE 3 Tx slots		20.21	20.20	20.55	22.20	15.95
EDGE 4 Tx slots		19.02	19.00	19.35	21.00	16.02

		WCDMA II Ant4 Default			WCDMA IV Ant4 Default			WCDMA V Ant4 Default		
Band		WCDMA II			WCDMA IV			WCDMA V		
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	1860	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
3GPP Rel 99		23.10	23.14	23.13	25.00	23.13	23.21	23.15	23.15	23.34
3GPP Rel 99		23.11	23.17	23.07	25.00	23.17	23.25	23.31	23.42	23.41
3GPP Rel 6		22.37	22.28	22.18	24.00	22.14	22.36	22.27	24.00	22.32
3GPP Rel 6		22.30	22.12	22.12	24.00	22.19	22.27	22.21	24.00	22.24
3GPP Rel 6		21.84	21.70	21.73	23.50	21.72	21.84	21.85	23.50	21.86
3GPP Rel 6		21.68	21.63	21.55	23.50	21.63	21.77	21.76	23.50	21.67
3GPP Rel 6		22.27	22.20	22.24	24.00	22.22	22.25	22.31	24.00	22.34
3GPP Rel 6		22.19	22.16	22.18	24.00	22.10	22.23	22.25	24.00	22.29
3GPP Rel 8		21.85	21.68	21.64	23.50	21.55	21.74	21.73	23.50	21.74
3GPP Rel 8		21.65	21.58	21.54	23.50	21.62	21.60	21.60	23.50	21.59
3GPP Rel 6		22.22	22.05	22.07	24.00	22.07	22.17	22.21	24.00	22.14
3GPP Rel 6		20.29	20.22	20.25	22.00	20.16	20.28	20.32	22.00	20.34
3GPP Rel 6		21.33	21.23	21.27	23.00	21.20	21.41	21.40	23.00	21.39
3GPP Rel 6		20.29	20.14	20.19	22.00	20.14	20.29	20.29	22.00	20.22
3GPP Rel 6		22.22	22.13	22.10	24.00	22.07	22.24	22.25	24.00	22.28
3GPP Rel 7		19.83	19.70	19.62	21.50	19.72	19.81	19.79	21.50	19.77

Band 2 Ant4 Default														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit	MPR (dB)						
Channel 18700 18900 19100														
Frequency (MHz)														
20	QPSK	1	0	23.67	23.74	23.65			25	0				
20	QPSK	1	49	23.71	23.74	23.65								
20	QPSK	1	99	23.62	23.70	23.55								
20	QPSK	50	0	22.59	22.64	22.54								
20	QPSK	50	24	22.56	22.51	22.52								
20	QPSK	50	50	22.56	22.54	22.58			24	1				
20	QPSK	100	0	22.73	22.77	22.73								
20	16QAM	1	0	22.58	22.54	22.55								
20	16QAM	1	49	22.60	22.52	22.61								
20	16QAM	1	99	22.61	22.52	22.61								
20	16QAM	50	0	21.75	21.84	21.70			23	2				
20	16QAM	50	24	21.66	21.76	21.62								
20	16QAM	50	50	21.66	21.73	21.59								
20	16QAM	100	0	21.82	21.88	21.81								
20	64QAM	1	0	21.53	21.67	21.53								
20	64QAM	1	49	21.61	21.59	21.52			23	2				
20	64QAM	1	99	21.53	21.58	21.61								
20	64QAM	50	0	20.54	20.57	20.54								
20	64QAM	50	24	20.57	20.53	20.64								
20	64QAM	50	50	20.55	20.59	20.52								
20	64QAM	100	0	20.52	20.55	20.58			22	3				
Channel 18675 18900 19025														
Frequency (MHz)														
15	QPSK	1	0	23.56	23.62	23.59			25	0				
15	QPSK	1	37	23.59	23.71	23.54								
15	QPSK	1	74	23.50	23.56	23.51								
15	QPSK	36	0	22.51	22.50	22.50								
15	QPSK	36	20	22.53	22.54	22.56								
15	QPSK	36	39	22.51	22.56	22.50			24	1				
15	QPSK	75	0	22.67	22.72	22.69								
15	16QAM	1	0	22.55	22.54	22.55								
15	16QAM	1	37	22.52	22.54	22.53								
15	16QAM	1	74	22.54	22.54	22.53								
15	16QAM	36	0	21.64	21.73	21.65			23	2				
15	16QAM	36	20	21.52	21.67	21.58								
15	16QAM	36	39	21.56	21.60	21.55								
15	16QAM	75	0	21.66	21.75	21.74								
15	64QAM	1	0	21.55	21.63	21.53								
15	64QAM	1	37	21.52	21.59	21.59			23	2				
15	64QAM	1	74	21.62	21.57	21.54								
15	64QAM	36	0	20.52	20.55	20.53								
15	64QAM	36	20	20.53	20.57	20.56								
15	64QAM	36	39	20.51	20.62	20.61								
15	64QAM	75	0	20.56	20.56	20.51			22	3				
Channel 18650 18900 19150														
Frequency (MHz)														
10	QPSK	1	0	23.60	23.67	23.54			25	0				
10	QPSK	1	25	23.64	23.69	23.52								
10	QPSK	1	49	23.60	23.64	23.55								
10	QPSK	25	0	22.51	22.54	22.54								
10	QPSK	25	12	22.54	22.54	22.56								
10	QPSK	25	25	22.55	22.52	22.51			24	1				
10	QPSK	50	0	22.63	22.64	22.62								
10	16QAM	1	0	22.54	23.56	22.51								
10	16QAM	1	25	22.57	23.61	23.58								
10	16QAM	1	49	22.57	23.55	22.51								
10	16QAM	25	0	21.62	21.76	21.58			23	2				
10	16QAM	25	12	21.56	21.68	21.61								
10	16QAM	25	25	21.56	21.62	21.51								
10	16QAM	50	0	21.76	21.78	21.67								
10	64QAM	1	0	21.59	21.57	21.58								
10	64QAM	1	25	21.52	21.57	21.57			23	2				
10	64QAM	1	49	21.57	21.50	21.58								
10	64QAM	25	0	20.52	20.60	20.58								
10	64QAM	25	12	20.59	20.52	20.54								
10	64QAM	25	25	20.59	20.56	20.59								
10	64QAM	50	0	20.58	20.59	20.65			22	3				
Channel 1862.5 1890 1917.5														
Frequency (MHz)														
5	QPSK	1	0	23.57	23.67	23.52			25	0				
5	QPSK	1	12	23.57	23.64	23.51								
5	QPSK	1	24	23.54	23.57	23.55								
5	QPSK	12	0	23.61	22.52	23.59								
5	QPSK	12	7	23.56	23.63	23.61								
5	QPSK	12	13	23.58	23.59	23.58			24	1				
5	QPSK	25	0	22.60	22.72	22.66								
5	16QAM	1	0	23.59	23.57	23.54								
5	16QAM	1	12	22.57	23.66	23.64								
5	16QAM	1	24	22.54	23.57	22.57								
5	16QAM	12	0	21.63	21.77	21.59			23	2				
5	16QAM	12	7	21.58	21.67	21.57								
5	16QAM	12	13	21.59	21.61	21.59								
5	16QAM	25	0	21.69	21.74	21.71								
5	64QAM	1	0	21.56	21.54	21.59								
5	64QAM	1	12	21.57	21.53	21.54			23	2				
5	64QAM	1	24	21.57	21.53	21.55								
5	64QAM	12	0	20.52	20.65	20.65								
5	64QAM	12	7	20.54	20.59	20.56								
5	64QAM	12	13	20.52	20.63	20.52								
5	64QAM	25	0	20.52	20.64	20.65			22	3				
Channel 1861.5 1890 1916.5														
Frequency (MHz)														
3	QPSK	1	0	23.56	23.72	23.56			25	0				
3	QPSK	1	8	23.65	23.60	23.51								
3	QPSK	1	14	23.60	23.58	23.51								
3	QPSK	8	0	23.64	22.54	23.59								
3	QPSK	8	4	22.53	23.67	23.63								
3	QPSK	8	7	23.57	23.57	23.61			24	1				
3	QPSK	15	0	22.58	22.73	22.60								
3	16QAM	1	0	22.53	22.50	23.55								
3	16QAM	1	8	22.52	23.58	23.60								
3	16QAM	1	14	22.54	23.61	22.57								
3	16QAM	8	0	21.64	21.76	21.59			23	2				
3	16QAM	8	4	21.57	21.64	21.54								
3	16QAM	8	7	21.60	21.60	21.61								
3	16QAM	15	0	21.70	21.83	21.66								
3	64QAM	1	0	21.60	21.54	21.54								
3	64QAM	1	8	21.51	21.58	21.57			23	2				
3	64QAM	1	14	21.52	21.55	21.51								
3	64QAM	8	0	20.55	20.63	20.57								
3	64QAM	8	4	20.59	20.55	20.60								
3	64QAM	8	7	20.57	20.63	20.52								
3	64QAM	15	0	20.58	20.64	20.67			22	3				
Channel 18607 18900 19193														
Frequency (MHz)														
1.4	QPSK	1	0	23.53	23.73	23.69			25	0				
1.4	QPSK	1	3	23.58	23.53	23.63								
1.4	QPSK	1	6	23.59	23.53	23.53								
1.4	QPSK	3	0	23.58	23.62	23.61								
1.4	QPSK	3	1	23.61	23.56	23.56								
1.4	QPSK	3	3	23.57	23.62	23.60			24	1				
1.4	QPSK	6	0	22.68	22.63	22.59								
1.4	16QAM	1	0	22.64	22.69	22.69								
1.4	16QAM	1	3	22.69	22.62	22.66								
1.4	16QAM	1	5	22.56	22.61	22.52								
1.4	16QAM	3	0	22.69	22.78	22.72			24	1				
1.4	16QAM	3	1	22.62	22.75	22.68								
1.4	16QAM	6	0	21.82	21.91	21.84						23	2	
1.4	16QAM	3	0	21.80	21.91	21.84								
1.4	16QAM	1	3	21.85	21.74	21.81								
1.4	16QAM	1	5	21.85	21.80	21.79								
1.4	64QAM	3	0	21.89	21.82	21.77								
1.4	64QAM	3	1	21.84	21.85	21.83			23	2				
1.4	64QAM	3	1	21.81	21.81	21.81								
1.4	64QAM	6	0	20.92	20.97	20.95								
1.4	64QAM	3	0	20.92	20.97	20.93								
1.4	64QAM	6	0	20.92	20.97	20.93								

Band 7 Ant4 Default											
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)			
Channel				20850	21000	21350					
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	23.57	23.73	23.74	24.5	0			
20	QPSK	1	49	23.59	23.73	23.61					
20	QPSK	1	99	23.59	23.65	23.58					
20	QPSK	50	0	22.63	22.72	22.62					
20	QPSK	50	24	22.59	22.67	22.62	23.5	1			
20	QPSK	50	50	22.57	22.60	22.58					
20	QPSK	100	0	22.63	22.71	22.57					
20	16QAM	1	0	22.81	22.71	23.00					
20	16QAM	1	49	22.56	22.65	22.96	23.5	1			
20	16QAM	1	99	22.59	22.65	22.86					
20	16QAM	50	0	21.64	21.70	21.75					
20	16QAM	50	24	22.13	22.27	21.70					
20	16QAM	50	50	21.63	21.63	21.60	22.5	2			
20	16QAM	100	0	21.60	21.63	21.70					
20	64QAM	1	0	21.64	21.75	21.78					
20	64QAM	1	49	21.58	21.66	21.72					
20	64QAM	1	99	21.53	21.59	21.68	22.5	2			
20	64QAM	50	0	20.52	20.63	20.82					
20	64QAM	50	24	20.54	20.52	20.77					
20	64QAM	50	50	20.52	20.59	20.74					
20	64QAM	100	0	20.56	20.61	20.60	21.5	3			
Channel				20825	21000	21375					
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	23.52	23.66	23.62	24.5	0			
15	QPSK	1	37	23.60	23.67	23.54					
15	QPSK	1	74	23.58	23.59	23.67					
15	QPSK	36	0	22.53	22.59	22.52					
15	QPSK	36	20	22.57	22.59	22.51	23.5	1			
15	QPSK	36	39	22.55	22.60	22.56					
15	QPSK	75	0	22.54	22.62	22.53					
15	16QAM	1	0	22.54	22.61	22.67					
15	16QAM	1	37	22.56	22.62	22.83	23.5	1			
15	16QAM	1	74	22.56	22.58	22.75					
15	16QAM	36	0	21.53	21.57	21.67					
15	16QAM	36	20	22.46	22.16	21.82					
15	16QAM	36	39	21.57	21.56	21.53	22.5	2			
15	16QAM	75	0	21.50	21.56	21.57					
15	64QAM	1	0	21.53	21.72	21.85					
15	64QAM	1	37	21.52	21.52	21.57					
15	64QAM	1	74	21.63	21.58	21.59	22.5	2			
15	64QAM	36	0	20.61	20.58	20.68					
15	64QAM	36	20	20.56	20.57	20.73					
15	64QAM	36	39	20.56	20.57	20.67					
15	64QAM	75	0	20.61	20.50	20.64	20.5				
Channel				20800	21100	21400					
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	0	23.52	23.66	23.69	24.5	0			
10	QPSK	1	25	23.62	23.67	23.52					
10	QPSK	1	49	23.51	23.56	23.51					
10	QPSK	25	0	22.59	22.57	22.57					
10	QPSK	25	12	22.53	22.55	22.55	23.5	1			
10	QPSK	25	25	22.53	22.51	22.54					
10	QPSK	50	0	22.51	22.66	22.52					
10	16QAM	1	0	22.55	22.65	22.92					
10	16QAM	1	25	22.55	22.80	22.91	23.5	1			
10	16QAM	1	49	22.54	22.60	22.76					
10	16QAM	25	0	21.50	21.64	21.60					
10	16QAM	25	12	22.38	22.19	21.56					
10	16QAM	25	25	21.61	21.50	21.52	22.5	2			
10	16QAM	50	0	21.55	21.59	21.62					
10	64QAM	1	0	21.51	21.72	21.83					
10	64QAM	1	25	21.53	21.55	21.63					
10	64QAM	1	49	21.60	21.56	21.60	22.5	2			
10	64QAM	25	0	20.54	20.58	20.69					
10	64QAM	25	12	20.58	20.63	20.71					
10	64QAM	25	25	20.55	20.50	20.71					
10	64QAM	50	0	20.64	20.59	20.50	21.5	3			
Channel				20775	21100	21425					
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	0	23.60	23.64	23.61	24.5	0			
5	QPSK	1	12	23.56	23.63	23.53					
5	QPSK	1	24	23.56	23.53	23.59					
5	QPSK	12	0	22.57	22.57	22.56					
5	QPSK	12	7	22.56	22.56	22.52	23.5	1			
5	QPSK	12	13	22.56	22.56	22.57					
5	QPSK	25	0	22.59	22.64	22.62					
5	16QAM	1	0	22.55	22.59	22.91					
5	16QAM	1	12	22.52	22.54	22.85	23.5	1			
5	16QAM	1	24	22.55	22.56	22.77					
5	16QAM	12	0	21.61	21.62	21.67					
5	16QAM	12	7	22.47	22.16	21.58					
5	16QAM	12	13	21.61	21.57	21.52	22.5	2			
5	16QAM	25	0	21.52	21.53	21.59					
5	64QAM	1	0	21.52	21.71	21.67					
5	64QAM	1	12	21.60	21.54	21.62					
5	64QAM	1	24	21.59	21.54	21.61	22.5	2			
5	64QAM	12	0	20.59	20.50	20.78					
5	64QAM	12	7	20.55	20.58	20.69					
5	64QAM	12	13	20.64	20.55	20.64					
5	64QAM	25	0	20.52	20.57	20.50	21.5	3			
Channel				20775	21100	21425					
Frequency (MHz)				2502.5	2535	2567.5					

Band 13 Ant4 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0	24.13	24.13	24.13	25	0	
10	QPSK	1	25	24.05	24.05	24.05			
10	QPSK	1	49	24.05	23.92	23.92			
10	QPSK	25	0	23.12	22.70	22.70			
10	QPSK	25	12	22.75	22.75	22.75	24	1	
10	QPSK	25	25	22.67	22.67	22.67			
10	QPSK	50	0	23.07	23.07	23.07	24	1	
10	QPSK	1	0	22.87	22.87	22.87			
10	QPSK	1	25	22.57	22.57	22.57			
10	16QAM	1	49	22.57	22.57	22.57			
10	16QAM	25	0	22.78	22.78	22.78	23	2	
10	16QAM	25	12	22.66	22.66	22.66			
10	16QAM	25	25	22.68	22.68	22.68			
10	16QAM	50	0	21.73	21.73	21.73			
10	8QAM	1	0	21.87	21.87	21.87	23	2	
10	8QAM	1	25	21.59	21.59	21.59			
10	8QAM	1	49	21.84	21.84	21.84			
10	8QAM	25	0	20.63	20.63	20.63			
10	8QAM	25	12	20.56	20.56	20.56	22	3	
10	8QAM	25	25	20.53	20.53	20.53			
10	8QAM	50	0	20.59	20.59	20.59			
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.08	23.99	24.03	25	0	
5	QPSK	1	12	24.01	24.00	24.04			
5	QPSK	1	24	23.96	23.99	23.98			
5	QPSK	12	0	23.01	23.07	23.03			
5	QPSK	12	7	22.62	22.59	22.62	24	1	
5	QPSK	12	13	22.64	22.57	22.72			
5	QPSK	25	0	22.88	22.98	22.75			
5	16QAM	1	0	22.52	22.62	22.58			
5	16QAM	1	12	22.52	22.52	22.57	24	1	
5	16QAM	1	24	22.60	22.57	22.58			
5	16QAM	12	0	22.66	22.65	22.66	23	2	
5	16QAM	12	7	22.59	22.53	22.64			
5	16QAM	12	13	22.55	22.53	22.64			
5	16QAM	25	0	21.65	21.60	21.64			
5	8QAM	1	0	21.61	21.64	21.61	23	2	
5	8QAM	1	12	21.52	21.56	21.51			
5	8QAM	1	24	21.53	21.55	21.59			
5	8QAM	12	0	20.57	20.50	20.57			
5	8QAM	12	7	20.56	20.50	20.52	22	3	
5	8QAM	12	13	20.54	20.56	20.51			
5	8QAM	25	0	20.54	20.51	20.59			

Band 38 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.72	23.78	23.57	24.5	0	
20	QPSK	1	49	23.72	23.74	23.56			
20	QPSK	1	99	23.67	23.77	23.58			
20	QPSK	50	0	22.14	22.35	22.02	23.5	1	
20	QPSK	50	24	22.04	22.14	22.08			
20	QPSK	50	50	22.01	22.12	22.01			
20	QPSK	100	0	22.12	22.34	22.03	23.5	1	
20	16QAM	1	0	22.09	22.14	22.06			
20	16QAM	1	49	22.04	22.06	22.06			
20	16QAM	1	99	22.02	22.12	22.04	22.5	2	
20	16QAM	50	0	21.22	21.28	21.11			
20	16QAM	50	24	21.14	21.23	21.06			
20	16QAM	50	50	21.20	21.27	21.04	22.5	2	
20	16QAM	100	0	21.21	21.25	21.02			
20	64QAM	1	0	21.12	21.17	21.03			
20	64QAM	1	49	21.05	21.06	21.15	22.5	2	
20	64QAM	1	99	21.11	21.16	21.02			
20	64QAM	50	0	20.27	20.38	20.18			
20	64QAM	50	24	20.37	20.37	20.14	21.5	3	
20	64QAM	50	50	20.22	20.28	20.08			
20	64QAM	100	0	20.13	20.25	20.04			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.66	23.64	23.50	24.5	0	
15	QPSK	1	37	23.61	23.67	23.50			
15	QPSK	1	74	23.58	23.69	23.50			
15	QPSK	36	0	22.06	22.08	22.06	23.5	1	
15	QPSK	36	20	22.08	22.02	22.05			
15	QPSK	36	39	22.04	22.06	22.09			
15	QPSK	75	0	22.10	22.10	22.06	23.5	1	
15	16QAM	1	0	22.01	22.11	22.00			
15	16QAM	1	37	22.07	22.00	22.08			
15	16QAM	1	74	22.08	22.05	22.10	22.5	2	
15	16QAM	36	0	21.16	21.20	21.05			
15	16QAM	36	20	21.09	21.19	21.23			
15	16QAM	36	39	21.17	21.23	21.23	22.5	2	
15	16QAM	75	0	21.17	21.19	21.23			
15	64QAM	1	0	21.02	21.14	21.23			
15	64QAM	1	37	21.23	21.23	21.02	22.5	2	
15	64QAM	1	74	21.00	21.01	21.23			
15	64QAM	36	0	20.22	20.28	20.11			
15	64QAM	36	20	20.26	20.24	20.05	21.5	3	
15	64QAM	36	39	20.17	20.14	20.28			
15	64QAM	75	0	20.05	20.10	20.28			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.57	23.66	23.50	24.5	0	
10	QPSK	1	25	23.66	23.60	23.51			
10	QPSK	1	49	23.53	23.72	23.51			
10	QPSK	25	0	22.04	22.08	22.08	23.5	1	
10	QPSK	25	12	22.04	22.02	22.04			
10	QPSK	25	25	22.04	22.06	22.11			
10	QPSK	50	0	22.03	22.03	22.11	23.5	1	
10	16QAM	1	0	22.02	22.02	22.04			
10	16QAM	1	25	22.04	22.09	22.02			
10	16QAM	1	49	22.10	22.00	22.00	22.5	2	
10	16QAM	25	0	21.14	21.25	21.03			
10	16QAM	25	12	21.00	21.12	21.02			
10	16QAM	25	25	21.08	21.16	21.23	22.5	2	
10	16QAM	50	0	21.17	21.14	21.23			
10	64QAM	1	0	21.07	21.11	21.23			
10	64QAM	1	25	21.23	21.23	21.02	22.5	2	
10	64QAM	1	49	21.23	21.10	21.23			
10	64QAM	25	0	20.14	20.27	20.11			
10	64QAM	25	12	20.27	20.26	20.28	21.5	3	
10	64QAM	25	25	20.09	20.23	20.04			
10	64QAM	50	0	20.02	20.11	20.28			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	23.62	23.65	23.48	24.5	0	
5	QPSK	1	12	23.66	23.63	23.46			
5	QPSK	1	24	23.59	23.72	23.51			
5	QPSK	12	0	22.05	22.01	22.02	23.5	1	
5	QPSK	12	7	22.04	22.07	22.02			
5	QPSK	12	13	22.04	22.09	22.08			
5	QPSK	25	0	22.00	22.01	22.00	23.5	1	
5	16QAM	1	0	22.03	22.00	22.02			
5	16QAM	1	12	22.10	22.01	22.01			
5	16QAM	1	24	22.05	22.07	22.11	22.5	2	
5	16QAM	12	0	21.13	21.20	21.00			
5	16QAM	12	7	21.08	21.16	21.00			
5	16QAM	12	13	21.16	21.21	21.23	22.5	2	
5	16QAM	25	0	21.16	21.10	21.23			
5	64QAM	1	0	21.23	21.10	21.23			
5	64QAM	1	12	21.02	21.23	21.06	22.5	2	
5	64QAM	1	24	21.02	21.08	21.23			
5	64QAM	12	0	20.21	20.26	20.10			
5	64QAM	12	7	20.33	20.27	20.10	21.5	3	
5	64QAM	12	13	20.14	20.23	20.28			
5	64QAM	25	0	20.07	20.21	20.28			

Band 41 Ant4 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.45	23.71	23.75	23.53	23.51	24.5	0	
20	QPSK	1	49	23.48	23.60	23.65	23.52	23.49			
20	QPSK	1	99	23.50	23.57	23.69	23.50	23.51			
20	QPSK	50	0	22.08	22.08	22.17	22.02	22.05	23.5	1	
20	QPSK	50	24	22.11	22.03	22.02	22.01	22.07			
20	QPSK	50	50	22.10	22.02	22.04	22.04	22.01			
20	QPSK	100	0	22.08	22.02	22.10	22.01	22.01	23.5	1	
20	16QAM	1	0	22.12	22.01	22.14	22.05	22.00			
20	16QAM	1	49	22.13	22.03	22.02	22.07	22.04			
20	16QAM	1	99	22.07	22.07	22.07	22.07	22.05	22.5	2	
20	16QAM	50	0	21.09	21.28	21.32	21.15	21.11			
20	16QAM	50	24	21.03	21.20	21.25	21.03	21.06			
20	16QAM	50	50	21.01	21.05	21.19	21.15	21.01	22.5	2	
20	16QAM	100	0	21.09	21.18	21.23	21.16	21.06			
20	64QAM	1	0	21.01	21.13	21.17	21.18	21.03			
20	64QAM	1	49	21.19	21.03	21.07	21.18	21.21	22.5	2	
20	64QAM	1	99	21.19	21.03	21.10	21.10	21.10			
20	64QAM	50	0	20.13	20.25	20.32	20.14	20.11			
20	64QAM	50	24	20.05	20.16	20.22	20.00	20.01	21.5	3	
20	64QAM	50	50	20.01	20.20	20.23	20.07	20.09			
20	64QAM	100	0	20.12	20.22	20.27	20.05	20.13			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.6	2682.5			
15	QPSK	1	0	23.36	23.70	23.64	23.43	23.39	25	0	
15	QPSK	1	37	23.38	23.51	23.63	23.49	23.38			
15	QPSK	1	74	23.47	23.51	23.59	23.49	23.44			
15	QPSK	36	0	22.01	22.02	22.12	22.11	22.02	23.5	1	
15	QPSK	36	20	22.09	22.17	22.10	22.17	22.00			
15	QPSK	36	39	22.07	22.06	22.08	22.14	22.17			
15	QPSK	75	0	22.04	22.12	22.06	22.06	22.11	23.5	1	
15	16QAM	1	0	22.08	22.00	22.06	22.09	22.14			
15	16QAM	1	37	22.09	22.02	22.16	22.12	22.09			
15	16QAM	1	74	22.13	22.02	22.00	22.00	22.03	22.5	2	
15	16QAM	36	0	21.06	21.19	21.24	21.13	21.07			
15	16QAM	36	20	21.14	21.17	21.21	21.06	21.03			
15	16QAM	36	39	21.06	21.01	21.18	21.05	21.07	22.5	2	
15	16QAM	75	0	21.07	21.12	21.20	21.13	21.15			
15	64QAM	1	0	21.03	21.10	21.11	21.17	21.12			
15	64QAM	1	37	21.08	21.02	21.00	21.09	21.11	22.5	2	
15	64QAM	1	74	21.11	21.01	21.01	21.12	21.00			
15	64QAM	36	0	20.09	20.23	20.22	20.10	20.06			
15	64QAM	36	20	20.05	20.14	20.15	20.14	20.22	21.5	3	
15	64QAM	36	39	20.22	20.17	20.20	20.04	20.03			
15	64QAM	75	0	20.00	20.20	20.25	20.23	20.03			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.38	23.60	23.68	23.47	23.45	25	0	
10	QPSK	1	25	23.42	23.49	23.62	23.48	23.47			
10	QPSK	1	49	23.46	23.54	23.66	23.41	23.41			
10	QPSK	25	0	22.05	22.14	22.11	22.10	22.02	23.5	1	
10	QPSK	25	12	22.07	22.01	22.14	22.05	22.06			
10	QPSK	25	25	22.04	22.13	22.02	22.07	22.16			
10	QPSK	50	0	22.03	22.10	22.02	22.07	22.13	23.5	1	
10	16QAM	1	0	22.04	22.09	22.11	22.06	22.06			
10	16QAM	1	25	22.05	22.08	22.09	22.02	22.03			
10	16QAM	1	49	22.08	22.06	22.16	22.02	22.15	22.5	2	
10	16QAM	25	0	21.01	21.17	21.23	21.12	21.03			
10	16QAM	25	12	21.04	21.12	21.24	21.08	21.02			
10	16QAM	25	25	21.12	21.05	21.08	21.08	21.24	22.5	2	
10	16QAM	50	0	21.01	21.16	21.18	21.10	21.29			
10	64QAM	1	0	21.24	21.13	21.05	21.10	21.26			
10	64QAM	1	25	21.12	21.26	21.23	21.07	21.10	22.5	2	
10	64QAM	1	49	21.16	21.31	21.04	21.28	21.04			
10	64QAM	25	0	20.12	20.22	20.23	20.09	20.09			
10	64QAM	25	12	20.18	20.19	20.19	20.19	20.13	21.5	3	
10	64QAM	25	25	20.15	20.12	20.18	20.01	20.15			
10	64QAM	50	0	20.06	20.22	20.18	20.15	20.02			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2543.8	2593	2643.9	2697.5			
5	QPSK	1	0	23.36	23.68	23.74	23.45	23.45	25	0	
5	QPSK	1	12	23.41	23.56	23.58	23.46	23.43			
5	QPSK	1	24	23.49	23.52	23.58	23.49	23.47			
5	QPSK	12	0	22.04	22.12	22.07	22.08	22.02	23.5	1	
5	QPSK	12	7	22.09	22.15	22.02	22.13	22.04			
5	QPSK	12	13	22.11	22.08	22.04	22.11	22.11			
5	QPSK	25	0	22.13	22.15	22.08	22.16	22.15	23.5	1	
5	16QAM	1	0	22.07	22.00	22.02	22.03	22.09			
5	16QAM	1	12	22.03	22.00	22.17	22.10	22.00			
5	16QAM	1	24	22.04	22.07	22.03	22.17	22.15	22.5	2	
5	16QAM	12	0	21.06	21.23	21.21	21.18	21.00			
5	16QAM	12	7	21.32	21.16	21.30	21.23	21.00			
5	16QAM	12	13	21.24	21.27	21.10	21.09	21.26	22.5	2	
5	16QAM	25	0	21.09	21.10	21.14	21.08	21.31			
5	16QAM	1	0	21.27	21.07	21.14	21.08	21.15			
5	64QAM	1	12	21.00	21.10	21.14	21.14	21.21	22.5	2	
5	64QAM	1	24	21.07	21.25	21.02	21.00	21.08			
5	64QAM	12	0	20.03	20.14	20.28	20.03	20.07			
5	64QAM	12	7	20.16	20.06	20.11	20.21	20.17	21.5	3	
5	64QAM	12	13	20.19	20.12	20.12	20.23	20.22			
5	64QAM	25	0	20.07	20.13	20.23	20.25	20.20			

Reduced Power Mode for DSI1

GSM850 Ant1 DSI 1							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (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	32.01	32.02	31.88	33.50	23.01	23.02	22.98
GPRS 1 Tx slot	32.04	32.06	32.03	33.50	23.04	23.06	23.03
GPRS 2 Tx slots	30.48	30.49	30.45	31.50	24.48	24.49	24.45
GPRS 3 Tx slots	28.65	28.62	28.56	29.50	24.39	24.36	24.30
GPRS 4 Tx slots	26.66	26.61	26.52	27.00	23.66	23.61	23.52
EDGE 1 Tx slot	26.27	26.33	26.26	26.00	17.27	17.33	17.26
EDGE 2 Tx slots	23.07	23.02	23.10	25.00	17.07	17.02	17.10
EDGE 3 Tx slots	21.24	21.21	21.22	23.20	16.98	16.95	16.96
EDGE 4 Tx slots	20.37	20.44	20.28	22.00	17.37	17.44	17.28

GSM1900 Ant1 DSI 1							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)		
TX Channel	512	661	810		512	661	810
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8
GSM 1 Tx slot	28.76	28.74	28.76	30.50	19.76	19.74	19.76
GPRS 1 Tx slot	28.79	28.76	28.78	30.50	19.79	19.76	19.78
GPRS 2 Tx slots	27.12	27.34	27.45	28.50	21.19	21.34	21.45
GPRS 3 Tx slots	25.19	25.34	25.42	26.50	20.93	21.08	21.16
GPRS 4 Tx slots	23.15	23.30	23.41	24.50	20.15	20.30	20.41
EDGE 1 Tx slot	25.58	25.63	25.70	27.00	16.58	16.63	16.70
EDGE 2 Tx slots	22.74	22.85	22.73	24.00	16.74	16.85	16.73
EDGE 3 Tx slots	20.71	20.86	20.80	22.20	16.45	16.60	16.54
EDGE 4 Tx slots	19.62	19.64	19.61	21.00	16.62	16.64	16.61

WCDMA II Ant1 DSI 1									
WCDMA II				Tune-up Limit (dBm)	WCDMA IV				Tune-up Limit (dBm)
Band	9262	9400	9538		1312	1413	1513		
TX Channel	9262	9400	9538		1537	1538	1738		
Frequency (MHz)	1892.4	1890	1907.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2Kbps	23.39	23.40	23.39	25.00	23.47	23.40	23.59	25.00
3GPP Rel 99	RMC 12.2Kbps	23.42	23.47	23.41	25.00	23.47	23.62	23.61	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.39	22.51	24.00	22.48	22.52	22.73	24.00
3GPP Rel 6	HSDPA Subtest-2	22.45	22.37	22.47	24.00	22.39	22.37	22.66	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	21.91	21.96	23.50	21.95	21.97	22.14	23.50
3GPP Rel 6	HSDPA Subtest-4	21.92	21.90	21.87	23.50	21.95	21.92	22.16	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.38	22.45	24.00	22.43	22.40	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.30	22.32	24.00	22.35	22.34	22.61	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.89	21.80	21.95	23.50	21.92	21.89	22.10	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.84	21.88	23.50	21.82	21.81	22.01	23.50
3GPP Rel 6	HSUPA Subtest-1	22.38	22.28	22.36	24.00	22.30	22.38	22.55	24.00
3GPP Rel 6	HSUPA Subtest-2	20.50	20.42	20.44	22.00	20.43	20.41	20.69	22.00
3GPP Rel 6	HSUPA Subtest-3	21.54	21.56	21.54	23.00	21.57	21.58	21.69	23.00
3GPP Rel 6	HSUPA Subtest-4	20.47	20.29	20.34	22.00	20.38	20.36	20.63	22.00
3GPP Rel 6	HSUPA Subtest-5	22.44	22.37	22.46	24.00	22.41	22.45	22.62	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.03	20.03	21.50	20.02	20.06	20.23	21.50

WCDMA V Ant1 DSI 1				
WCDMA V				Tune-up Limit (dBm)
Band	4132	4182	4233	
TX Channel	4357	4407	4468	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.81	23.81	23.88
3GPP Rel 99	RMC 12.2Kbps	23.87	23.92	23.75
3GPP Rel 6	HSDPA Subtest-1	22.91	22.86	22.79
3GPP Rel 6	HSDPA Subtest-2	22.83	22.74	22.68
3GPP Rel 6	HSDPA Subtest-3	22.39	22.29	22.29
3GPP Rel 6	HSDPA Subtest-4	22.36	22.25	22.17
3GPP Rel 8	DC-HSDPA Subtest-1	22.53	22.85	22.67
3GPP Rel 8	DC-HSDPA Subtest-2	22.75	22.78	22.68
3GPP Rel 8	DC-HSDPA Subtest-3	22.39	22.15	22.22
3GPP Rel 8	DC-HSDPA Subtest-4	22.32	22.23	22.10
3GPP Rel 6	HSUPA Subtest-1	22.75	22.68	22.71
3GPP Rel 6	HSUPA Subtest-2	20.86	20.85	20.77
3GPP Rel 6	HSUPA Subtest-3	21.98	21.87	21.80
3GPP Rel 6	HSUPA Subtest-4	20.76	20.75	20.72
3GPP Rel 6	HSUPA Subtest-5	22.52	22.69	22.75
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.35	20.34

Band 2 Ant1 DSI 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.17	24.20	24.14						
20	QPSK	1	49	24.03	24.07	23.94	25.5	0				
20	QPSK	1	99	23.97	24.05	23.90						
20	QPSK	50	0	23.05	23.11	23.00						
20	QPSK	50	24	22.97	23.05	22.99	24.5	1				
20	QPSK	50	50	23.04	23.07	23.01						
20	QPSK	100	0	22.89	22.95	22.86						
20	16QAM	1	0	22.64	22.69	22.60						
20	16QAM	1	49	22.54	22.57	22.53	24.5	1				
20	16QAM	1	99	22.53	22.62	22.58						
20	16QAM	50	0	22.05	22.10	21.96						
20	16QAM	50	24	21.89	22.01	21.88	23.5	2				
20	16QAM	50	50	21.94	22.04	21.95						
20	16QAM	100	0	22.04	22.11	22.01						
20	64QAM	1	0	21.85	21.95	21.92						
20	64QAM	1	49	21.73	21.87	21.83	23.5	2				
20	64QAM	1	99	21.76	21.88	21.76						
20	64QAM	50	0	20.54	20.65	20.51						
20	64QAM	50	24	20.52	20.62	20.51						
20	64QAM	50	50	20.52	20.57	20.59	22.5	3				
20	64QAM	100	0	20.53	20.60	20.51						
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.09	24.05	24.00						
15	QPSK	1	37	23.88	24.00	23.81	25.5	0				
15	QPSK	1	74	23.90	23.95	23.82						
15	QPSK	36	0	22.93	23.00	22.96						
15	QPSK	36	20	22.91	22.95	22.87	24.5	1				
15	QPSK	36	39	22.98	23.00	22.98						
15	QPSK	75	0	22.78	22.83	22.72						
15	16QAM	1	0	22.55	22.58	22.54						
15	16QAM	1	37	22.50	22.57	22.57	24.5	1				
15	16QAM	1	74	22.56	22.53	22.51						
15	16QAM	36	0	22.01	21.99	21.83						
15	16QAM	36	20	21.76	21.90	21.79	23.5	2				
15	16QAM	36	39	21.84	21.91	21.88						
15	16QAM	75	0	21.80	21.85	21.96						
15	64QAM	1	0	21.81	21.88	21.80						
15	64QAM	1	37	21.60	21.81	21.78	23.5	2				
15	64QAM	1	74	21.73	21.78	21.66						
15	64QAM	36	0	20.50	20.52	20.57						
15	64QAM	36	20	20.53	20.52	20.54	22.5	3				
15	64QAM	36	39	20.60	20.51	20.54						
15	64QAM	75	0	20.57	20.53	20.53						
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.12	24.07	24.08						
10	QPSK	1	25	23.92	23.95	23.79	25.5	0				
10	QPSK	1	49	23.85	23.95	23.83						
10	QPSK	25	0	22.91	22.98	22.92						
10	QPSK	25	12	22.92	23.01	22.88	24.5	1				
10	QPSK	25	25	23.00	22.97	22.92						
10	QPSK	50	0	22.78	22.88	22.72						
10	16QAM	1	0	22.60	22.60	22.50						
10	16QAM	1	25	22.54	22.51	22.59	24.5	1				
10	16QAM	1	49	22.65	22.51	22.54						
10	16QAM	25	0	21.96	22.06	21.85						
10	16QAM	25	12	21.85	21.93	21.75	23.5	2				
10	16QAM	25	25	21.83	21.90	21.84						
10	16QAM	50	0	21.92	22.04	21.92						
10	64QAM	1	0	21.77	21.90	21.87						
10	64QAM	1	25	21.69	21.79	21.70	23.5	2				
10	64QAM	1	49	21.62	21.82	21.63						
10	64QAM	25	0	20.50	20.52	20.57						
10	64QAM	25	12	20.60	20.54	20.53	22.5	3				
10	64QAM	25	25	20.57	20.53	20.62						
10	64QAM	50	0	20.58	20.55	20.55						
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.05	24.00	24.05						
5	QPSK	1	12	23.98	23.96	23.93	25.5	0				
5	QPSK	1	24	23.84	23.90	23.85						
5	QPSK	12	0	22.97	22.98	22.91						
5	QPSK	12	7	22.88	22.99	22.94	24.5	1				
5	QPSK	12	13	22.90	22.96	22.96						
5	QPSK	25	0	22.76	22.88	22.74						
5	16QAM	1	0	22.50	22.55	22.52						
5	16QAM	1	12	22.59	22.59	22.56	24.5	1				
5	16QAM	1	24	22.61	22.50	22.50						
5	16QAM	12	0	21.97	22.00	21.88						
5	16QAM	12	7	21.85	21.97	21.76	23.5	2				
5	16QAM	12	13	21.91	21.89	21.90						
5	16QAM	25	0	21.94	22.07	21.89						
5	64QAM	1	0	21.73	21.87	21.82						
5	64QAM	1	12	21.61	21.80	21.76	23.5	2				
5	64QAM	1	24	21.64	21.84	21.72						
5	64QAM	12	0	20.62	20.51	20.57						
5	64QAM	12	7	20.55	20.58	20.62	22.5	3				
5	64QAM	12	13	20.54	20.54	20.53						
5	64QAM	25	0	20.54	20.54	20.56						
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.06	24.05	24.09						
3	QPSK	1	8	23.98	24.01	23.80	25.5	0				
3	QPSK	1	14	23.92	23.90	23.77						
3	QPSK	8	0	23.98	23.02	22.94						
3	QPSK	8	4	22.94	22.91	22.92	24.5	1				
3	QPSK	8	7	22.99	23.04	22.92						
3	QPSK	15	0	22.84	22.81	22.75						
3	16QAM	1	0	22.50	22.66	22.50						
3	16QAM	1	8	22.58	22.52	22.56	24.5	1				
3	16QAM	1	14	22.58	22.52	22.60						
3	16QAM	8	0	21.90	22.00	21.83						
3	16QAM	8	4	21.84	21.88	21.84	23.5	2				
3	16QAM	8	7	21.84	21.96	21.90						
3	16QAM	15	0	21.97	22.03	21.89						
3	64QAM	1	0	21.77	21.86	21.88						
3	64QAM	1	8	21.69	21.76	21.69	23.5	2				
3	64QAM	1	14	21.65	21.81	21.64						
3	64QAM	8	0	20.60	20.61	20.60						
3	64QAM	8	4	20.59	20.59	20.59	22.5	3				
3	64QAM	8	7	20.58	20.56	20.52						
3	64QAM	15	0	20.60	20.55	20.57						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.02	24.12	23.99						
1.4	QPSK	1	3	23.96	24.04	23.90						
1.4	QPSK	1	5	23.90	23.90	23.80	25.5	0				
1.4	QPSK	3	0	24.09	24.05	24.08						
1.4	QPSK	3	3	23.85	24.02	23.81						
1.4	QPSK	3	3	23.84	24.01	23.81						
1.4	QPSK	6	0	22.88	22.93	22.94	24.5	1				
1.4	16QAM	1	0	22.68	22.69	22.60						
1.4	16QAM	1	3	22.62	22.70	22.68						
1.4	16QAM	1	5	22.90	22.99	22.85	24.5	1				
1.4	16QAM	3	0	22.91	22.96	22.89						
1.4	16QAM	3	1	22.89	22.98	22.83						
1.4	16QAM	3	3	22.93	22.93	22.87	23.5	2				
1.4	16QAM	6	0	21.90	21.97	21.86						
1.4	16QAM	6	3	22.01	22.01	21.98						
1.4	16QAM	1	3	21.95	22.08	21.96	23.5	2				
1.4	64QAM	1	5	21.89	22.03	21.89						
1.4	64QAM	3	0	20.20	21.96	21.96						
1.4	64QAM	3	1	21.90	21.97	21.87						
1.4	64QAM	3	3	22.02	22.02	21.95						
1.4	64QAM	6	0	20.52	20.58	20.51	22.5	3				

Band 7 Ant1 DSI 1										
BW (MHz)	Modulat ion	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)				2310	2335	2360				
20	QPSK	1	0	23.67	23.84	23.70	25	0		
20	QPSK	1	49	23.52	23.63	23.57				
20	QPSK	1	99	23.53	23.58	23.50				
20	QPSK	50	0	22.51	22.61	22.50	24	1		
20	QPSK	50	24	22.58	22.52	22.51				
20	QPSK	50	50	22.57	22.53	22.56				
20	QPSK	100	0	22.55	22.73	22.59	24	1		
20	16QAM	1	0	22.71	22.81	22.74				
20	16QAM	1	49	22.55	22.71	22.80				
20	16QAM	1	99	22.55	22.68	22.64	23	2		
20	16QAM	50	0	21.51	21.78	21.66				
20	16QAM	50	24	21.59	21.71	21.67				
20	16QAM	50	50	21.52	21.64	21.55	23	2		
20	16QAM	100	0	21.58	21.83	21.70				
20	16QAM	1	0	21.72	21.86	21.79	23	2		
20	16QAM	1	49	21.63	21.76	21.66				
20	16QAM	1	99	21.68	21.82	21.71				
20	16QAM	50	0	20.60	20.81	20.75	22	3		
20	16QAM	50	24	20.63	20.74	20.70				
20	16QAM	50	50	20.53	20.71	20.65				
20	16QAM	100	0	20.64	20.80	20.76	25	0		
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.57	23.74	23.59	25	0		
15	QPSK	1	37	23.52	23.57	23.51				
15	QPSK	1	74	23.54	23.52	23.53				
15	QPSK	36	0	22.57	22.54	22.65	24	1		
15	QPSK	36	20	22.51	22.57	22.54				
15	QPSK	36	39	22.54	22.56	22.62				
15	QPSK	75	0	22.62	22.59	22.53	24	1		
15	16QAM	1	0	22.61	22.69	22.67				
15	16QAM	1	37	22.51	22.63	22.55				
15	16QAM	1	74	22.64	22.55	22.53	23	2		
15	16QAM	36	0	21.60	21.71	21.52				
15	16QAM	36	20	21.59	21.59	21.64				
15	16QAM	36	39	21.52	21.52	21.60	23	2		
15	16QAM	75	0	21.51	21.74	21.62				
15	16QAM	1	0	21.64	21.74	21.71				
15	16QAM	1	37	21.56	21.63	21.59	23	2		
15	16QAM	1	74	21.57	21.78	21.61				
15	16QAM	36	0	20.54	20.68	20.71				
15	16QAM	36	20	20.58	20.60	20.65	22	3		
15	16QAM	36	39	20.64	20.56	20.51				
15	16QAM	75	0	20.57	20.71	20.64				
Channel				20900	21100	21400	25 <td rowspan="2">0</td> <td rowspan="2"></td> <td rowspan="2"></td>	0		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.63	23.75	23.64	25	0		
10	QPSK	1	25	23.52	23.59	23.52				
10	QPSK	1	49	23.51	23.53	23.50				
10	QPSK	25	0	22.58	22.52	22.55	24	1		
10	QPSK	25	12	22.64	22.64	22.63				
10	QPSK	25	25	22.56	22.58	22.58				
10	QPSK	50	0	22.52	22.59	22.57	24	1		
10	16QAM	1	0	22.64	22.77	22.68				
10	16QAM	1	25	22.62	22.62	22.52				
10	16QAM	1	49	22.63	22.56	22.55	23	2		
10	16QAM	25	0	21.54	21.86	21.60				
10	16QAM	25	12	21.58	21.62	21.62				
10	16QAM	25	25	21.62	21.51	21.55	23	2		
10	16QAM	50	0	21.54	21.70	21.64				
10	16QAM	1	0	21.65	21.74	21.72				
10	16QAM	1	25	21.57	21.65	21.61	23	2		
10	16QAM	1	49	21.65	21.68	21.61				
10	16QAM	25	0	20.57	20.72	20.64				
10	16QAM	25	12	20.64	20.66	20.57	22	3		
10	16QAM	25	25	20.53	20.64	20.58				
10	16QAM	50	0	20.59	20.68	20.66				
Channel				20775	21100	21425	25 <td rowspan="2">0</td> <td rowspan="2"></td> <td rowspan="2"></td>	0		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.56	23.72	23.57	25	0		
5	QPSK	1	12	23.51	23.54	23.51				
5	QPSK	1	24	23.52	23.52	23.51				
5	QPSK	12	0	22.54	22.55	22.63	24	1		
5	QPSK	12	7	22.62	22.55	22.59				
5	QPSK	12	13	22.61	22.61	22.61				
5	QPSK	25	0	22.51	22.63	22.55	24	1		
5	16QAM	1	0	22.65	22.67	22.69				
5	16QAM	1	12	22.61	22.62	22.52				
5	16QAM	1	24	22.56	22.60	22.55	23	2		
5	16QAM	12	0	21.60	21.72	21.58				
5	16QAM	12	7	21.53	21.66	21.58				
5	16QAM	12	13	21.61	21.61	21.55	23	2		
5	16QAM	25	0	21.56	21.78	21.59				
5	16QAM	1	0	21.58	21.83	21.65				
5	16QAM	1	12	21.59	21.70	21.58	22	3		
5	16QAM	1	24	21.59	21.79	21.66				
5	16QAM	12	0	20.56	20.76	20.61				
5	16QAM	12	7	20.60	20.62	20.62	25	0		
5	16QAM	12	13	20.59	20.60	20.62				
5	16QAM	25	0	20.53	20.77	20.66				

Band 13 Ant1 DSI 1													
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				23230									
Frequency (MHz)				782									
10	QPSK	1	0	24.27	24.27	24.41	25.5						
10	QPSK	1	25	24.20	24.20	24.14							
10	QPSK	1	49	24.23	24.23	24.34							
10	QPSK	25	0	23.31	23.31	23.31	24.5	1					
10	QPSK	25	12	23.27	23.27	23.28							
10	QPSK	25	25	23.18	23.18	23.25							
10	QPSK	50	0	23.23	23.23	23.25	24.5	1					
10	16QAM	1	0	22.75	22.75	23.06							
10	16QAM	1	25	22.68	22.68	22.97							
10	16QAM	1	49	22.67	22.67	22.97	23.5	2					
10	16QAM	25	0	22.45	22.45	22.55							
10	16QAM	25	12	22.38	22.38	22.51							
10	16QAM	25	25	22.31	22.25	22.45	23.5	2					
10	16QAM	50	0	22.22	22.22	22.36							
10	16QAM	1	0	21.83	21.83	21.92	22.5	3					
10	16QAM	1	25	21.70	21.70	21.80							
10	16QAM	1	49	21.71	21.71	21.78							
10	16QAM	25	0	20.88	20.88	21.06	22.5	3					
10	16QAM	25	12	20.58	20.58	20.66							
10	16QAM	25	25	20.50	20.50	20.54							
10	16QAM	50	0	20.73	20.73	20.73	22.5	3					
Channel				23205	23230	23295					Tune-up limit (dBm)	MPR (dB)	0
5	QPSK	1	0	24.23	24.24	24.14							
5	QPSK	1	12	24.09	24.12	24.09							
5	QPSK	1	24	24.13	24.09	24.18	25.5	0					
5	QPSK	12	0	23.17	23.27	23.19							
5	QPSK	12	7	23.19	23.12	23.23							
5	QPSK	12	13	23.06	23.08	23.06	24.5	1					
5	16QAM	1	0	22.87	22.70	22.65							
5	16QAM	1	12	22.64	22.57	22.65							
5	16QAM	1	24	22.60	22.55	22.52	24.5	1					
5	16QAM	12	0	22.36	22.32	22.41							
5	16QAM	12	7	22.31	22.25	22.30							
5	16QAM	12	13	22.25	22.23	22.17	23.5	2					
5	16QAM	25	0	22.19	22.12	22.09							
5	16QAM	1	0	21.77	21.79	21.76							
5	16QAM	1	12	21.65	21.58	21.56	23.5	2					
5	16QAM	1	24	21.66	21.59	21.63							
5	16QAM	12	0	20.83	20.57	20.55							
5	16QAM	12	7	20.54	20.54	20.51	22.5	3					
5	16QAM	12	13	20.61	20.55	20.56							
5	16QAM	25	0	20.67	20.61	20.69							

Band 38 Ant1 DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.17	24.27	24.22		25	0
20	QPSK	1	49	24.12	24.20	24.15			
20	QPSK	1	99	24.08	24.18	24.11			
20	QPSK	50	0	22.85	22.96	22.91		24	1
20	QPSK	50	24	22.85	22.90	22.83			
20	QPSK	100	0	22.69	22.78	22.70			
20	16QAM	1	0	22.73	22.88	22.80		24	
20	16QAM	1	49	22.64	22.75	22.67			
20	16QAM	1	99	22.72	22.78	22.73			
20	16QAM	50	0	21.92	21.98	21.87		23	2
20	16QAM	50	24	21.73	21.85	21.72			
20	16QAM	50	50	21.73	21.85	21.77			
20	16QAM	100	0	22.83	22.86	22.81		23	2
20	64QAM	1	0	21.68	21.75	21.65			
20	64QAM	1	49	21.66	21.70	21.62			
20	64QAM	1	99	21.57	21.62	21.58		22	3
20	64QAM	50	0	21.08	21.17	21.04			
20	64QAM	50	24	20.96	21.05	20.95			
20	64QAM	50	50	20.91	21.05	21.01			
20	64QAM	100	0	21.46	21.51	21.38			
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.04	24.22	24.19		25	0
15	QPSK	1	37	24.08	24.10	24.11			
15	QPSK	1	74	24.04	24.13	24.07			
15	QPSK	36	0	22.71	22.82	22.83		24	1
15	QPSK	36	20	22.71	22.81	22.73			
15	QPSK	36	39	22.78	22.82	22.83			
15	QPSK	75	0	22.56	22.68	22.64		24	1
15	16QAM	1	0	22.65	22.82	22.72			
15	16QAM	1	37	22.54	22.70	22.53			
15	16QAM	1	74	22.68	22.66	22.67		23	2
15	16QAM	36	0	21.84	21.88	21.78			
15	16QAM	36	20	21.59	21.78	21.64			
15	16QAM	36	39	21.67	21.73	21.71		23	2
15	16QAM	75	0	22.73	22.72	22.78			
15	64QAM	1	0	21.59	21.69	21.59			
15	64QAM	1	37	21.62	21.58	21.58		23	
15	64QAM	1	74	21.43	21.54	21.43			
15	64QAM	36	0	21.00	21.05	20.95			
15	64QAM	36	20	20.89	20.98	20.83		22	3
15	64QAM	36	39	20.87	20.99	20.87			
15	64QAM	75	0	21.40	21.41	21.34			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.06	24.20	24.13		25	0
10	QPSK	1	25	24.07	24.17	24.09			
10	QPSK	1	49	23.98	24.13	24.01			
10	QPSK	25	0	22.75	22.89	22.88		24	1
10	QPSK	25	12	22.80	22.78	22.72			
10	QPSK	25	25	22.81	22.89	22.80			
10	QPSK	50	0	22.63	22.71	22.60		24	1
10	16QAM	1	0	22.69	22.76	22.73			
10	16QAM	1	25	22.54	22.63	22.52			
10	16QAM	1	49	22.67	22.64	22.68		23	2
10	16QAM	25	0	21.79	21.95	21.76			
10	16QAM	25	12	21.82	21.75	21.81			
10	16QAM	25	25	21.64	21.77	21.66		23	2
10	16QAM	50	0	22.77	22.74	22.74			
10	64QAM	1	0	21.59	21.64	21.61			
10	64QAM	1	25	21.61	21.61	21.50		23	2
10	64QAM	1	49	21.42	21.53	21.50			
10	64QAM	25	0	20.99	21.07	21.00			
10	64QAM	25	12	20.93	21.02	20.86		22	3
10	64QAM	25	25	20.88	21.02	20.93			
10	64QAM	50	0	21.37	21.48	21.33			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	24.11	24.22	24.13		25	0
5	QPSK	1	12	24.06	24.11	24.04			
5	QPSK	1	24	24.00	24.14	24.01			
5	QPSK	12	0	22.73	22.91	22.85		24	1
5	QPSK	12	7	22.77	22.75	22.76			
5	QPSK	12	13	22.79	22.89	22.81			
5	QPSK	25	0	22.57	22.66	22.57		24	1
5	16QAM	1	0	22.61	22.76	22.75			
5	16QAM	1	12	22.54	22.62	22.60			
5	16QAM	1	24	22.58	22.64	22.70		23	2
5	16QAM	12	0	21.86	21.84	21.84			
5	16QAM	12	7	21.59	21.74	21.59			
5	16QAM	12	13	21.68	21.79	21.63		23	2
5	16QAM	25	0	22.75	22.75	22.76			
5	64QAM	1	0	21.55	21.67	21.50		23	2
5	64QAM	1	12	21.58	21.65	21.57			
5	64QAM	1	24	21.44	21.51	21.49			
5	64QAM	12	0	20.99	21.13	20.94		22	3
5	64QAM	12	7	20.88	20.97	20.81			
5	64QAM	12	13	20.84	20.93	20.89			
5	64QAM	25	0	21.34	21.43	21.27			

Band 41 Ant1 DSI 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.80	23.67	24.11	23.91	24.04	25	0
20	QPSK	1	49	23.74	23.66	24.04	23.88	23.99		
20	QPSK	1	99	23.74	23.73	24.07	23.89	23.99		
20	QPSK	50	0	22.78	22.65	23.06	22.88	22.99	24	1
20	QPSK	50	24	22.75	22.60	22.99	22.86	22.90		
20	QPSK	50	50	22.78	22.66	23.01	22.87	22.95		
20	QPSK	100	0	22.69	22.58	22.94	22.86	22.87	24	1
20	16QAM	1	0	22.68	22.60	22.95	22.80	22.82		
20	16QAM	1	49	22.55	22.42	22.85	22.69	22.81		
20	16QAM	1	99	22.63	22.48	22.87	22.70	22.73	23	2
20	16QAM	50	0	21.96	21.81	22.25	22.14	22.16		
20	16QAM	50	24	21.80	21.75	22.14	22.03	22.09		
20	16QAM	50	50	21.83	21.75	22.13	22.03	22.07	23	2
20	16QAM	100	0	21.90	21.73	22.16	22.07	22.04		
20	64QAM	1	0	21.79	21.71	22.09	22.01	21.94		
20	64QAM	1	49	21.67	21.55	21.95	21.82	21.84	23	2
20	64QAM	1	99	21.74	21.58	21.99	21.86	21.85		
20	64QAM	50	0	20.90	20.85	21.23	21.09	21.13		
20	64QAM	50	24	20.88	20.76	21.13	20.94	21.04	22	3
20	64QAM	50	50	20.87	20.72	21.16	21.05	21.07		
20	64QAM	100	0	20.94	20.82	21.18	21.00	21.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.6	2682.5		
15	QPSK	1	0	23.70	23.54	24.00	23.84	23.92	25	0
15	QPSK	1	37	23.61	23.59	23.96	23.75	23.89		
15	QPSK	1	74	23.66	23.69	23.94	23.75	23.85		
15	QPSK	36	0	22.66	22.57	22.93	22.75	22.85	24	1
15	QPSK	36	20	22.67	22.55	22.88	22.79	22.81		
15	QPSK	36	39	22.71	22.51	22.91	22.73	22.89		
15	QPSK	75	0	22.61	22.50	22.88	22.72	22.78	24	1
15	16QAM	1	0	22.58	22.47	22.80	22.74	22.79		
15	16QAM	1	37	22.51	22.32	22.71	22.62	22.64		
15	16QAM	1	74	22.48	22.42	22.79	22.60	22.59	23	2
15	16QAM	36	0	21.85	21.69	22.11	22.07	22.03		
15	16QAM	36	20	21.74	21.69	22.02	21.90	21.98		
15	16QAM	36	39	21.73	21.71	22.05	21.91	22.04	23	2
15	16QAM	75	0	21.79	21.60	22.04	21.95	21.99		
15	64QAM	1	0	21.70	21.67	21.98	21.96	21.82		
15	64QAM	1	37	21.63	21.47	21.88	21.75	21.77	23	2
15	64QAM	1	74	21.61	21.52	21.90	21.81	21.80		
15	64QAM	36	0	20.82	20.71	21.11	20.97	21.03		
15	64QAM	36	20	20.80	20.71	21.10	20.79	20.96	22	3
15	64QAM	36	39	20.77	20.60	21.07	21.01	20.97		
15	64QAM	75	0	20.80	20.75	21.13	20.94	21.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.56	23.98	23.82	23.96	25	0
10	QPSK	1	25	23.69	23.62	23.95	23.77	23.90		
10	QPSK	1	49	23.71	23.60	23.96	23.77	23.85		
10	QPSK	25	0	22.66	22.54	23.03	22.80	22.84	24	1
10	QPSK	25	12	22.71	22.55	22.92	22.72	22.87		
10	QPSK	25	25	22.71	22.56	22.87	22.72	22.91		
10	QPSK	50	0	22.58	22.53	22.84	22.79	22.76	23	2
10	16QAM	1	0	22.58	22.54	22.89	22.66	22.70		
10	16QAM	1	25	22.49	22.30	22.72	22.63	22.65		
10	16QAM	49	0	22.40	22.32	22.59	22.59	22.58	23	2
10	16QAM	25	0	21.83	21.77	22.18	22.07	22.10		
10	16QAM	25	12	21.74	21.72	22.09	21.91	22.06		
10	16QAM	25	25	21.76	21.69	22.00	21.95	22.01	23	2
10	16QAM	50	0	21.78	21.68	22.04	21.99	21.92		
10	64QAM	1	0	21.70	21.68	22.02	21.90	21.80		
10	64QAM	1	25	21.57	21.43	21.83	21.73	21.75	23	2
10	64QAM	1	49	21.64	21.52	21.86	21.78	21.71		
10	64QAM	25	0	20.86	20.79	21.11	20.96	21.10		
10	64QAM	25	12	20.76	20.64	21.00	20.87	20.99	22	3
10	64QAM	25	25	20.78	20.58	21.03	20.92	21.00		
10	64QAM	50	0	20.84	20.72	21.15	20.86	21.04		
Channel				39675	40148	40620	41093	41585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.74	23.63	24.01	23.86	23.99	25	0
5	QPSK	1	12	23.67	23.62	23.93	23.75	23.85		
5	QPSK	1	24	23.62	23.59	24.03	23.82	23.89		
5	QPSK	12	0	22.75	22.54	23.03	22.81	22.88	24	1
5	QPSK	12	7	22.63	22.56	22.88	22.74	22.84		
5	QPSK	12	13	22.75	22.52	22.87	22.78	22.92		
5	QPSK	25	0	22.58	22.49	22.90	22.79	22.74	24	1
5	16QAM	1	0	22.61	22.52	22.84	22.66	22.76		
5	16QAM	1	12	22.47	22.38	22.79	22.60	22.67		
5	16QAM	1	24	22.58	22.41	22.73	22.66	22.65	23	2
5	16QAM	12	0	21.87	21.76	22.19	22.10	22.08		
5	16QAM	12	7	21.68	21.65	22.06	21.91	21.99		
5	16QAM	12	13	21.78	21.67	22.09	21.98	21.94	23	2
5	16QAM	25	0	21.80	21.63	22.07	21.99	21.98		
5	64QAM	1	0	21.68	21.66	21.98	21.90	21.86		
5	64QAM	1	12	21.49	21.47	21.93	21.76	21.72	23	2
5	64QAM	24	0	21.61	21.52	21.91	21.73	21.70		
5	64QAM	12	0	20.83	20.77	21.15	20.98	21.05		
5	64QAM	12	7	20.84	20.83	20.99	20.79	20.92	22	3
5	64QAM	12	13	20.83	20.66	21.12	20.94	20.99		
5	64QAM	25	0	20.90	20.70	21.05	20.97	21.03		

GSM850 Ant4 DSI 1							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	128	189	251		128	189	251
TX Channel	128	189	251	128	189	251	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot	30.75	30.72	30.71	31.50	21.75	21.72	21.71
GPRS 1 Tx slot	30.77	30.75	30.72	31.50	21.77	21.75	21.72
GPRS 2 Tx slots	27.90	27.92	27.87	28.50	21.90	21.92	21.87
GPRS 3 Tx slots	26.02	26.02	25.95	26.50	21.76	21.76	21.69
GPRS 4 Tx slots	24.83	24.82	24.74	25.00	21.83	21.82	21.74
EDGE 1 Tx slot	24.48	24.80	24.71	26.00	15.48	15.80	15.71
EDGE 2 Tx slots	21.58	21.95	21.92	23.00	15.58	15.95	15.92
EDGE 3 Tx slots	19.47	19.82	19.74	21.20	15.21	15.56	15.48
EDGE 4 Tx slots	18.31	18.62	18.55	20.00	15.31	15.62	15.55

		GSM1900 Ant4 DSI 1							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	512	661	810		512	661	810		
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8			
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8			
GSM 1 Tx slot	23.51	23.52	23.89	25.50	14.51	14.52	14.89	16.50	
GPRS 1 Tx slot	23.52	23.67	23.97	25.50	14.52	14.67	14.97	16.50	
GPRS 2 Tx slots	20.60	20.75	21.07	22.50	14.60	14.75	15.07	16.50	
GPRS 3 Tx slots	18.51	18.68	18.92	20.50	14.25	14.42	14.66	16.24	
GPRS 4 Tx slots	17.57	17.86	17.82	19.50	14.57	14.86	14.82	16.50	
EDGE 1 Tx slot	20.45	20.21	20.58	22.00	11.45	11.21	11.58	13.00	
EDGE 2 Tx slots	17.47	17.25	17.52	19.00	11.47	11.25	11.52	13.00	
EDGE 3 Tx slots	15.21	15.22	15.27	17.20	10.95	10.96	11.01	13.00	
EDGE 4 Tx slots	14.07	14.01	14.02	16.00	11.07	11.03	11.07	13.00	

		WCDMA II Ant4 DSI 1				WCDMA IV Ant4 DSI 1				WCDMA V Ant4 DSI 1				
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		Tune-up Limit (dBm)	
RX Channel	9662	9800	9938		1537	1638	1738		4367	4407	4458			
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		626.4	636.4	646.6			
3GPP Rel 99	AMR 12.2Kbps	15.37	15.48	15.38	17.00	19.48	19.53	19.42	21.00	19.36	19.53	19.52	21.00	
3GPP Rel 99	RMC 12.2Kbps	15.47	15.58	15.43	17.00	19.46	19.56	19.51	21.00	19.53	19.62	19.57	21.00	
3GPP Rel 6	HSDPA Subtest-1	14.66	14.50	14.50	16.00	18.45	18.68	18.61	20.00	18.52	18.76	18.69	20.00	
3GPP Rel 6	HSDPA Subtest-2	14.61	14.38	14.41	16.00	18.51	18.53	18.55	20.00	18.41	18.73	18.57	20.00	
3GPP Rel 6	HSDPA Subtest-3	14.17	13.98	14.03	15.50	18.03	18.18	18.13	19.50	18.14	18.34	18.16	19.50	
3GPP Rel 6	HSDPA Subtest-4	13.97	13.97	13.81	15.50	17.93	18.09	18.06	19.50	17.84	18.16	18.12	19.50	
3GPP Rel 6	DC-HSDPA Subtest-1	14.59	14.53	14.59	16.00	18.53	18.51	18.64	20.00	18.57	18.70	18.67	20.00	
3GPP Rel 6	DC-HSDPA Subtest-2	14.53	14.49	14.52	16.00	18.44	18.58	18.56	20.00	18.44	18.67	18.56	20.00	
3GPP Rel 6	DC-HSDPA Subtest-3	13.99	13.93	13.93	15.50	17.86	18.08	18.07	19.50	17.89	18.08	18.03	19.50	
3GPP Rel 6	DC-HSDPA Subtest-4	13.98	13.90	13.85	15.50	17.89	17.86	17.93	19.50	17.76	17.94	17.90	19.50	
3GPP Rel 6	HSDPA Subtest-1	14.48	14.37	14.41	16.00	18.42	18.46	18.51	20.00	18.37	18.66	18.63	20.00	
3GPP Rel 6	HSDPA Subtest-2	12.56	12.50	12.58	14.00	16.51	16.56	16.62	18.00	16.52	16.67	16.68	18.00	
3GPP Rel 6	HSDPA Subtest-3	13.60	13.49	13.59	15.00	17.53	17.70	17.70	18.00	17.56	17.76	17.71	18.00	
3GPP Rel 6	HSDPA Subtest-4	12.56	12.43	12.50	14.00	16.42	16.63	16.57	18.00	16.38	16.76	16.71	18.00	
3GPP Rel 6	HSPA Subtest-1	14.48	14.40	14.35	16.00	18.33	18.58	18.53	20.00	18.43	18.61	18.60	20.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.16	12.04	11.93	13.50	16.00	16.15	16.05	17.50	15.96	16.15	16.18	17.50	

Band 2 Ant4 DSI 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				1860	1880	1900						
20	QPSK	1	0	14.97	15.01	15.08	15.5	0				
20	QPSK	1	49	14.97	15.01	15.09						
20	QPSK	1	99	15.00	14.98	15.02						
20	QPSK	50	0	14.78	15.03	15.00						
20	QPSK	50	24	14.93	14.87	14.89						
20	QPSK	50	50	14.92	14.83	14.82	15.5	0				
20	QPSK	100	0	14.72	14.87	14.70						
20	16QAM	1	0	14.76	14.69	14.78						
20	16QAM	1	49	14.84	14.83	14.77						
20	16QAM	1	99	14.50	14.51	14.65						
20	16QAM	50	0	14.72	14.57	14.71	15.5	0				
20	16QAM	50	24	14.63	14.57	14.61						
20	16QAM	50	50	14.68	14.67	14.70						
20	16QAM	100	0	14.55	14.53	14.64						
20	64QAM	1	0	14.72	14.69	14.57						
20	64QAM	1	49	14.77	14.59	14.77	15.5	0				
20	64QAM	1	99	14.80	14.60	14.71						
20	64QAM	50	0	14.61	14.58	14.66						
20	64QAM	50	24	14.79	14.68	14.58						
20	64QAM	50	50	14.58	14.59	14.73						
20	64QAM	100	0	14.69	14.53	14.66	15.5	0				
Channel				18675	18900	19125						
Frequency (MHz)				1857.5	1880	1902.5						
15	QPSK	1	0	14.81	15.02	14.92	15.5	0				
15	QPSK	1	37	14.90	14.90	14.99						
15	QPSK	1	74	14.96	14.86	14.89						
15	QPSK	36	0	14.71	14.90	14.94						
15	QPSK	36	20	14.79	14.74	14.75						
15	QPSK	36	39	14.80	14.78	14.80	15.5	0				
15	QPSK	75	0	14.66	14.78	14.58						
15	16QAM	1	0	14.64	14.64	14.67						
15	16QAM	1	37	14.74	14.68	14.69						
15	16QAM	1	74	14.36	14.36	14.57						
15	16QAM	36	0	14.60	14.46	14.66	15.5	0				
15	16QAM	36	20	14.51	14.51	14.47						
15	16QAM	36	39	14.60	14.59	14.64						
15	16QAM	75	0	14.60	14.54	14.57						
15	64QAM	1	0	14.63	14.63	14.52						
15	64QAM	1	37	14.67	14.48	14.66	15.5	0				
15	64QAM	1	74	14.75	14.55	14.65						
15	64QAM	36	0	14.49	14.42	14.52						
15	64QAM	36	20	14.66	14.63	14.51						
15	64QAM	36	39	14.44	14.44	14.58						
15	64QAM	75	0	14.61	14.43	14.56	15.5	0				
Channel				18650	18900	19150						
Frequency (MHz)				1855	1880	1905						
10	QPSK	1	0	14.82	15.02	15.01	15.5	0				
10	QPSK	1	25	14.90	14.87	15.01						
10	QPSK	1	49	14.87	14.94	14.95						
10	QPSK	25	0	14.63	14.96	14.91						
10	QPSK	25	12	14.81	14.73	14.80						
10	QPSK	25	25	14.78	14.77	14.87	15.5	0				
10	QPSK	50	0	14.57	14.78	14.63						
10	16QAM	1	0	14.70	14.56	14.69						
10	16QAM	1	25	14.71	14.69	14.66						
10	16QAM	1	49	14.45	14.42	14.50						
10	16QAM	25	0	14.67	14.45	14.66	15.5	0				
10	16QAM	25	12	14.58	14.44	14.47						
10	16QAM	25	25	14.57	14.62	14.59						
10	16QAM	50	0	14.46	14.43	14.50						
10	64QAM	1	0	14.66	14.64	14.50						
10	64QAM	1	25	14.66	14.44	14.72	15.5	0				
10	64QAM	1	49	14.69	14.50	14.64						
10	64QAM	25	0	14.48	14.49	14.51						
10	64QAM	25	12	14.66	14.63	14.47						
10	64QAM	25	25	14.48	14.44	14.64						
10	64QAM	50	0	14.59	14.47	14.58	15.5	0				
Channel				18625	18900	19175						
Frequency (MHz)				1852.5	1880	1907.5						
5	QPSK	1	0	14.84	14.95	15.00	15.5	0				
5	QPSK	1	12	14.89	14.88	14.96						
5	QPSK	1	24	14.90	14.92	14.94						
5	QPSK	12	0	14.70	14.91	14.95						
5	QPSK	12	7	14.82	14.73	14.76						
5	QPSK	12	13	14.80	14.71	14.78	15.5	0				
5	QPSK	25	0	14.57	14.73	14.60						
5	16QAM	1	0	14.66	14.56	14.70						
5	16QAM	1	12	14.72	14.68	14.66						
5	16QAM	1	24	14.43	14.43	14.54						
5	16QAM	12	0	14.57	14.49	14.59	15.5	0				
5	16QAM	12	7	14.57	14.49	14.50						
5	16QAM	12	13	14.52	14.55	14.54						
5	16QAM	25	0	14.42	14.39	14.58						
5	64QAM	1	0	14.59	14.58	14.46						
5	64QAM	1	12	14.62	14.46	14.65	15.5	0				
5	64QAM	1	24	14.69	14.55	14.55						
5	64QAM	12	0	14.46	14.48	14.53						
5	64QAM	12	7	14.72	14.60	14.42						
5	64QAM	25	0	14.63	14.39	14.56						
5	64QAM	25	0	14.63	14.39	14.56	15.5	0				
Channel				18615	18900	19185						
Frequency (MHz)				1851.5	1880	1908.5						
3	QPSK	1	0	14.91	15.05	14.94	15.5	0				
3	QPSK	1	8	14.89	14.86	14.97						
3	QPSK	1	14	14.89	14.83	14.86						
3	QPSK	8	0	14.65	14.96	14.91						
3	QPSK	8	4	14.83	14.75	14.84						
3	QPSK	8	7	14.87	14.74	14.88	15.5	0				
3	QPSK	15	0	14.67	14.82	14.63						
3	QPSK	15	1	14.63	14.56	14.69						
3	16QAM	1	8	14.73	14.71	14.68						
3	16QAM	1	14	14.43	14.46	14.60						
3	16QAM	8	0	14.64	14.52	14.57	15.5	0				
3	16QAM	8	4	14.52	14.41	14.46						
3	16QAM	15	7	14.64	14.59	14.60						
3	16QAM	15	0	14.43	14.46	14.58						
3	64QAM	1	0	14.62	14.58	14.52						
3	64QAM	1	8	14.65	14.45	14.65	15.5	0				
3	64QAM	1	14	14.70	14.54	14.63						
3	64QAM	8	0	14.47	14.42	14.53						
3	64QAM	8	4	14.53	14.37	14.53						
3	64QAM	8	7	14.53	14.50	14.58						
3	64QAM	15	0	14.63	14.42	14.60	15.5	0				
Channel				18607	18900	19193						
Frequency (MHz)				1850.7	1880	1909.3						
1.4	QPSK	1	0	14.85	14.96	15.00	15.5	0				
1.4	QPSK	1	8	14.84	14.93	14.97						
1.4	QPSK	1	8	14.91	14.82	14.89						
1.4	QPSK	3	0	14.66	14.90	14.91						
1.4	QPSK	3	1	14.79	14.83	14.78						
1.4	QPSK	3	3	14.88	14.78	14.82	15.5	0				
1.4	QPSK	6	0	14.63	14.77	14.61						
1.4	16QAM	1	0	14.71	14.60	14.64						
1.4	16QAM	1	3	14.69	14.74	14.64						
1.4	16QAM	1	5	14.46	14.45	14.49						
1.4	16QAM	3	0	14.66	14.41	14.62	15.5	0				
1.4	16QAM	3	1	14.57	14.45	14.52						
1.4	16QAM	6	0	14.42	14.37	14.52						
1.4	16QAM	3	3	14.66	14.56	14.46						
1.4	64QAM	1	3	14.65	14.44	14.50						
1.4	64QAM	3	1	14.72	14.63	14.46	15.5	0				
1.4	64QAM	3	3	14.73	14.54	14.60						
1.4	64QAM	3	5	14.65	14.56	14.46						
1.4	64QAM	3	8	14.47	14.47	14.53						
1.4	64QAM	3	1	14.72	14.63	14.46						
1.4	64QAM	3	3	14.73	14.54	14.60	15.5	0				
1.4	64QAM	3	5	14.65	14.56	14.46						
1.4	64QAM	3	8	14.47	14.47	14.53						
1.4	64QAM	3	1	14.72	14.63	14.46						
1.4	64QAM	3	3	14.73	14.54	14.60						

Band 7 Ant4 DSI 1													
BW (MHz)	Modulat ion	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)				2310	2335	2360							
20	QPSK	1	0	17.63	17.73	17.68	18.5	0					
20	QPSK	1	49	17.65	17.71	17.69							
20	QPSK	1	99	17.71	17.73	17.68							
20	QPSK	50	0	17.52	17.66	17.60	18.5	0					
20	QPSK	50	24	17.58	17.58	17.54							
20	QPSK	50	50	17.56	17.49	17.57							
20	QPSK	100	0	17.32	17.49	17.28	18.5	0					
20	16QAM	1	0	17.52	17.43	17.42							
20	16QAM	1	49	17.60	17.50	17.50							
20	16QAM	1	99	17.24	17.17	17.34	18.5	0					
20	16QAM	50	0	17.42	17.23	17.44							
20	16QAM	50	24	17.26	17.17	17.29							
20	16QAM	50	50	17.35	17.36	17.37	18.5	0					
20	16QAM	100	0	17.24	17.19	17.31							
20	64QAM	1	0	17.44	17.40	17.23							
20	64QAM	1	49	17.45	17.29	17.37	18.5	0					
20	64QAM	1	99	17.43	17.31	17.36							
20	64QAM	50	0	17.28	17.29	17.31							
20	64QAM	50	24	17.41	17.31	17.30	18.5	0					
20	64QAM	50	50	17.30	17.28	17.31							
20	64QAM	100	0	17.28	17.24	17.31							
Channel				20825	21100	21375	Turn- up limit						
Frequency (MHz)				2507.5	2535	2562.5							
15	QPSK	1	0	17.49	17.61	17.57	18.5	0					
15	QPSK	1	37	17.56	17.68	17.66							
15	QPSK	1	74	17.60	17.65	17.55							
15	QPSK	36	0	17.38	17.53	17.53	18.5	0					
15	QPSK	36	20	17.46	17.52	17.60							
15	QPSK	36	39	17.49	17.36	17.49							
15	QPSK	75	0	17.23	17.37	17.14	18.5	0					
15	16QAM	1	0	17.41	17.36	17.36							
15	16QAM	1	37	17.54	17.37	17.37							
15	16QAM	1	74	17.11	17.07	17.20	18.5	0					
15	16QAM	36	0	17.26	17.13	17.35							
15	16QAM	36	20	17.11	17.08	17.22							
15	16QAM	36	39	17.22	17.33	17.23	18.5	0					
15	16QAM	75	0	17.19	17.12	17.25							
15	64QAM	1	0	17.36	17.35	17.10							
15	64QAM	1	37	17.34	17.16	17.25	18.5	0					
15	64QAM	1	74	17.35	17.18	17.27							
15	64QAM	36	0	17.18	17.24	17.20							
15	64QAM	36	20	17.37	17.27	17.16	18.5	0					
15	64QAM	36	39	17.18	17.12	17.25							
15	64QAM	75	0	17.17	17.10	17.16							
Channel				20800	21100	21400	Turn- up limit						
Frequency (MHz)				2505	2535	2565							
10	QPSK	1	0	17.54	17.66	17.52	18.5	0					
10	QPSK	1	25	17.61	17.69	17.68							
10	QPSK	1	49	17.60	17.59	17.54							
10	QPSK	25	0	17.43	17.58	17.53	18.5	0					
10	QPSK	25	12	17.52	17.47	17.58							
10	QPSK	25	25	17.42	17.36	17.43							
10	QPSK	50	0	17.23	17.36	17.19	18.5	0					
10	16QAM	1	0	17.41	17.38	17.37							
10	16QAM	1	25	17.51	17.40	17.39							
10	16QAM	1	49	17.10	17.09	17.21	18.5	0					
10	16QAM	25	0	17.37	17.09	17.38							
10	16QAM	25	12	17.20	17.11	17.22							
10	16QAM	25	25	17.27	17.32	17.33	18.5	0					
10	16QAM	50	0	17.09	17.13	17.25							
10	64QAM	1	0	17.35	17.31	17.15							
10	64QAM	1	25	17.30	17.17	17.29	18.5	0					
10	64QAM	1	49	17.34	17.24	17.21							
10	64QAM	25	0	17.14	17.18	17.19							
10	64QAM	25	12	17.26	17.20	17.18	18.5	0					
10	64QAM	25	25	17.19	17.14	17.24							
10	64QAM	50	0	17.19	17.13	17.17							
Channel				20775	21100	21425	Turn- up limit						
Frequency (MHz)				2502.5	2535	2567.5							
5	QPSK	1	0	17.52	17.64	17.56	18.5	0					
5	QPSK	1	12	17.52	17.60	17.66							
5	QPSK	1	24	17.58	17.65	17.64							
5	QPSK	12	0	17.48	17.59	17.51	18.5	0					
5	QPSK	12	7	17.52	17.44	17.51							
5	QPSK	12	13	17.43	17.44	17.53							
5	QPSK	25	0	17.24	17.35	17.13	18.5	0					
5	16QAM	1	0	17.40	17.30	17.37							
5	16QAM	1	12	17.53	17.41	17.46							
5	16QAM	1	24	17.19	17.09	17.27	18.5	0					
5	16QAM	12	0	17.37	17.12	17.35							
5	16QAM	12	7	17.20	17.05	17.15							
5	16QAM	12	13	17.22	17.31	17.23	18.5	0					
5	16QAM	25	0	17.19	17.08	17.17							
5	64QAM	1	0	17.37	17.25	17.10							
5	64QAM	1	12	17.33	17.23	17.25	18.5	0					
5	64QAM	1	24	17.32	17.16	17.29							
5	64QAM	12	0	17.22	17.15	17.22							
5	64QAM	12	13	17.32	17.17	17.17	18.5	0					
5	64QAM	25	0	17.20	17.19	17.19							

Band 13 Ant4 DSI 1									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0	22.31			23	0	
10	QPSK	1	25	22.24					
10	QPSK	1	49	22.23					
10	QPSK	25	0	22.18			23	0	
10	QPSK	25	12	22.12					
10	QPSK	25	25	22.12					
10	QPSK	50	0	22.05			23	0	
10	16QAM	1	0	22.01					
10	16QAM	1	25	22.03					
10	16QAM	1	49	21.79			23	0	
10	16QAM	25	0	22.28					
10	16QAM	25	12	22.26					
10	16QAM	25	25	22.28			23	0	
10	16QAM	50	0	21.73					
10	64QAM	1	0	21.67					
10	64QAM	1	25	21.59			23	0	
10	64QAM	1	49	21.64					
10	64QAM	25	0	20.63					
10	64QAM	25	12	20.56			22	1	
10	64QAM	25	25	20.59					
10	64QAM	50	0	20.53					
Channel				23205	23230	23255	Tune-up limit	MPR	
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)	
5	QPSK	1	0	22.15	22.26	22.11	23	0	
5	QPSK	1	12	22.23	22.17	22.20			
5	QPSK	1	24	22.14	22.23	22.17			
5	QPSK	12	0	21.98	22.07	22.16	23	0	
5	QPSK	12	7	22.13	22.03	22.08			
5	QPSK	12	13	22.02	21.97	21.97			
5	QPSK	25	0	21.81	21.94	21.74	23	0	
5	16QAM	1	0	22.05	21.89	21.89			
5	16QAM	1	12	22.04	21.87	21.93			
5	16QAM	1	24	21.76	21.72	21.73	23	0	
5	16QAM	12	0	21.90	21.70	21.84			
5	16QAM	12	7	21.68	21.61	21.75			
5	16QAM	12	13	21.98	21.81	21.87	23	0	
5	16QAM	25	0	21.77	21.80	21.78			
5	64QAM	1	0	21.88	21.86	21.71			
5	64QAM	1	12	21.90	21.82	21.97	23	0	
5	64QAM	1	24	21.95	21.75	21.86			
5	64QAM	12	0	20.52	20.51	20.52			
5	64QAM	12	7	20.40	20.42	20.50	22	1	
5	64QAM	12	13	20.48	20.45	20.49			
5	64QAM	25	0	20.40	20.39	20.37			

Band 38 Ant4 DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.88	19.79	19.68	20.5	0	
20	QPSK	1	49	19.66	19.66	19.71			
20	QPSK	1	99	19.68	19.77	19.62			
20	QPSK	50	0	19.49	19.72	19.66			
20	QPSK	50	24	19.66	19.55	19.67	20.5	0	
20	QPSK	50	50	19.66	19.53	19.55			
20	QPSK	100	0	19.38	19.55	19.28			
20	16QAM	1	0	19.53	19.45	19.47			
20	16QAM	1	49	19.55	19.42	19.52	20.5	0	
20	16QAM	1	99	19.20	19.13	19.33			
20	16QAM	50	0	19.38	19.27	19.35			
20	16QAM	50	24	19.27	19.28	19.29			
20	16QAM	50	50	19.45	19.40	19.40	20.5	0	
20	16QAM	100	0	19.21	19.30	19.38			
20	64QAM	1	0	19.36	19.34	19.17			
20	64QAM	1	49	19.40	19.25	19.48			
20	64QAM	1	99	19.49	19.24	19.38	20.5	0	
20	64QAM	50	0	19.30	19.26	19.27			
20	64QAM	50	24	19.43	19.37	19.25			
20	64QAM	50	50	19.27	19.27	19.35			
20	64QAM	100	0	19.29	19.15	19.35	Tune-up limit	MPR (dB)	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.59	19.58	19.56	20.5	0	
15	QPSK	1	37	19.54	19.59	19.64			
15	QPSK	1	74	19.60	19.69	19.56			
15	QPSK	36	0	19.40	19.58	19.54			
15	QPSK	36	20	19.58	19.43	19.60	20.5	0	
15	QPSK	36	39	19.52	19.39	19.41			
15	QPSK	75	0	19.27	19.40	19.18			
15	16QAM	1	0	19.37	19.30	19.39			
15	16QAM	1	37	19.45	19.31	19.46	20.5	0	
15	16QAM	1	74	19.12	19.07	19.18			
15	16QAM	36	0	19.34	19.13	19.31			
15	16QAM	36	20	19.15	19.16	19.13			
15	16QAM	36	39	19.33	19.28	19.29	20.5	0	
15	16QAM	75	0	19.12	19.19	19.23			
15	64QAM	1	0	19.27	19.18	19.09			
15	64QAM	1	37	19.34	19.16	19.35			
15	64QAM	1	74	19.42	19.20	19.27	20.5	0	
15	64QAM	36	0	19.19	19.13	19.20			
15	64QAM	36	20	19.28	19.29	19.11			
15	64QAM	36	39	19.17	19.14	19.25			
15	64QAM	75	0	19.16	19.08	19.21	Tune-up limit	MPR (dB)	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.62	19.67	19.56	20.5	0	
10	QPSK	1	25	19.60	19.53	19.70			
10	QPSK	1	49	19.60	19.72	19.47			
10	QPSK	25	0	19.43	19.60	19.61			
10	QPSK	25	12	19.53	19.41	19.63	20.5	0	
10	QPSK	25	25	19.53	19.44	19.44			
10	QPSK	50	0	19.24	19.47	19.16			
10	16QAM	1	0	19.49	19.29	19.41			
10	16QAM	1	25	19.43	19.26	19.45	20.5	0	
10	16QAM	1	49	19.06	19.03	19.22			
10	16QAM	25	0	19.30	19.12	19.29			
10	16QAM	25	12	19.17	19.24	19.18			
10	16QAM	25	25	19.33	19.30	19.34	20.5	0	
10	16QAM	50	0	19.07	19.21	19.25			
10	64QAM	1	0	19.24	19.25	19.13			
10	64QAM	1	25	19.32	19.15	19.35			
10	64QAM	1	49	19.37	19.14	19.31	20.5	0	
10	64QAM	25	0	19.23	19.14	19.21			
10	64QAM	25	12	19.27	19.21	19.16			
10	64QAM	25	25	19.19	19.20	19.24			
10	64QAM	50	0	19.17	19.02	19.28	Tune-up limit	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	19.52	19.64	19.54	20.5	0	
5	QPSK	1	12	19.57	19.55	19.72			
5	QPSK	1	24	19.60	19.67	19.58			
5	QPSK	12	0	19.43	19.66	19.57			
5	QPSK	12	7	19.55	19.51	19.59	20.5	0	
5	QPSK	12	13	19.52	19.48	19.43			
5	QPSK	25	0	19.23	19.41	19.19			
5	16QAM	1	0	19.47	19.33	19.32			
5	16QAM	1	12	19.39	19.27	19.39	20.5	0	
5	16QAM	1	24	19.06	19.05	19.24			
5	16QAM	12	0	19.25	19.23	19.19			
5	16QAM	12	7	19.18	19.17	19.20			
5	16QAM	12	13	19.35	19.29	19.34	20.5	0	
5	16QAM	25	0	19.07	19.20	19.32			
5	64QAM	1	0	19.26	19.28	19.13			
5	64QAM	1	12	19.30	19.10	19.40			
5	64QAM	1	24	19.40	19.19	19.34	20.5	0	
5	64QAM	12	0	19.14	19.20	19.13			
5	64QAM	12	7	19.34	19.29	19.14			
5	64QAM	12	13	19.12	19.12	19.25			
5	64QAM	25	0	19.24	19.05	19.26	Tune-up limit	MPR (dB)	

Band 41 Ant4 DSI 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.57	19.66	19.75	19.63	19.65	20.5	0
20	QPSK	1	49	19.64	19.65	19.71	19.67	19.74		
20	QPSK	1	99	19.62	19.62	19.65	19.59	19.62		
20	QPSK	50	0	19.47	19.49	19.65	19.62	19.56		
20	QPSK	50	24	19.58	19.60	19.51	19.60	19.53	20.5	0
20	QPSK	50	50	19.53	19.57	19.52	19.61	19.59		
20	QPSK	100	0	19.34	19.36	19.52	19.31	19.27		
20	16QAM	1	0	19.47	19.49	19.37	19.47	19.41		
20	16QAM	1	49	19.58	19.59	19.43	19.45	19.41	20.5	0
20	16QAM	1	99	19.17	19.25	19.10	19.27	19.36		
20	16QAM	50	0	19.44	19.36	19.19	19.34	19.35		
20	16QAM	50	24	19.23	19.25	19.25	19.22	19.30		
20	16QAM	50	50	19.37	19.32	19.36	19.37	19.35	20.5	0
20	16QAM	100	0	19.18	19.28	19.19	19.27	19.38		
20	64QAM	1	0	19.38	19.35	19.36	19.13	19.22		
20	64QAM	1	49	19.37	19.38	19.17	19.43	19.45		
20	64QAM	1	99	19.49	19.48	19.30	19.38	19.37	20.5	0
20	64QAM	50	0	19.18	19.18	19.25	19.27	19.30		
20	64QAM	50	24	19.45	19.38	19.33	19.30	19.30		
20	64QAM	50	50	19.20	19.21	19.30	19.35	19.34		
20	64QAM	100	0	19.25	19.24	19.24	19.32	19.40	Tune-up limit	MPR (dB)
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.44	19.54	19.65	19.45	19.57	21	0
15	QPSK	1	37	19.49	19.60	19.60	19.53	19.64		
15	QPSK	1	74	19.55	19.47	19.60	19.53	19.51		
15	QPSK	36	0	19.31	19.41	19.57	19.50	19.44		
15	QPSK	36	20	19.45	19.38	19.54	19.47	19.48	20.5	0
15	QPSK	36	39	19.38	19.44	19.45	19.47	19.54		
15	QPSK	75	0	19.18	19.21	19.42	19.18	19.22		
15	16QAM	1	0	19.39	19.35	19.28	19.32	19.26		
15	16QAM	1	37	19.48	19.46	19.36	19.29	19.31	20.5	0
15	16QAM	1	74	19.02	19.10	19.02	19.22	19.31		
15	16QAM	36	0	19.35	19.26	19.07	19.20	19.22		
15	16QAM	36	20	19.09	19.17	19.14	19.16	19.16		
15	16QAM	36	39	19.24	19.19	19.24	19.32	19.27	20.5	0
15	16QAM	75	0	19.13	19.16	19.13	19.22	19.25		
15	64QAM	1	0	19.31	19.24	19.23	19.04	19.18		
15	64QAM	1	37	19.22	19.34	19.02	19.36	19.30		
15	64QAM	1	74	19.41	19.38	19.16	19.24	19.25	20.5	0
15	64QAM	36	0	19.06	19.08	19.15	19.17	19.21		
15	64QAM	36	20	19.35	19.32	19.21	19.19	19.21		
15	64QAM	36	39	19.14	19.10	19.10	19.26	19.18		
15	64QAM	75	0	19.15	19.13	19.12	19.23	19.30	Tune-up limit	MPR (dB)
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.51	19.59	19.65	19.51	19.61	21	0
10	QPSK	1	25	19.60	19.53	19.62	19.53	19.68		
10	QPSK	1	49	19.48	19.51	19.56	19.51	19.55		
10	QPSK	25	0	19.42	19.43	19.50	19.56	19.52		
10	QPSK	25	12	19.47	19.49	19.43	19.46	19.40	20.5	0
10	QPSK	25	25	19.44	19.43	19.48	19.48	19.47		
10	QPSK	50	0	19.19	19.24	19.40	19.23	19.12		
10	16QAM	1	0	19.32	19.35	19.32	19.38	19.32		
10	16QAM	1	25	19.43	19.52	19.29	19.31	19.30	20.5	0
10	16QAM	1	49	19.10	19.18	19.00	19.20	19.23		
10	16QAM	25	0	19.29	19.25	19.25	19.25	19.28		
10	16QAM	25	12	19.06	19.10	19.21	19.11	19.19		
10	16QAM	25	25	19.32	19.27	19.31	19.27	19.21	20.5	0
10	16QAM	50	0	19.12	19.18	19.07	19.19	19.30		
10	64QAM	1	0	19.32	19.26	19.21	19.09	19.12		
10	64QAM	1	25	19.28	19.24	19.11	19.31	19.38		
10	64QAM	1	49	19.37	19.34	19.23	19.22	19.22	20.5	0
10	64QAM	25	0	19.13	19.08	19.17	19.15	19.24		
10	64QAM	25	12	19.38	19.29	19.17	19.15	19.24		
10	64QAM	25	25	19.10	19.08	19.19	19.28	19.22		
10	64QAM	50	0	19.18	19.15	19.19	19.20	19.26	Tune-up limit	MPR (dB)
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2643.0	2687.5		
5	QPSK	1	0	19.52	19.52	19.64	19.50	19.58	21	0
5	QPSK	1	12	19.49	19.55	19.56	19.55	19.64		
5	QPSK	1	24	19.41	19.50	19.52	19.52	19.58		
5	QPSK	12	0	19.39	19.42	19.50	19.51	19.47		
5	QPSK	12	7	19.54	19.47	19.36	19.53	19.46	20.5	0
5	QPSK	12	13	19.45	19.44	19.47	19.46	19.45		
5	QPSK	25	0	19.24	19.21	19.39	19.24	19.18		
5	QPSK	1	0	19.37	19.40	19.28	19.42	19.33		
5	16QAM	1	12	19.52	19.50	19.28	19.34	19.34	20.5	0
5	16QAM	1	24	19.04	19.15	19.06	19.18	19.28		
5	16QAM	12	0	19.28	19.22	19.06	19.27	19.21		
5	16QAM	12	7	19.08	19.15	19.16	19.08	19.17		
5	16QAM	12	13	19.23	19.19	19.21	19.28	19.20	20.5	0
5	16QAM	25	0	19.06	19.13	19.09	19.17	19.29		
5	84QAM	1	0	19.23	19.25	19.27	19.01	19.17		
5	84QAM	1	12	19.28	19.26	19.07	19.34	19.33		
5	84QAM	1	24	19.34	19.35	19.19	19.25	19.24	20.5	0
5	84QAM	12	7	19.06	19.05	19.15	19.12	19.19		
5	84QAM	12	7	19.31	19.24	19.20	19.16	19.20		
5	84QAM	12	13	19.15	19.10	19.18	19.22	19.20		
5	84QAM	25	0	19.11	19.18	19.14	19.17	19.38		

Reduced Power Mode for DSI2

Reduced Power Mode for DSI2											
GSM850 Ant1 DSI 2											
		Burst Average Power (dbm)			Tune-up		Frame-Average Power (dbm)			Tune-up	
TX Channel		128	189	251	Limit		128	189	251	Limit	
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot		32.01	32.02	31.88	33.50		23.01	23.02	22.98	24.50	
GPRS 1 Tx slot		32.04	32.06	32.03	33.50		23.04	23.06	23.03	24.50	
GPRS 2 Tx slots		30.48	30.49	30.45	31.50		24.48	24.49	24.45	25.50	
GPRS 3 Tx slots		28.65	28.62	28.56	29.50		24.39	24.36	24.30	25.24	
GPRS 4 Tx slots		26.66	26.61	26.52	27.00		23.66	23.61	23.52	24.00	
EDGE 1 Tx slot		26.27	26.33	26.26	26.00		17.27	17.33	17.26	19.00	
EDGE 2 Tx slots		23.07	23.02	23.10	25.00		17.07	17.02	17.10	19.00	
EDGE 3 Tx slots		21.21	21.21	21.22	23.20		16.98	16.95	16.96	18.94	
EDGE 4 Tx slots		20.37	20.44	20.28	22.00		17.37	17.44	17.28	19.00	

		GSM1900 Ant1 DSI 2									
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)		Frame Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel		512	661	810	Limit (dBm)		512	661	810	Limit (dBm)	
Frequency (MHz)		1850.2	1860	1909.8			1850.2	1860	1909.8		
GSM 1 Tx slot		28.76	28.74	28.76	30.50		19.76	19.74	19.76	21.50	
GPRS 1 Tx slot		28.79	28.76	28.78	30.50		19.79	19.76	19.78	21.50	
GPRS 2 Tx slots		27.19	27.34	27.45	28.50		21.19	21.34	21.45	22.50	
GPRS 3 Tx slots		25.19	25.34	25.42	26.50		20.93	21.08	21.16	22.24	
GPRS 4 Tx slots		23.15	23.30	23.41	24.50		20.15	20.30	20.41	21.50	
EDGE 1 Tx slot		25.58	25.63	25.70	27.00		16.58	16.63	16.70	18.00	
EDGE 2 Tx slots		22.74	22.85	22.73	24.00		16.74	16.85	16.73	18.00	
EDGE 3 Tx slots		20.71	20.86	20.80	22.20		16.45	16.60	16.54	17.94	
EDGE 4 Tx slots		19.62	19.64	19.61	21.00		16.62	16.64	16.61	18.00	

		WCDMA II Ant1 DSI 2				WCDMA IV Ant1 DSI 2				WCDMA V Ant1 DSI 2			
		WCDMA II				WCDMA IV				WCDMA V			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		9662	9600	9938		1537	1638	1738		4352	4402	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	23.39	23.40	23.39	25.00	23.47	23.40	23.59	25.00	23.81	23.81	23.68	25.00
3GPP Rel 99	RMC 12.2Kbps	23.42	23.47	23.41	25.00	23.47	23.62	23.61	25.00	23.87	23.92	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.39	22.51	24.00	22.48	22.52	22.73	24.00	22.91	22.86	22.79	24.00
3GPP Rel 6	HSDPA Subtest-2	22.45	22.37	22.47	24.00	22.39	22.37	22.66	24.00	22.83	22.74	22.68	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	21.91	21.96	23.50	21.95	21.97	22.14	23.50	22.39	22.29	22.29	23.50
3GPP Rel 6	HSDPA Subtest-4	21.92	21.90	21.87	23.50	21.95	21.92	22.16	23.50	22.36	22.25	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.38	22.45	24.00	22.43	22.40	22.60	24.00	22.83	22.85	22.67	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.30	22.32	24.00	22.35	22.34	22.61	24.00	22.75	22.78	22.68	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.89	21.80	21.95	23.50	21.92	21.89	22.10	23.50	22.39	22.15	22.22	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.84	21.88	23.50	21.82	21.81	22.01	23.50	22.32	22.23	22.10	23.50
3GPP Rel 6	HSUPA Subtest-1	22.38	22.28	22.36	24.00	22.30	22.38	22.55	24.00	22.75	22.68	22.71	24.00
3GPP Rel 6	HSUPA Subtest-2	20.50	20.42	20.44	22.00	20.43	20.41	20.69	22.00	20.86	20.85	20.77	22.00
3GPP Rel 6	HSUPA Subtest-3	21.54	21.56	21.54	23.00	21.57	21.58	21.69	23.00	21.98	21.87	21.80	23.00
3GPP Rel 6	HSUPA Subtest-4	20.47	20.29	20.34	22.00	20.38	20.36	20.63	22.00	20.78	20.75	20.72	22.00
3GPP Rel 6	HSUPA Subtest-5	22.44	22.37	22.46	24.00	22.41	22.45	22.62	24.00	22.82	22.69	22.75	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.03	20.03	21.50	20.02	20.06	20.23	21.50	20.48	20.35	20.34	21.50

Band 2 Ant1 DSI 2												
BW (MHz)	Modulat ion	RB Size (MHz)	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	24.20	24.14			25.5	0		
20	QPSK	1	49	24.03	24.07	23.94						
20	QPSK	1	99	23.97	24.05	23.90						
20	QPSK	50	0	23.05	23.11	23.00						
20	QPSK	50	24	22.97	23.05	22.96			24.5	1		
20	QPSK	50	50	23.04	23.07	23.01						
20	QPSK	100	0	22.89	22.95	22.86						
20	16QAM	1	0	22.84	22.89	22.60						
20	16QAM	1	49	22.54	22.57	22.53			24.5	1		
20	16QAM	1	99	22.53	22.62	22.58						
20	16QAM	50	0	22.05	22.10	21.96						
20	16QAM	50	24	21.99	22.01	21.88						
20	16QAM	50	50	21.94	22.04	21.95			23.5	2		
20	16QAM	100	0	22.04	22.11	22.01						
20	64QAM	1	0	21.85	21.95	21.92						
20	64QAM	1	49	21.73	21.87	21.83						
20	64QAM	1	99	21.76	21.88	21.76			23.5	2		
20	64QAM	50	0	20.54	20.65	20.51						
20	64QAM	50	24	20.52	20.62	20.51						
20	64QAM	50	50	20.52	20.57	20.59						
20	64QAM	100	0	20.53	20.60	20.51			22.5	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.09	24.05	24.00			25.5	0		
15	QPSK	1	37	23.86	24.00	23.81						
15	QPSK	1	74	23.90	23.95	23.82						
15	QPSK	36	0	22.93	23.00	22.96						
15	QPSK	36	20	22.91	22.95	22.87			24.5	1		
15	QPSK	36	39	22.98	23.00	22.98						
15	QPSK	75	0	22.78	22.83	22.72						
15	16QAM	1	0	22.58	22.58	22.54						
15	16QAM	1	37	22.50	22.57	22.60			24.5	1		
15	16QAM	1	74	22.56	22.53	22.51						
15	16QAM	36	0	22.01	21.99	21.83						
15	16QAM	36	20	21.76	21.90	21.79						
15	16QAM	36	39	21.84	21.91	21.88			23.5	2		
15	16QAM	75	0	21.29	21.29	21.26						
15	64QAM	1	0	21.81	21.88	21.80						
15	64QAM	1	37	21.60	21.81	21.78						
15	64QAM	1	74	21.73	21.78	21.66			23.5	2		
15	64QAM	36	0	20.50	20.50	20.52						
15	64QAM	36	20	20.53	20.52	20.54						
15	64QAM	36	39	20.61	20.51	20.54						
15	64QAM	75	0	20.57	20.53	20.53			22.5	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.12	24.07	24.08			25.5	0		
10	QPSK	1	25	23.92	23.95	23.79						
10	QPSK	1	49	23.85	23.95	23.83						
10	QPSK	25	0	22.91	22.98	22.92						
10	QPSK	25	12	22.92	23.01	22.86			24.5	1		
10	QPSK	25	25	23.00	22.97	22.92						
10	QPSK	50	0	22.78	22.88	22.72						
10	16QAM	1	0	22.60	22.60	22.50						
10	16QAM	1	25	22.54	22.51	22.59			24.5	1		
10	16QAM	1	49	22.65	22.51	22.54						
10	16QAM	25	0	21.96	21.96	21.85						
10	16QAM	25	12	21.85	21.93	21.75						
10	16QAM	25	25	21.83	21.90	21.84			23.5	2		
10	16QAM	50	0	21.92	22.04	21.92						
10	64QAM	1	0	21.77	21.90	21.87						
10	64QAM	1	25	21.69	21.79	21.70						
10	64QAM	1	49	21.62	21.82	21.63			23.5	2		
10	64QAM	25	0	20.50	20.52	20.57						
10	64QAM	25	12	20.60	20.54	20.53						
10	64QAM	25	25	20.57	20.53	20.62						
10	64QAM	50	0	20.58	20.55	20.55			22.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.08	24.07	24.03			25.5	0		
5	QPSK	1	12	23.96	23.96	23.90						
5	QPSK	1	24	23.84	23.90	23.85						
5	QPSK	12	0	22.97	22.98	22.91						
5	QPSK	12	7	22.88	22.99	22.94			24.5	1		
5	QPSK	12	13	22.90	22.96	22.96						
5	QPSK	25	0	22.76	22.88	22.74						
5	16QAM	1	0	22.50	22.55	22.52						
5	16QAM	1	12	22.59	22.59	22.56			24.5	1		
5	16QAM	1	24	22.61	22.50	22.50						
5	16QAM	12	0	21.97	22.00	21.88						
5	16QAM	12	7	21.85	21.97	21.76						
5	16QAM	12	13	21.91	21.89	21.90			23.5	2		
5	16QAM	25	0	21.94	22.07	21.89						
5	64QAM	1	0	21.73	21.87	21.82						
5	64QAM	1	12	21.61	21.80	21.76						
5	64QAM	1	24	21.64	21.84	21.72			23.5	2		
5	64QAM	12	0	20.62	20.51	20.57						
5	64QAM	12	7	20.55	20.58	20.62						
5	64QAM	12	13	20.54	20.61	20.53						
5	64QAM	25	0	20.54	20.54	20.56			22.5	3		
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.06	24.05	24.09			25.5	0		
3	QPSK	1	8	23.98	24.01	23.80						
3	QPSK	1	14	23.92	23.90	23.77						
3	QPSK	8	0	22.94	23.02	22.94						
3	QPSK	8	4	22.94	22.91	22.92			24.5	1		
3	QPSK	8	7	22.99	23.04	22.92						
3	QPSK	15	0	22.84	22.81	22.75						
3	16QAM	1	0	22.50	22.66	22.50						
3	16QAM	1	8	22.58	22.52	22.56			24.5	1		
3	16QAM	1	14	22.58	22.52	22.60						
3	16QAM	8	0	21.90	22.00	21.83						
3	16QAM	8	4	21.84	21.88	21.84						
3	16QAM	8	7	21.84	21.96	21.90			23.5	2		
3	16QAM	15	0	21.97	22.03	21.89						
3	64QAM	1	0	21.77	21.86	21.88						
3	64QAM	1	8	21.69	21.76	21.69						
3	64QAM	1	14	21.65	21.81	21.64			23.5	2		
3	64QAM	8	0	20.60	20.61	20.60						
3	64QAM	8	4	20.59	20.62	20.59						
3	64QAM	8	7	20.58	20.56	20.52						
3	64QAM	15	0	20.60	20.55	20.57			22.5	3		
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.02	24.12	23.99			25.5	0		
1.4	QPSK	1	3	23.96	24.04	23.90						
1.4	QPSK	1	6	23.93	23.93	23.83						
1.4	QPSK	3	0	24.09	24.05	24.08						
1.4	QPSK	3	1	23.95	24.02	23.81			24.5	1		
1.4	QPSK	3	3	23.84	24.01	23.81						
1.4	QPSK	6	0	22.88	22.93	22.94						
1.4	QPSK	6	1	22.88	22.89	22.90						
1.4	16QAM	1	0	22.90	22.93	22.88			24.5	1		
1.4	16QAM	1	5	22.90	22.99	22.85						
1.4	16QAM	3	0	22.91	22.96	22.89						
1.4	16QAM	3	1	22.89	22.93	22.87						
1.4	16QAM	6	0	21.97	22.07	21.98			23.5	2		
1.4	16QAM	6	1	22.01	22.01	21.93						
1.4	64QAM	1	0	22.01	22.01	21.89						
1.4	64QAM	1	3	21.95	22.08	21.96						
1.4	64QAM	3	0	21.89	22.03	21.89			23.5	2		
1.4	64QAM	3	1	21.90	21.97	21.87						
1.4	64QAM	6	0	21.92	21.97	21.87						
1.4	64QAM	6	1	21.92	21.98	21.91						
1.4	64QAM	6	0	20.52	20.58	20.51			22.5	3		

Band 7 Ant1 DSI 2									
BW (MHz)	Modulat ion	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)				2510	2535	2560			
20	QPSK	1	0	23.67	23.84	23.70			
20	QPSK	1	49	23.52	23.63	23.57	25	0	
20	QPSK	1	99	23.53	23.58	23.50			
20	QPSK	50	0	22.51	22.61	22.50			
20	QPSK	50	24	22.56	22.52	22.51	24	1	
20	QPSK	50	50	22.57	22.53	22.56			
20	QPSK	100	0	22.55	22.73	22.59			
20	16QAM	1	0	22.71	22.81	22.74			
20	16QAM	1	49	22.55	22.71	22.60	24	1	
20	16QAM	1	99	22.56	22.68	22.64			
20	16QAM	50	0	21.51	21.78	21.68			
20	16QAM	50	24	21.59	21.71	21.67	23	2	
20	16QAM	50	50	21.52	21.64	21.55			
20	16QAM	100	0	21.58	21.83	21.70			
20	64QAM	1	0	21.72	21.86	21.79			
20	64QAM	1	49	21.63	21.76	21.66	23	2	
20	64QAM	1	99	21.68	21.82	21.71			
20	64QAM	50	0	20.80	20.81	20.76			
20	64QAM	50	24	20.63	20.74	20.70			
20	64QAM	50	50	20.53	20.71	20.65	22	3	
20	64QAM	100	0	20.64	20.80	20.76			
Channel									
Frequency (MHz)				20825	21100	21375	Tune- up limit (dBm)	MPR (dB)	
15	QPSK	1	0	2507.5	2535	2562.5			
15	QPSK	1	37	23.52	23.57	23.51	25	0	
15	QPSK	1	74	23.54	23.52	23.53			
15	QPSK	36	0	22.57	22.54	22.65			
15	QPSK	36	20	22.51	22.57	22.54	24	1	
15	QPSK	36	39	22.54	22.56	22.62			
15	QPSK	75	0	22.62	22.59	22.55			
15	16QAM	1	0	21.51	21.74	21.62	24	1	
15	16QAM	1	37	22.51	22.63	22.53			
15	16QAM	1	74	22.64	22.55	22.53			
15	16QAM	36	0	21.80	21.71	21.52			
15	16QAM	36	20	21.59	21.59	21.64	23	2	
15	16QAM	36	39	21.52	21.52	21.60			
15	16QAM	75	0	21.51	21.74	21.62			
15	64QAM	1	0	21.64	21.74	21.71			
15	64QAM	1	37	21.56	21.63	21.59	23	2	
15	64QAM	1	74	21.57	21.78	21.61			
15	64QAM	36	0	20.54	20.68	20.71			
15	64QAM	36	20	20.58	20.60	20.65	22	3	
15	64QAM	36	39	20.64	20.56	20.51			
15	64QAM	75	0	20.57	20.71	20.54			
Channel									
Frequency (MHz)				20800	21100	21400	Tune- up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.63	23.75	23.64			
10	QPSK	1	25	23.52	23.59	23.52	25	0	
10	QPSK	1	49	23.51	23.53	23.50			
10	QPSK	25	0	22.58	22.52	22.55			
10	QPSK	25	12	22.64	22.64	22.63	24	1	
10	QPSK	25	25	22.56	22.58	22.58			
10	QPSK	50	0	22.52	22.59	22.57			
10	16QAM	1	0	22.64	22.77	22.68			
10	16QAM	1	25	22.62	22.62	22.52	24	1	
10	16QAM	1	49	22.63	22.56	22.55			
10	16QAM	25	0	21.54	21.66	21.60			
10	16QAM	25	12	21.58	21.62	21.62	23	2	
10	16QAM	25	25	21.62	21.51	21.55			
10	16QAM	50	0	21.54	21.70	21.64			
10	64QAM	1	0	21.65	21.74	21.72			
10	64QAM	1	25	21.57	21.65	21.61	23	2	
10	64QAM	1	49	21.65	21.68	21.61			
10	64QAM	25	0	20.57	20.72	20.64			
10	64QAM	25	12	20.64	20.66	20.57	22	3	
10	64QAM	25	25	20.53	20.64	20.58			
10	64QAM	50	0	20.59	20.68	20.68			
Channel									
Frequency (MHz)				20775	21100	21425	Tune- up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.56	23.72	23.57			
5	QPSK	1	12	23.51	23.54	23.51	25	0	
5	QPSK	1	24	23.52	23.52	23.51			
5	QPSK	12	0	22.54	22.55	22.63			
5	QPSK	12	7	22.62	22.55	22.59	24	1	
5	QPSK	12	13	22.61	22.61	22.61			
5	QPSK	25	0	22.51	22.63	22.55			
5	QPSK	1	0	22.85	22.87	22.89			
5	16QAM	1	12	22.61	22.62	22.52	24	1	
5	16QAM	1	24	22.56	22.60	22.55			
5	16QAM	12	0	21.60	21.72	21.58			
5	16QAM	12	7	21.53	21.66	21.58	23	2	
5	16QAM	12	13	21.61	21.61	21.55			
5	16QAM	25	0	21.56	21.78	21.59			
5	64QAM	1	0	21.58	21.83	21.65	23	2	
5	64QAM	1	12	21.59	21.70	21.58			
5	64QAM	1	24	21.59	21.79	21.66			
5	64QAM	12	0	20.56	20.78	20.61			
5	64QAM	12	7	20.60	20.62	20.62	22	3	
5	64QAM	12	13	20.59	20.60	20.62			
5	64QAM	25	0	20.53	20.77	20.66			

Band 13 Ant1 DSI 2									
BW (MHz)	Modulat ion	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)				762	782	802			
10	QPSK	1	0		24.27				
10	QPSK	1	25		24.20		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.27		24.5	1	
10	QPSK	25	25		23.18				
10	QPSK	50	0		23.23				
10	16QAM	1	0		22.75				
10	16QAM	1	25		22.68		24.5	1	
10	16QAM	1	49		22.67				
10	16QAM	25	0		22.45				
10	16QAM	25	12		22.38		23.5	2	
10	16QAM	25	25		22.31				
10	16QAM	50	0		22.22				
10	64QAM	1	0		21.83				
10	64QAM	1	25		21.70		23.5	2	
10	64QAM	1	49		21.71				
10	64QAM	25	0		20.68				
10	64QAM	25	12		20.58		22.5	3	
10	64QAM	25	25		20.60				
10	64QAM	50	0		20.73				
Channel									
Frequency (MHz)				23205	23230	23255	Tune- up limit (dBm)	MPR (dB)	
5	QPSK	1	0	24.23	24.24	24.14			
5	QPSK	1	12	24.09	24.12	24.05	25.5	0	
5	QPSK	1	24	24.13	24.09	24.18			
5	QPSK	12	0	23.17	23.27	23.19			
5	QPSK	12	7	23.19	23.12	23.23	24.5	1	
5	QPSK	12	13	23.06	23.08	23.06			
5	QPSK	25	0	23.18	23.10	23.18			
5	16QAM	1	0	22.67	22.70	22.65			
5	16QAM	1	12	22.64	22.57	22.65	24.5	1	
5	16QAM	1	24	22.60	22.55	22.52			
5	16QAM	12	0	22.36	22.32	22.41			
5	16QAM	12	7	22.31	22.25	22.30	23.5	2	
5	16QAM	12	13	22.25	22.23	22.17			
5	16QAM	25	0	22.19	22.12	22.09			
5	64QAM	1	0	21.77	21.79	21.76			
5	64QAM	1	12	21.65	21.58	21.58	23.5	2	
5	64QAM	1	24	21.66	21.59	21.63			
5	64QAM	12	0	20.63	20.57	20.56			
5	64QAM	12	7	20.54	20.54	20.61	22.5	3	
5	64QAM	12	13	20.61	20.55	20.56			
5	64QAM	25	0	20.67	20.61	20.69			

Band 26 Ant1 DSI 2									
BW (MHz)	Modulat ion	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)				821.5	831.5	841.5			
15	QPSK	1	0	24.25	24.57	24.41			
15	QPSK	1	37	24.20	24.50	24.34	25.5	0	
15	QPSK	1	74	24.23	24.50	24.39			
15	QPSK	36	0	23.31	23.34	23.32			
15	QPSK	36	20	23.27	23.30	23.31	24.5	1	
15	QPSK	36	39	23.18	23.24	23.26			
15	QPSK	75	0	23.23	23.26	23.24			
15	16QAM	1	0	22.75	23.49	22.90			
15	16QAM	1	37	22.68	23.38	22.76	24.5	1	
15	16QAM	1	74	22.67	23.36	22.75			
15	16QAM	36	0	22.45	22.28	22.55			
15	16QAM	36	20	22.38	22.20	22.50	23.5	2	
15	16QAM	36	39	22.32	22.25	22.45			
15	16QAM	75	0	22.22	22.22	22.36			
15	64QAM	1	0	21.83	21.92	21.92			
15	64QAM	1	37	21.70	21.87	21.80	23.5	2	
15	64QAM	1	74	21.71	21.77	21.81			
15	64QAM	36	0	20.88	21.29	20.81			
15	64QAM	36	20	20.88	21.25	20.71	22.5	3	
15	64QAM	36	39	20.80	21.17	20.68			
15	64QAM	75	0	20.73	20.74	20.81			
Channel									
Frequency (MHz)				819.0	828.5	838.0	Tune up limit	MPR (dB)	
10	QPSK	1	0	24.18	24.47	24.37			
10	QPSK	1	25	24.10	24.35	24.22	25.5	0	
10	QPSK	1	49	24.12	24.37	24.32			
10	QPSK	25	0	23.18	23.25	23.28	24.5	1	
10	QPSK	25	12	23.13	23.20	23.20			
10	QPSK	25	25	23.13	23.18	23.12			
10	QPSK	50	0	23.08	23.22	23.17	23.5	2	
10	16QAM	1	0	22.84	23.45	22.85			
10	16QAM	1	25	22.87	23.32	22.70	24.5	1	
10	16QAM	1	49	22.82	23.33	22.63			
10	16QAM	25	0	22.30	22.20	22.45			
10	16QAM	25	12	22.33	22.06	22.25	23.5	2	
10	16QAM	25	25	22.21	22.18	22.40			
10	16QAM	50	0	22.09	22.30	22.25			
10	64QAM	1	0	21.72	21.82	21.78			
10	64QAM	1	25	21.58	21.79	21.68	23.5	2	
10	64QAM	1	49	21.57	21.66	21.74			
10	64QAM	25	0	20.83	21.16	20.68			
10	64QAM	25	12	20.44	21.22	20.36	22.5	3	
10	64QAM	25	25	20.48	21.12	20.54			
10	64QAM	50	0	20.81	20.82	20.71			
Channel									
Frequency (MHz)				816.5	831.5	846.5	Tune up limit	MPR (dB)	
5	QPSK	1	0	24.12	24.50	24.30			
5	QPSK	1	12	24.05	24.40	24.20	25.5	0	
5	QPSK	1	24	24.11	24.46	24.27			
5	QPSK	12	0	23.16	23.27	23.27	24.5	1	
5	QPSK	12	7	23.19	23.22	23.24			
5	QPSK	12	13	23.06	23.17	23.28			
5	QPSK	25	0	23.18	23.21	23.14	24.5	2	
5	16QAM	1	0	22.82	23.44	22.76			
5	16QAM	1	12	22.54	23.32	22.61	24.5	1	
5	16QAM	1	24	22.53	23.30	22.66			
5	16QAM	12	0	22.32	22.21	22.47	23.5	2	
5	16QAM	12	7	22.26	22.08	22.37			
5	16QAM	12	13	22.25	22.22	22.31			
5	16QAM	25	0	22.18	22.37	22.24	23.5	2	
5	64QAM	1	0	21.73	21.79	21.82			
5	64QAM	1	12	21.61	21.79	21.68	23.5	2	
5	64QAM	1	24	21.62	21.73	21.67			
5	64QAM	12	0	20.81	21.16	20.72			
5	64QAM	12	7	20.80	21.12	20.67	22.5	3	
5	64QAM	12	13	20.67	21.09	20.64			
5	64QAM	25	0	20.83	20.85	20.71			
Channel									
Frequency (MHz)				826.05	868.65	870.25	Tune up limit	MPR (dB)	
3	QPSK	1	0	24.17	24.48	24.29			
3	QPSK	1	8	24.11	24.43	24.22	25.5	0	
3	QPSK	8	0	24.13	24.44	24.24			
3	QPSK	8	0	23.18	23.22	23.18	24.5	1	
3	QPSK	8	4	23.18	23.24	23.27			
3	QPSK	15	0	23.13	23.14	23.13			
3	16QAM	1	0	22.84	23.38	22.78	24.5	1	
3	16QAM	8	0	22.84	23.29	22.63			
3	16QAM	1	14	22.55	23.28	22.71			
3	16QAM	8	0	22.40	22.24	22.50	23.5	2	
3	16QAM	8	4	22.27	22.05	22.42			
3	16QAM	8	7	22.25	22.15	22.36			
3	16QAM	15	0	22.13	22.35	22.26	23.5	2	
3	64QAM	1	8	21.89	21.74	21.75	23.5	2	
3	64QAM	1	14	21.61	21.68	21.67			
3	64QAM	8	0	20.80	21.17	20.73			
3	64QAM	8	4	20.49	21.10	20.67			
3	64QAM	8	7	20.49	21.06	20.63	22.5	3	
3	64QAM	15	0	20.70	20.70	20.68			
Channel									
Frequency (MHz)				850.07	869.65	870.33	Tune up limit	MPR (dB)	
1.4	QPSK	1	0	24.21	24.34	24.21			
1.4	QPSK	1	3	23.99	23.91	23.93	25.5	0	
1.4	QPSK	1	5	23.86	24.01	23.84			
1.4	QPSK	3	0	24.26	24.26	24.20			
1.4	QPSK	3	1	23.38	23.98	24.00			
1.4	QPSK	3	3	24.24	24.24	23.84	24.5	1	
1.4	QPSK	6	0	23.24	23.17	23.06			
1.4	16QAM	1	3	23.30	23.26	23.22			
1.4	16QAM	1	5	23.17	23.26	23.21	24.5	1	
1.4	16QAM	3	0	23.29	23.29	23.19			
1.4	16QAM	3	1	23.23	23.23	23.21			
1.4	16QAM	3	3	23.20	23.19	23.16			
1.4	16QAM	6	0	22.38	22.48	22.39	23.5	2	
1.4	64QAM	1	0	22.37	22.51	22.42			
1.4	64QAM	1	3	22.36	22.42	22.44			
1.4	64QAM	1	5	22.41	22.40	22.41	23.5	2	
1.4	64QAM	3	0	22.41	22.42	22.40			
1.4	64QAM	3	1	22.41	22.46	22.42			
1.4	64QAM	3	3	22.42	22.41	22.44			
1.4	64QAM	6	0	20.77	20.93	20.84	22.5	3	

Band 38 Ant1 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.17	24.27	24.22	25	0	
20	QPSK	1	49	24.12	24.20	24.15			
20	QPSK	1	99	24.08	24.18	24.11			
20	QPSK	50	0	22.85	22.96	22.91			
20	QPSK	50	24	22.85	22.90	22.83	24	1	
20	QPSK	50	50	22.84	22.93	22.88			
20	QPSK	100	0	22.69	22.76	22.70			
20	16QAM	1	0	22.73	22.88	22.80			
20	16QAM	1	49	22.64	22.75	22.67	24	1	
20	16QAM	1	99	22.72	22.78	22.73			
20	16QAM	50	0	21.92	21.98	21.87			
20	16QAM	50	24	21.73	21.85	21.72			
20	16QAM	50	50	21.73	21.85	21.77	23	2	
20	16QAM	100	0	22.83	22.86	22.81			
20	64QAM	1	0	21.68	21.75	21.65			
20	64QAM	1	49	21.66	21.70	21.62			
20	64QAM	1	99	21.57	21.62	21.58	23	2	
20	64QAM	50	0	21.08	21.17	21.04			
20	64QAM	50	24	20.96	21.05	20.95			
20	64QAM	50	50	20.91	21.05	21.01			
20	64QAM	100	0	21.46	21.51	21.38	22	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.04	24.22	24.19	25	0	
15	QPSK	1	37	24.08	24.10	24.11			
15	QPSK	1	74	24.04	24.13	24.07			
15	QPSK	36	0	22.71	22.82	22.83			
15	QPSK	36	20	22.71	22.81	22.73	24	1	
15	QPSK	36	39	22.78	22.82	22.83			
15	QPSK	75	0	22.56	22.68	22.64			
15	16QAM	1	0	22.65	22.82	22.72			
15	16QAM	1	37	22.54	22.70	22.53	24	1	
15	16QAM	1	74	22.68	22.66	22.67			
15	16QAM	36	0	21.84	21.88	21.78			
15	16QAM	36	20	21.59	21.78	21.64			
15	16QAM	36	39	21.67	21.73	21.71	23	2	
15	16QAM	75	0	22.73	22.72	22.78			
15	64QAM	1	0	21.59	21.69	21.59			
15	64QAM	1	37	21.62	21.58	21.58			
15	64QAM	1	74	21.43	21.54	21.43	23	2	
15	64QAM	36	0	21.00	21.05	20.95			
15	64QAM	36	20	20.89	20.98	20.83			
15	64QAM	36	39	20.87	20.99	20.87			
15	64QAM	75	0	21.40	21.41	21.34	22	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.06	24.20	24.13	25	0	
10	QPSK	1	25	24.07	24.17	24.09			
10	QPSK	1	49	23.98	24.13	24.01			
10	QPSK	25	0	22.75	22.89	22.88			
10	QPSK	25	12	22.80	22.78	22.72	24	1	
10	QPSK	25	25	22.81	22.89	22.80			
10	QPSK	50	0	22.63	22.71	22.60			
10	16QAM	1	0	22.69	22.76	22.73			
10	16QAM	1	25	22.54	22.63	22.52	24	1	
10	16QAM	1	49	22.67	22.64	22.68			
10	16QAM	25	0	21.79	21.95	21.76			
10	16QAM	25	12	21.82	21.75	21.81			
10	16QAM	25	25	21.64	21.77	21.66	23	2	
10	16QAM	50	0	22.77	22.74	22.74			
10	64QAM	1	0	21.59	21.64	21.61			
10	64QAM	1	25	21.61	21.61	21.50			
10	64QAM	1	49	21.42	21.53	21.50	23	2	
10	64QAM	25	0	20.99	21.07	21.00			
10	64QAM	25	12	20.93	21.02	20.86			
10	64QAM	25	25	20.88	21.02	20.93			
10	64QAM	50	0	21.37	21.48	21.33	22	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	24.11	24.22	24.13	25	0	
5	QPSK	1	12	24.06	24.11	24.04			
5	QPSK	1	24	24.00	24.14	24.01			
5	QPSK	12	0	22.73	22.91	22.85			
5	QPSK	12	7	22.77	22.75	22.76	24	1	
5	QPSK	12	13	22.79	22.89	22.81			
5	QPSK	25	0	22.57	22.66	22.57			
5	16QAM	1	0	22.61	22.76	22.75			
5	16QAM	1	12	22.54	22.62	22.60	24	1	
5	16QAM	1	24	22.58	22.64	22.70			
5	16QAM	12	0	21.86	21.84	21.84			
5	16QAM	12	7	21.59	21.74	21.59			
5	16QAM	12	13	21.68	21.79	21.63	23	2	
5	16QAM	25	0	22.75	22.75	22.76			
5	64QAM	1	0	21.55	21.67	21.50			
5	64QAM	1	12	21.58	21.65	21.57			
5	64QAM	1	24	21.44	21.51	21.49	23	2	
5	64QAM	12	0	20.99	21.13	20.94			
5	64QAM	12	7	20.88	20.97	20.81			
5	64QAM	12	13	20.84	20.93	20.89			
5	64QAM	25	0	21.34	21.43	21.27	22	3	

Band 41 Ant1 DSI 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.80	23.67	24.11	23.91	24.04	25	0
20	QPSK	1	49	23.74	23.66	24.04	23.88	23.99		
20	QPSK	1	99	23.74	23.73	24.07	23.89	23.99		
20	QPSK	50	0	22.78	22.65	23.06	22.88	22.99	24	1
20	QPSK	50	24	22.75	22.60	22.99	22.86	22.90		
20	QPSK	50	50	22.78	22.66	23.01	22.87	22.95		
20	QPSK	100	0	22.69	22.58	22.94	22.86	22.87	24	2
20	16QAM	1	0	22.68	22.60	22.95	22.80	22.82		
20	16QAM	1	49	22.55	22.42	22.85	22.69	22.81		
20	16QAM	1	99	22.63	22.48	22.87	22.70	22.73	23	2
20	16QAM	50	0	21.96	21.81	22.25	22.14	22.16		
20	16QAM	50	24	21.80	21.80	22.14	22.01	22.09		
20	16QAM	50	50	21.83	21.75	22.13	22.03	22.07	22	3
20	16QAM	100	0	21.90	21.73	22.16	22.07	22.04		
20	64QAM	1	0	21.79	21.71	22.09	22.01	21.94		
20	64QAM	1	49	21.67	21.55	21.95	21.82	21.84	23	2
20	64QAM	1	99	21.74	21.58	21.99	21.86	21.85		
20	64QAM	50	0	20.90	20.85	21.23	21.09	21.13		
20	64QAM	50	24	20.88	20.76	21.13	20.94	21.04	22	3
20	64QAM	50	50	20.87	20.72	21.16	21.05	21.07		
20	64QAM	100	0	20.94	20.82	21.18	21.00	21.10		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2543.3	2593	2637.6	2692.5	Tune-up limit	MPR (dB)
15	QPSK	1	0	23.70	23.54	24.00	23.84	23.92	25	0
15	QPSK	1	37	23.61	23.59	23.96	23.75	23.89		
15	QPSK	1	74	23.66	23.69	23.94	23.75	23.85		
15	QPSK	36	0	22.66	22.57	22.93	22.75	22.85	24	1
15	QPSK	36	20	22.67	22.55	22.88	22.79	22.81		
15	QPSK	36	39	22.71	22.51	22.91	22.73	22.89		
15	QPSK	75	0	22.61	22.50	22.88	22.72	22.78	24	1
15	16QAM	1	0	22.58	22.47	22.80	22.74	22.74		
15	16QAM	1	37	22.51	22.32	22.71	22.62	22.69		
15	16QAM	1	74	22.48	22.42	22.79	22.60	22.59	23	2
15	16QAM	36	0	21.85	21.69	22.11	22.07	22.03		
15	16QAM	36	20	21.74	21.69	22.05	21.90	21.98		
15	16QAM	36	29	21.73	21.71	22.05	21.91	22.04	23	2
15	16QAM	75	0	21.79	21.60	22.04	21.95	21.99		
15	64QAM	1	0	21.70	21.67	21.98	21.96	21.82		
15	64QAM	1	37	21.63	21.47	21.88	21.75	21.77	23	2
15	64QAM	1	74	21.61	21.52	21.90	21.81	21.80		
15	64QAM	36	0	20.82	20.71	21.15	20.97	21.03		
15	64QAM	36	20	20.77	20.72	21.10	20.79	20.96	22	3
15	64QAM	36	39	20.77	20.60	21.07	21.01	20.97		
15	64QAM	75	0	20.80	20.75	21.13	20.94	21.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.75	23.56	23.98	23.82	23.96	25	0
10	QPSK	1	25	23.69	23.62	23.95	23.77	23.90		
10	QPSK	1	49	23.71	23.60	23.96	23.77	23.85		
10	QPSK	25	0	22.66	22.54	23.03	22.80	22.84	24	1
10	QPSK	25	12	22.71	22.55	22.92	22.72	22.87		
10	QPSK	25	25	22.71	22.56	22.87	22.72	22.91		
10	QPSK	50	0	22.58	22.53	22.84	22.79	22.76	23	2
10	16QAM	1	0	22.58	22.54	22.89	22.66	22.70		
10	16QAM	1	25	22.40	22.30	22.72	22.60	22.68		
10	16QAM	1	49	22.49	22.35	22.74	22.59	22.58	23	2
10	16QAM	25	0	21.83	21.77	22.28	22.07	22.10		
10	16QAM	25	12	21.74	21.72	22.09	21.91	22.06		
10	16QAM	25	25	21.76	21.69	22.00	21.95	22.01	23	2
10	16QAM	50	0	21.78	21.68	22.04	21.99	21.92		
10	64QAM	1	0	21.70	21.68	22.02	21.90	21.80		
10	64QAM	1	25	21.57	21.43	21.83	21.73	21.75	23	2
10	64QAM	1	49	21.64	21.52	21.86	21.78	21.71		
10	64QAM	25	0	20.86	20.79	21.11	20.96	21.10		
10	64QAM	25	12	20.78	20.64	21.00	20.87	20.99	22	3
10	64QAM	25	25	20.76	20.58	21.03	20.92	21.00		
10	64QAM	50	0	20.84	20.72	21.15	20.86	21.04		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2544.8	2593	2643.9	2697.5		
5	QPSK	1	0	23.74	23.63	24.04	23.86	23.97	25	0
5	QPSK	1	12	23.71	23.56	23.97	23.82	23.85		
5	QPSK	1	24	23.62	23.59	24.03	23.82	23.89		
5	QPSK	12	0	22.75	22.54	23.03	22.81	22.88	24	1
5	QPSK	12	7	22.63	22.56	22.88	22.74	22.84		
5	QPSK	12	13	22.75	22.52	22.87	22.78	22.92		
5	QPSK	25	0	22.58	22.49	22.90	22.79	22.74	24	1
5	16QAM	1	0	22.61	22.52	22.84	22.66	22.76		
5	16QAM	1	12	22.47	22.38	22.79	22.60	22.67		
5	16QAM	1	24	22.58	22.41	22.73	22.66	22.65	23	2
5	16QAM	12	0	21.87	21.76	22.19	22.10	22.08		
5	16QAM	12	7	21.68	21.65	22.06	21.91	21.99		
5	16QAM	12	13	21.78	21.67	22.09	21.98	21.94	23	2
5	16QAM	25	0	21.80	21.63	22.07	21.99	21.98		
5	64QAM	1	0	21.68	21.66	21.98	21.90	21.86		
5	64QAM	1	12	21.57	21.46	21.91	21.76	21.72	22	3
5	64QAM	1	24	21.61	21.52	21.91	21.73	21.70		
5	64QAM	12	0	20.83	20.77	21.15	20.98	21.05		
5	64QAM	12	7	20.84	20.63	20.99	20.79	20.92	22	3
5	64QAM	12	13	20.83	20.66	21.12	20.94	20.99		
5	64QAM	25	0	20.90	20.70	21.05	20.97	21.03		

GSM850 Ant4 DSI 2						
GSM850		Burst Average Power (dBm)			Frame Average Power (dBm)	
TX Channel		128	189	251	128	189
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot		32.07	32.10	32.01	33.50	23.07
GPRS 1 Tx slot		32.13	32.11	32.04	33.50	23.11
GPRS 2 Tx slots		30.66	30.61	30.53	31.50	24.61
GPRS 3 Tx slots		28.86	28.83	28.71	29.50	24.62
GPRS 4 Tx slots		28.94	28.87	28.72	27.00	23.94
EDGE 1 Tx slot		26.46	26.58	26.50	28.00	17.46
EDGE 2 Tx slots		23.18	23.30	23.20	25.00	17.18
EDGE 3 Tx slots		21.23	21.36	21.21	23.20	16.97
EDGE 4 Tx slots		20.59	20.74	20.61	22.00	17.59

GSM1900 Ant4 DSI 2						
GSM1900		Burst Average Power (dBm)			Frame Average Power (dBm)	
TX Channel		512	661	810	512	661
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot		28.50	28.51	28.50	30.50	19.50
GPRS 1 Tx slot		28.51	28.52	28.53	30.50	19.51
GPRS 2 Tx slots		26.57	26.76	27.02	28.50	20.57
GPRS 3 Tx slots		24.66	24.75	25.08	26.50	20.40
GPRS 4 Tx slots		22.59	22.70	23.09	24.50	19.59
EDGE 1 Tx slot		25.01	25.01	25.32	27.00	16.01
EDGE 2 Tx slots		22.01	22.07	22.40	24.00	16.01
EDGE 3 Tx slots		20.21	20.20	20.55	22.20	15.95
EDGE 4 Tx slots		19.02	19.00	19.35	21.00	16.02

WCDMA II Ant4 DSI 2										
Band		WCDMA II			WCDMA IV			WCDMA V		
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	1860	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
3GPP Rel 99		20.23	20.29	20.21	22.00	23.13	23.21	23.15	23.15	23.34
3GPP Rel 99		20.22	20.38	20.16	22.00	23.17	23.25	23.21	23.31	23.41
3GPP Rel 6		19.42	19.34	19.27	21.00	22.14	22.36	22.27	22.32	22.50
3GPP Rel 6		19.35	19.20	19.21	21.00	22.19	22.27	22.21	22.24	22.50
3GPP Rel 6		18.91	18.76	18.87	20.50	21.72	21.84	21.85	21.86	22.08
3GPP Rel 6		18.83	18.77	18.62	20.50	21.63	21.77	21.78	21.67	21.97
3GPP Rel 6		19.32	19.25	19.35	21.00	22.22	22.25	22.31	22.34	22.52
3GPP Rel 6		19.33	19.31	19.30	21.00	22.10	22.23	22.25	22.29	22.50
3GPP Rel 6		18.76	18.73	18.80	20.50	21.55	21.74	21.73	21.74	21.87
3GPP Rel 6		18.78	18.69	18.66	20.50	21.62	21.60	21.60	21.59	21.76
3GPP Rel 6		19.36	19.13	19.22	21.00	22.07	22.17	22.21	22.14	22.41
3GPP Rel 6		17.43	17.33	17.38	19.00	20.16	20.28	20.32	20.34	20.55
3GPP Rel 6		18.49	18.36	18.41	20.00	21.20	21.41	21.40	21.39	21.58
3GPP Rel 6		17.42	17.26	17.23	19.00	20.14	20.29	20.29	20.22	20.50
3GPP Rel 6		19.37	19.21	19.19	21.00	22.07	22.24	22.25	22.28	22.42
3GPP Rel 7		16.95	16.76	16.68	18.50	19.72	19.81	19.79	19.77	19.97

Band 2 Ant4 DSI 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit	MPR (dB)				
Channel 18700 18900 19100												
Frequency (MHz)												
20	QPSK	1	0	20.37	20.50	20.48						
20	QPSK	1	49	20.48	20.53	20.49	21.5	0				
20	QPSK	1	99	20.41	20.42	20.47						
20	QPSK	50	0	20.25	20.42	20.36						
20	QPSK	50	24	20.36	20.35	20.35	21.5	0				
20	QPSK	50	50	20.31	20.31	20.39						
20	QPSK	100	0	20.12	20.28	20.10						
20	16QAM	1	0	20.29	20.12	20.24						
20	16QAM	1	49	20.31	20.22	20.20	21.5	0				
20	16QAM	1	99	20.01	19.97	20.07						
20	16QAM	50	0	20.16	20.01	20.14						
20	16QAM	50	24	20.03	19.98	20.07	21.5	0				
20	16QAM	50	50	20.10	20.15	20.12						
20	16QAM	100	0	20.01	20.04	20.15						
20	64QAM	1	0	20.13	20.16	20.01						
20	64QAM	1	49	20.14	20.04	20.23	21.5	0				
20	64QAM	1	99	20.21	20.01	20.08						
20	64QAM	50	0	20.04	19.97	20.07						
20	64QAM	50	24	20.23	20.15	20.02	21.5	0				
20	64QAM	50	50	20.02	20.01	20.16						
20	64QAM	100	0	20.06	20.00	20.19						
Channel 18675 18900 19125												
Frequency (MHz)												
15	QPSK	1	0	20.23	20.41	20.37						
15	QPSK	1	37	20.39	20.46	20.40	21.5	0				
15	QPSK	1	74	20.30	20.33	20.43						
15	QPSK	36	0	20.10	20.32	20.25						
15	QPSK	36	20	20.29	20.26	20.30	21.5	0				
15	QPSK	36	39	20.20	20.17	20.29						
15	QPSK	75	0	20.02	20.21	20.01						
15	16QAM	1	0	20.15	20.06	20.11						
15	16QAM	1	37	20.22	20.07	20.15	21.5	0				
15	16QAM	1	74	19.92	19.88	19.98						
15	16QAM	36	0	20.08	19.92	20.08						
15	16QAM	36	20	19.94	19.93	19.93	21.5	0				
15	16QAM	36	39	20.01	20.09	19.98						
15	16QAM	75	0	19.87	19.96	19.97						
15	64QAM	1	0	19.99	20.11	19.89						
15	64QAM	1	37	19.99	19.96	20.11	21.5	0				
15	64QAM	1	74	20.13	19.94	19.95						
15	64QAM	36	0	19.99	19.84	19.93						
15	64QAM	36	20	20.15	20.04	19.92	21.5	0				
15	64QAM	36	39	19.96	19.86	20.03						
15	64QAM	75	0	19.93	19.95	20.10						
Channel 18650 18900 19150												
Frequency (MHz)												
10	QPSK	1	0	20.29	20.46	20.33						
10	QPSK	1	25	20.39	20.45	20.45	21.5	0				
10	QPSK	1	49	20.27	20.26	20.40						
10	QPSK	25	0	20.21	20.35	20.30						
10	QPSK	25	12	20.28	20.25	20.29	21.5	0				
10	QPSK	25	25	20.23	20.26	20.30						
10	QPSK	50	0	20.05	20.15	20.03						
10	16QAM	1	0	20.13	20.04	20.18						
10	16QAM	1	25	20.22	20.16	20.15	21.5	0				
10	16QAM	1	49	19.96	19.92	19.95						
10	16QAM	25	0	20.08	19.96	20.03						
10	16QAM	25	12	19.91	19.91	19.94	21.5	0				
10	16QAM	25	25	20.01	20.06	20.05						
10	16QAM	50	0	19.88	19.95	20.01						
10	64QAM	1	0	19.97	20.10	19.93						
10	64QAM	1	25	20.08	19.91	20.08	21.5	0				
10	64QAM	1	49	20.07	19.96	20.03						
10	64QAM	25	0	19.93	19.89	19.94						
10	64QAM	25	12	20.13	20.03	19.94	21.5	0				
10	64QAM	25	25	19.98	19.86	20.06						
10	64QAM	50	0	20.02	19.87	20.05						
Channel 1852.5 1890 1907.5												
Frequency (MHz)												
5	QPSK	1	0	20.30	20.46	20.33						
5	QPSK	1	12	20.41	20.41	20.34	21.5	0				
5	QPSK	1	24	20.34	20.28	20.38						
5	QPSK	12	0	20.15	20.33	20.24						
5	QPSK	12	7	20.23	20.25	20.20	21.5	0				
5	QPSK	12	13	20.19	20.18	20.29						
5	QPSK	25	0	19.97	20.17	20.04						
5	16QAM	1	0	20.21	20.01	20.12						
5	16QAM	1	12	20.16	20.08	20.06	21.5	0				
5	16QAM	1	24	19.90	19.84	19.95						
5	16QAM	12	0	20.07	19.92	20.06						
5	16QAM	12	7	19.91	19.87	19.97	21.5	0				
5	16QAM	12	13	20.03	20.01	19.96						
5	16QAM	25	0	19.92	19.95	20.05						
5	64QAM	1	0	20.07	20.03	19.89						
5	64QAM	1	12	20.01	19.96	20.11	21.5	0				
5	64QAM	1	24	20.13	19.88	19.94						
5	64QAM	12	0	19.96	19.89	19.97						
5	64QAM	12	7	20.08	20.05	19.87	21.5	0				
5	64QAM	12	13	19.96	19.96	20.10						
5	64QAM	25	0	19.97	19.85	20.11						
Channel 1861.5 1890 1918.5												
Frequency (MHz)												
3	QPSK	1	0	20.23	20.39	20.37						
3	QPSK	1	8	20.41	20.38	20.37	21.5	0				
3	QPSK	1	14	20.28	20.31	20.38						
3	QPSK	8	0	20.20	20.35	20.30						
3	QPSK	8	4	20.22	20.22	20.31	21.5	0				
3	QPSK	8	7	20.15	20.17	20.29						
3	QPSK	15	0	20.03	20.20	20.04						
3	16QAM	1	0	20.14	19.99	20.19						
3	16QAM	1	8	20.23	20.07	20.13	21.5	0				
3	16QAM	1	14	19.87	19.86	19.98						
3	16QAM	8	0	20.04	19.94	20.00						
3	16QAM	8	4	19.96	19.86	19.96	21.5	0				
3	16QAM	8	7	19.96	20.09	20.08						
3	16QAM	15	0	19.93	19.92	20.04						
3	64QAM	1	0	20.02	20.03	19.91						
3	64QAM	1	8	19.98	19.98	20.12	21.5	0				
3	64QAM	1	14	20.16	19.90	19.95						
3	64QAM	8	0	19.95	19.90	20.00						
3	64QAM	8	4	20.02	19.92	20.05	21.5	0				
3	64QAM	8	7	19.98	19.87	20.05						
3	64QAM	15	0	20.01	19.90	20.08						
Channel 18607 1890 19193												
Frequency (MHz)												
1.4	QPSK	1	0	20.29	20.47	20.42						
1.4	QPSK	1	3	20.42	20.39	20.38						
1.4	QPSK	1	5	20.38	20.38	20.35	21.5	0				
1.4	QPSK	3	0	20.17	20.32	20.25						
1.4	QPSK	3	1	20.22	20.31	20.30						
1.4	QPSK	3	3	20.22	20.18	20.29						
1.4	QPSK	6	0	20.01	20.17	20.00						
1.4	16QAM	1	0	20.15	19.99	20.18						
1.4	16QAM	1	3	20.19	19.99	20.14	21.5	0				
1.4	16QAM	1	5	19.96	19.83	19.97						
1.4	16QAM	3	0	20.03	19.86	20.00						
1.4	16QAM	3	1	19.92	19.92	20.01						
1.4	16QAM	3	3	20.05	20.04	20.04	21.5	0				
1.4	16QAM	6	0	19.87	19.85	19.94						
1.4	64QAM	1	0	20.05	20.08	19.95						
1.4	64QAM	1	3	20.08	19.96	20.09						
1.4	64QAM	1	5	20.08	19.90	19.93	21.5	0				
1.4	64QAM	3	0	19.97	19.90	20.03						
1.4	64QAM	3	1	20.15	20.09	19.87						
1.4	64QAM	3	3	20.19	19.99	20.05	21.5	0				
1.4	64QAM	6	0	20.00	19.84	20.11						

Band 7 Ant4 DSI 2										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)		
Channel				20850	21000	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	22.17	22.23	22.15	23	0		
20	QPSK	1	49	22.16	22.24	22.28				
20	QPSK	1	99	22.22	22.27	22.15				
20	QPSK	50	0	22.00	22.17	22.11	23	0		
20	QPSK	50	24	22.11	22.08	22.09				
20	QPSK	50	50	22.06	22.00	22.03				
20	QPSK	100	0	21.89	21.99	21.79	23	0		
20	16QAM	1	0	21.94	21.86	21.99				
20	16QAM	1	49	22.00	21.90	21.93				
20	16QAM	1	99	21.77	21.68	21.80	22.5	0.5		
20	16QAM	50	0	21.84	21.70	21.75				
20	16QAM	50	24	22.13	22.27	21.70				
20	16QAM	50	50	21.53	21.63	21.60	22.5	0.5		
20	16QAM	100	0	21.60	21.63	21.70				
20	16QAM	1	0	21.64	21.75	21.78				
20	16QAM	1	49	21.58	21.66	21.72	22.5	0.5		
20	16QAM	1	99	21.53	21.59	21.68				
20	16QAM	50	0	20.52	20.63	20.82				
20	16QAM	50	24	20.54	20.52	20.77	21.5	1.5		
20	16QAM	50	50	20.52	20.59	20.74				
20	16QAM	100	0	20.56	20.61	20.60				
Channel				20825	21000	21375	Tune- up limit	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	22.02	22.20	22.07	23	0		
15	QPSK	1	37	22.08	22.14	22.24				
15	QPSK	1	74	22.11	22.19	22.07				
15	QPSK	36	0	21.92	22.11	22.05	23	0		
15	QPSK	36	20	21.98	21.93	22.04				
15	QPSK	36	39	21.94	21.86	21.89				
15	QPSK	75	0	21.78	21.84	21.67	23	0		
15	16QAM	1	0	21.87	21.73	21.92				
15	16QAM	1	37	21.91	21.81	21.83				
15	16QAM	1	74	21.70	21.60	21.69	22.5	0.5		
15	16QAM	36	0	21.75	21.85	21.72				
15	16QAM	36	20	21.87	21.71	21.93				
15	16QAM	36	39	21.88	21.85	21.81	22.5	0.5		
15	16QAM	75	0	21.86	21.57	21.76				
15	16QAM	1	0	21.53	21.72	21.65				
15	16QAM	1	37	21.52	21.52	21.57	22.5	0.5		
15	16QAM	1	74	21.63	21.58	21.59				
15	16QAM	36	0	20.61	20.58	20.68				
15	16QAM	36	20	20.56	20.57	20.73	21.5	1.5		
15	16QAM	36	39	20.56	20.57	20.67				
15	16QAM	75	0	20.51	20.50	20.54				
Channel				20800	21100	21400	Tune- up limit	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	22.05	22.16	22.11	23	0		
10	QPSK	1	25	22.07	22.12	22.23				
10	QPSK	1	49	22.10	22.18	22.00				
10	QPSK	25	0	21.91	22.10	21.97	23	0		
10	QPSK	25	12	21.98	21.99	21.97				
10	QPSK	25	25	21.90	21.84	21.90				
10	QPSK	50	0	21.78	21.93	21.65	23	0		
10	16QAM	1	0	21.80	21.74	21.89				
10	16QAM	1	25	21.91	21.82	21.86				
10	16QAM	1	49	21.65	21.56	21.73	22.5	0.5		
10	16QAM	25	0	21.76	21.85	21.65				
10	16QAM	25	12	21.82	21.81	21.93				
10	16QAM	25	25	21.89	21.79	21.86	22.5	0.5		
10	16QAM	50	0	21.72	21.60	21.70				
10	16QAM	1	0	21.51	21.72	21.63				
10	16QAM	1	25	21.53	21.55	21.63	22.5	0.5		
10	16QAM	1	49	21.60	21.56	21.60				
10	16QAM	25	0	20.54	20.58	20.69				
10	16QAM	25	12	20.58	20.63	20.71	21.5	1.5		
10	16QAM	25	25	20.55	20.50	20.71				
10	16QAM	50	0	20.64	20.59	20.50				
Channel				20775	21100	21425	Tune- up limit	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	22.05	22.18	22.04	23	0		
5	QPSK	1	12	22.07	22.19	22.17				
5	QPSK	1	24	22.15	22.13	22.03				
5	QPSK	12	0	21.93	22.13	21.95	23	0		
5	QPSK	12	7	22.05	21.98	22.02				
5	QPSK	12	13	21.92	21.95	21.97				
5	QPSK	25	0	21.75	21.83	21.66	23	0		
5	16QAM	1	0	21.85	21.75	21.91				
5	16QAM	1	12	21.94	21.76	21.82				
5	16QAM	1	24	21.65	21.60	21.70	22.5	0.5		
5	16QAM	12	0	21.81	21.90	21.73				
5	16QAM	12	7	21.82	21.81	21.89				
5	16QAM	12	13	21.93	21.80	21.81	22.5	0.5		
5	16QAM	25	0	21.69	21.53	21.75				
5	16QAM	1	0	21.52	21.71	21.67				
5	16QAM	1	12	21.60	21.54	21.62	22.5	0.5		
5	16QAM	1	24	21.59	21.54	21.61				
5	16QAM	12	0	20.59	20.50	20.78				
5	16QAM	12	7	20.55	20.58	20.69	21.5	1.5		
5	16QAM	12	13	20.64	20.55	20.64				
5	16QAM	25	0	20.52	20.57	20.50				

Band 13 Ant4 DSI 2										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)		
Channel				23230						
Frequency (MHz)				782						
10	QPSK	1	0	24.13	24.13	24.15	25	0		
10	QPSK	1	25	24.05	24.05	24.05				
10	QPSK	1	49	24.05	24.05	24.05				
10	QPSK	25	0	23.12	23.12	23.12	24	1		
10	QPSK	25	12	22.70	22.70	22.70				
10	QPSK	25	25	22.75	22.75	22.75				
10	QPSK	50	0	23.07	23.07	23.07	24	1		
10	16QAM	1	0	22.67	22.67	22.67				
10	16QAM	1	25	22.57	22.57	22.57				
10	16QAM	1	49	22.53	22.53	22.53	23	2		
10	16QAM	25	0	22.78	22.78	22.78				
10	16QAM	25	12	22.66	22.66	22.66				
10	16QAM	25	25	22.68	22.68	22.68	23	2		
10	16QAM	50	0	21.73	21.73	21.73				
10	16QAM	1	0	21.67	21.67	21.67				
10	8QAM	1	25	21.59	21.59	21.59	23	2		
10	8QAM	1	49	21.64	21.64	21.64				
10	8QAM	25	0	20.83	20.83	20.83				
10	8QAM	25	12	20.56	20.56	20.56	22	3		
10	8QAM	25	25	20.59	20.59	20.59				
10	8QAM	50	0	20.53	20.53	20.53				
Channel				23205	23230	23255	Tune- up limit	MPR (dB)		
Frequency (MHz)				779.5	782	784.5				
5	QPSK	1	0	24.08	23.99	24.03	25	0		
5	QPSK	1	12	24.01	24.00	23.94				
5	QPSK	1	24	23.96	23.99	23.98				
5	QPSK	12	0	23.01	23.07	23.03	24	1		
5	QPSK	12	7	22.82	22.99	22.82				
5	QPSK	12	13	22.64	22.87	22.72				
5	QPSK	25	0	22.86	22.98	22.75	24	1		
5	16QAM	1	0	22.52	22.62	22.58				
5	16QAM	1	12	22.55	22.52	22.57				
5	16QAM	1	24	22.60	22.57	22.58	23	2		
5	16QAM	12	0	22.66	22.65	22.66				
5	16QAM	12	7	22.59	22.53	22.53				
5	16QAM	12	13	22.55	22.53	22.54	22	3		
5	16QAM	25	0	21.65	21.60	21.64				
5	8QAM	1	0	21.61	21.64	21.61				
5	8QAM	1	12	21.52	21.56	21.51	23	2		
5	8QAM	1	24	21.53	21.55	21.59				
5	8QAM	12	0	20.57	20.50	20.57				
5	8QAM	12	7	20.56	20.58	20.52	22	3		
5	8QAM	12	13	20.54	20.56	20.51				
5	8QAM	25	0	20.54	20.51	20.59				

Band 38 Ant4 DSI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.72	23.78	23.57	24.5	0	
20	QPSK	1	49	23.72	23.74	23.56			
20	QPSK	1	99	23.67	23.77	23.58			
20	QPSK	50	0	22.14	22.35	22.02	23.5	1	
20	QPSK	50	24	22.04	22.14	22.08			
20	QPSK	50	50	22.01	22.12	22.01			
20	QPSK	100	0	22.12	22.34	22.03	23.5	1	
20	16QAM	1	0	22.09	22.14	22.06			
20	16QAM	1	49	22.04	22.06	22.06			
20	16QAM	1	99	22.02	22.12	22.04	22.5	2	
20	16QAM	50	0	21.22	21.28	21.11			
20	16QAM	50	24	21.14	21.23	21.06			
20	16QAM	50	50	21.20	21.27	21.04	22.5	2	
20	16QAM	100	0	21.21	21.25	21.02			
20	64QAM	1	0	21.12	21.17	21.03			
20	64QAM	1	49	21.05	21.06	21.15	22.5	2	
20	64QAM	1	99	21.11	21.16	21.02			
20	64QAM	50	0	20.27	20.38	20.18			
20	64QAM	50	24	20.37	20.37	20.14	21.5	3	
20	64QAM	50	50	20.22	20.28	20.08			
20	64QAM	100	0	20.13	20.25	20.04			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.66	23.64	23.50	24.5	0	
15	QPSK	1	37	23.61	23.67	23.50			
15	QPSK	1	74	23.58	23.69	23.50			
15	QPSK	36	0	22.06	22.08	22.06	23.5	1	
15	QPSK	36	20	22.08	22.02	22.05			
15	QPSK	36	39	22.04	22.06	22.09			
15	QPSK	75	0	22.10	22.10	22.06	23.5	1	
15	16QAM	1	0	22.01	22.11	22.00			
15	16QAM	1	37	22.07	22.00	22.08			
15	16QAM	1	74	22.08	22.05	22.10	22.5	2	
15	16QAM	36	0	21.16	21.20	21.05			
15	16QAM	36	20	21.09	21.19	21.23			
15	16QAM	36	39	21.17	21.23	21.23	22.5	2	
15	16QAM	75	0	21.17	21.19	21.23			
15	64QAM	1	0	21.02	21.14	21.23			
15	64QAM	1	37	21.23	21.23	21.02	22.5	2	
15	64QAM	1	74	21.00	21.01	21.23			
15	64QAM	36	0	20.22	20.28	20.11			
15	64QAM	36	20	20.26	20.24	20.05	21.5	3	
15	64QAM	36	39	20.17	20.14	20.28			
15	64QAM	75	0	20.05	20.10	20.28			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.57	23.66	23.50	24.5	0	
10	QPSK	1	25	23.66	23.60	23.51			
10	QPSK	1	49	23.53	23.72	23.51			
10	QPSK	25	0	22.04	22.08	22.08	23.5	1	
10	QPSK	25	12	22.04	22.02	22.04			
10	QPSK	25	25	22.04	22.06	22.11			
10	QPSK	50	0	22.03	22.03	22.11	23.5	1	
10	16QAM	1	0	22.02	22.02	22.04			
10	16QAM	1	25	22.04	22.09	22.02			
10	16QAM	1	49	22.10	22.00	22.00	22.5	2	
10	16QAM	25	0	21.14	21.25	21.03			
10	16QAM	25	12	21.00	21.12	21.02			
10	16QAM	25	25	21.08	21.16	21.23	22.5	2	
10	16QAM	50	0	21.17	21.14	21.23			
10	64QAM	1	0	21.07	21.11	21.23			
10	64QAM	1	25	21.23	21.23	21.02	22.5	2	
10	64QAM	1	49	21.23	21.10	21.23			
10	64QAM	25	0	20.14	20.27	20.11			
10	64QAM	25	12	20.27	20.26	20.28	21.5	3	
10	64QAM	25	25	20.09	20.23	20.04			
10	64QAM	50	0	20.02	20.11	20.28			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	23.62	23.65	23.48	24.5	0	
5	QPSK	1	12	23.66	23.63	23.46			
5	QPSK	1	24	23.59	23.72	23.51			
5	QPSK	12	0	22.05	22.01	22.02	23.5	1	
5	QPSK	12	7	22.04	22.07	22.02			
5	QPSK	12	13	22.04	22.09	22.08			
5	QPSK	25	0	22.00	22.01	22.00	23.5	1	
5	16QAM	1	0	22.03	22.00	22.02			
5	16QAM	1	12	22.10	22.01	22.01			
5	16QAM	1	24	22.05	22.07	22.11	22.5	2	
5	16QAM	12	0	21.13	21.20	21.00			
5	16QAM	12	7	21.08	21.16	21.00			
5	16QAM	12	13	21.16	21.21	21.23	22.5	2	
5	16QAM	25	0	21.16	21.10	21.23			
5	64QAM	1	0	21.23	21.10	21.23			
5	64QAM	1	12	21.02	21.23	21.06	22.5	2	
5	64QAM	1	24	21.02	21.08	21.23			
5	64QAM	12	0	20.21	20.26	20.10			
5	64QAM	12	7	20.33	20.27	20.10	21.5	3	
5	64QAM	12	13	20.14	20.23	20.28			
5	64QAM	25	0	20.07	20.21	20.28			

Band 41 Ant4 DSI 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.45	23.71	23.75	23.53	23.51	24.5	0
20	QPSK	1	49	23.48	23.60	23.65	23.52	23.49		
20	QPSK	1	99	23.50	23.57	23.69	23.50	23.51		
20	QPSK	50	0	22.08	22.08	22.17	22.02	22.05	23.5	1
20	QPSK	50	24	22.11	22.03	22.02	22.01	22.07		
20	QPSK	50	50	22.10	22.02	22.04	22.04	22.01		
20	QPSK	100	0	22.08	22.02	22.10	22.01	22.01	23.5	2
20	16QAM	1	0	22.12	22.01	22.14	22.05	22.00		
20	16QAM	1	49	22.13	22.03	22.02	22.07	22.04		
20	16QAM	1	99	22.07	22.07	22.07	22.07	22.05	22.5	2
20	16QAM	50	0	21.09	21.28	21.32	21.15	21.11		
20	16QAM	50	24	21.03	21.20	21.25	21.03	21.06		
20	16QAM	50	50	21.01	21.05	21.19	21.15	21.01	22.5	3
20	16QAM	100	0	21.09	21.18	21.23	21.16	21.06		
20	64QAM	1	0	21.01	21.13	21.17	21.18	21.03		
20	64QAM	1	49	21.19	21.03	21.07	21.18	21.21	22.5	2
20	64QAM	1	99	21.19	21.03	21.10	21.10	21.10		
20	64QAM	50	0	20.13	20.25	20.32	20.14	20.11		
20	64QAM	50	24	20.05	20.16	20.22	20.00	20.01	21.5	3
20	64QAM	50	50	20.01	20.20	20.23	20.07	20.09		
20	64QAM	100	0	20.12	20.22	20.27	20.05	20.13		
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	23.36	23.70	23.64	23.43	23.39	25	0
15	QPSK	1	37	23.38	23.51	23.63	23.49	23.38		
15	QPSK	1	74	23.47	23.51	23.59	23.49	23.44		
15	QPSK	36	0	22.01	22.02	22.12	22.11	22.02	23.5	1
15	QPSK	36	20	22.09	22.17	22.10	22.17	22.00		
15	QPSK	36	39	22.07	22.06	22.08	22.14	22.17		
15	QPSK	75	0	22.04	22.12	22.06	22.06	22.06	23.5	1
15	16QAM	1	0	22.08	22.00	22.06	22.09	22.14		
15	16QAM	1	37	22.09	22.02	22.16	22.12	22.09		
15	16QAM	1	74	22.13	22.02	22.00	22.00	22.03	22.5	2
15	16QAM	36	0	21.06	21.19	21.24	21.13	21.07		
15	16QAM	36	20	21.14	21.17	21.21	21.16	21.03		
15	16QAM	36	39	21.06	21.01	21.18	21.05	21.07	22.5	2
15	16QAM	75	0	21.07	21.12	21.20	21.13	21.15		
15	64QAM	1	0	21.03	21.10	21.11	21.17	21.12		
15	64QAM	1	37	21.08	21.02	21.00	21.09	21.11	22.5	2
15	64QAM	1	74	21.11	21.01	21.01	21.12	21.00		
15	64QAM	36	0	20.09	20.23	20.22	20.10	20.05		
15	64QAM	36	20	20.05	20.14	20.15	20.14	20.22	21.5	3
15	64QAM	36	39	20.22	20.17	20.20	20.04	20.03		
15	64QAM	75	0	20.00	20.20	20.25	20.23	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.38	23.60	23.68	23.47	23.40	25	0
10	QPSK	1	25	23.42	23.49	23.62	23.48	23.47		
10	QPSK	1	49	23.46	23.54	23.66	23.41	23.41		
10	QPSK	25	0	22.05	22.14	22.11	22.10	22.02	23.5	1
10	QPSK	25	12	22.07	22.01	22.14	22.05	22.06		
10	QPSK	25	25	22.04	22.13	22.02	22.07	22.16		
10	QPSK	50	0	22.03	22.10	22.02	22.07	22.13	23.5	1
10	16QAM	1	0	22.04	22.09	22.11	22.06	22.06		
10	16QAM	1	25	22.05	22.08	22.11	22.02	22.05		
10	16QAM	1	49	22.08	22.06	22.16	22.02	22.15	22.5	2
10	16QAM	25	0	21.01	21.17	21.23	21.12	21.03		
10	16QAM	25	12	21.04	21.12	21.24	21.08	21.02		
10	16QAM	25	25	21.12	21.05	21.08	21.08	21.24	22.5	2
10	16QAM	50	0	21.01	21.16	21.18	21.10	21.29		
10	64QAM	1	0	21.24	21.13	21.05	21.10	21.26		
10	64QAM	1	25	21.12	21.26	21.23	21.07	21.10	22.5	2
10	64QAM	1	49	21.16	21.31	21.04	21.28	21.04		
10	64QAM	25	0	20.12	20.22	20.23	20.09	20.09		
10	64QAM	25	12	20.18	20.12	20.19	20.19	20.13	21.5	3
10	64QAM	25	25	20.15	20.19	20.18	20.10	20.15		
10	64QAM	50	0	20.06	20.22	20.18	20.15	20.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2543.8	2593	2647.3	2697.5		
5	QPSK	1	0	23.36	23.68	23.74	23.45	23.45	25	0
5	QPSK	1	12	23.41	23.56	23.63	23.46	23.43		
5	QPSK	1	24	23.49	23.52	23.58	23.49	23.47		
5	QPSK	12	0	22.04	22.12	22.07	22.08	22.02	23.5	1
5	QPSK	12	7	22.09	22.15	22.02	22.13	22.04		
5	QPSK	12	13	22.11	22.08	22.04	22.11	22.11		
5	QPSK	25	0	22.13	22.15	22.08	22.16	22.15	23.5	1
5	16QAM	1	0	22.07	22.00	22.02	22.03	22.09		
5	16QAM	1	12	22.03	22.00	22.17	22.10	22.00		
5	16QAM	1	24	22.04	22.07	22.03	22.17	22.15	22.5	2
5	16QAM	12	0	21.06	21.23	21.21	21.18	21.00		
5	16QAM	12	7	21.32	21.16	21.20	21.23	21.00		
5	16QAM	12	13	21.24	21.27	21.10	21.09	21.26	22.5	2
5	16QAM	25	0	21.09	21.10	21.14	21.08	21.31		
5	16QAM	1	0	21.27	21.07	21.14	21.08	21.15		
5	64QAM	1	12	21.00	21.19	21.14	21.14	21.21	22.5	2
5	64QAM	1	24	21.07	21.25	21.02	21.00	21.08		
5	64QAM	12	0	20.03	20.14	20.28	20.03	20.07		
5	64QAM	12	7	20.16	20.06	20.11	20.21	20.17	21.5	3
5	64QAM	12	13	20.19	20.12	20.12	20.22	20.22		
5	64QAM	25	0	20.07	20.13	20.23	20.25	20.20		

Reduced Power Mode for DSI4

GSM850 Ant1 DSI 4							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (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	32.01	32.02	31.88	33.50	23.01	23.02	22.98
GPRS 1 Tx slot	32.04	32.06	32.03	33.50	23.04	23.06	23.03
GPRS 2 Tx slots	30.48	30.49	30.45	31.50	24.48	24.49	24.45
GPRS 3 Tx slots	28.65	28.62	28.56	29.50	24.39	24.36	24.30
GPRS 4 Tx slots	26.66	26.61	26.52	27.00	23.66	23.61	23.52
EDGE 1 Tx slot	26.27	26.33	26.26	26.00	17.27	17.33	17.26
EDGE 2 Tx slots	23.07	23.02	23.10	25.00	17.07	17.02	17.10
EDGE 3 Tx slots	21.24	21.21	21.22	23.20	16.98	16.95	16.96
EDGE 4 Tx slots	20.37	20.44	20.28	22.00	17.37	17.44	17.28

GSM1900 Ant1 DSI 4							
Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)		
TX Channel	512	661	810		512	661	810
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8
GSM 1 Tx slot	28.76	28.74	28.76	30.50	19.76	19.74	19.76
GPRS 1 Tx slot	28.79	28.76	28.78	30.50	19.79	19.76	19.78
GPRS 2 Tx slots	27.12	27.34	27.45	28.50	21.19	21.34	21.45
GPRS 3 Tx slots	25.19	25.34	25.42	26.50	20.93	21.08	21.16
GPRS 4 Tx slots	23.15	23.30	23.41	24.50	20.15	20.30	20.41
EDGE 1 Tx slot	25.58	25.63	25.70	27.00	16.58	16.63	16.70
EDGE 2 Tx slots	22.74	22.85	22.73	24.00	16.74	16.85	16.73
EDGE 3 Tx slots	20.71	20.86	20.80	22.20	16.45	16.60	16.54
EDGE 4 Tx slots	19.62	19.64	19.61	21.00	16.62	16.64	16.61

		WCDMA II Ant1 DSI 4				WCDMA IV Ant1 DSI 4				WCDMA V Ant1 DSI 4			
WCDMA II						WCDMA IV				WCDMA V			
Band		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
TX 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	20.95	21.03	20.95	22.50	20.51	20.40	20.54	22.00	23.81	23.81	23.88	25.00
3GPP Rel 99	RMC 12.2Kbps	21.07	21.09	21.05	22.50	20.47	20.58	20.52	22.00	23.87	23.92	23.75	25.00
3GPP Rel 6	HSUPA Subtest-1	20.06	20.04	20.07	21.50	19.53	19.53	19.79	21.00	22.91	22.86	22.79	24.00
3GPP Rel 6	HSUPA Subtest-2	20.09	19.99	20.03	21.50	19.42	19.34	19.61	21.00	22.83	22.74	22.68	24.00
3GPP Rel 6	HSUPA Subtest-3	19.59	19.47	19.54	21.00	18.94	18.97	19.19	20.50	22.39	22.29	22.29	23.50
3GPP Rel 6	HSUPA Subtest-4	19.57	19.46	19.44	21.00	18.94	18.90	19.19	20.50	22.36	22.25	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.13	19.95	19.99	21.50	19.38	19.37	19.57	21.00	22.83	22.85	22.67	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.03	19.91	19.88	21.50	19.34	19.31	19.56	21.00	22.75	22.78	22.68	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.46	19.41	19.58	21.00	18.97	18.84	19.10	20.50	22.39	22.15	22.22	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.45	19.43	19.50	21.00	18.78	18.87	18.96	20.50	22.32	22.23	22.10	23.50
3GPP Rel 6	HSUPA Subtest-1	19.92	19.93	19.97	21.50	19.26	19.37	19.56	21.00	22.75	22.68	22.71	24.00
3GPP Rel 6	HSUPA Subtest-2	18.16	18.01	18.09	19.50	17.40	17.47	17.74	19.00	20.86	20.85	20.77	22.00
3GPP Rel 6	HSUPA Subtest-3	18.14	18.10	18.10	20.50	18.62	18.55	18.65	20.00	21.98	21.87	21.80	23.00
3GPP Rel 6	HSUPA Subtest-4	18.10	17.94	17.95	19.50	17.34	17.42	17.56	19.00	20.76	20.75	20.72	23.00
3GPP Rel 6	HSUPA Subtest-5	20.05	19.99	20.04	21.50	19.44	19.39	19.58	21.00	22.82	22.69	22.75	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.59	17.57	17.61	19.00	17.02	17.01	17.28	18.50	20.48	20.35	20.34	21.50

Band 2 Ant1 DSI 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel 18700 18900 19100											
Frequency (MHz)											
20	QPSK	1	0	21.13	21.13	21.18					
20	QPSK	1	49	21.09	21.11	21.21	22.5	0			
20	QPSK	1	99	21.07	21.17	21.08					
20	QPSK	50	0	20.96	21.11	21.01					
20	QPSK	50	24	21.02	21.02	21.10	22.5	0			
20	QPSK	50	50	21.09	20.96	21.01					
20	QPSK	100	0	20.74	21.01	20.78					
20	16QAM	1	0	20.86	20.87	20.91					
20	16QAM	1	49	21.00	20.91	20.91	22.5	0			
20	16QAM	1	99	20.67	20.65	20.72					
20	16QAM	50	0	20.85	20.69	20.86					
20	16QAM	50	24	20.68	20.65	20.69	22.5	0			
20	16QAM	50	50	20.88	20.86	20.79					
20	16QAM	100	0	20.66	20.70	20.75					
20	64QAM	1	0	20.89	20.88	20.69					
20	64QAM	1	49	20.88	20.74	20.86	22.5	0			
20	64QAM	1	99	20.96	20.73	20.77					
20	64QAM	50	0	20.68	20.70	20.78					
20	64QAM	50	24	20.89	20.80	20.73	22.5	0			
20	64QAM	50	50	20.67	20.72	20.75					
20	64QAM	100	0	20.71	20.63	20.77					
Channel 18675 18900 19125											
Frequency (MHz)											
15	QPSK	1	0	20.98	21.16	21.07					
15	QPSK	1	37	20.97	20.97	21.09	22.5	0			
15	QPSK	1	74	20.93	21.07	20.95					
15	QPSK	36	0	20.88	20.98	21.06					
15	QPSK	36	20	20.93	20.88	21.05	22.5	0			
15	QPSK	36	39	20.95	20.89	20.93					
15	QPSK	75	0	20.62	20.93	20.64					
15	16QAM	1	0	20.75	20.83	20.79					
15	16QAM	1	37	20.85	20.75	20.77	22.5	0			
15	16QAM	1	74	20.62	20.50	20.66					
15	16QAM	36	0	20.75	20.63	20.74					
15	16QAM	36	20	20.58	20.50	20.63	22.5	0			
15	16QAM	36	39	20.80	20.76	20.74					
15	16QAM	75	0	20.76	20.76	20.60					
15	64QAM	1	0	20.76	20.76	20.60	22.5	0			
15	64QAM	1	37	20.74	20.65	20.80					
15	64QAM	1	74	20.84	20.66	20.64					
15	64QAM	36	0	20.54	20.62	20.74					
15	64QAM	36	20	20.74	20.75	20.65	22.5	0			
15	64QAM	36	39	20.62	20.61	20.69					
15	64QAM	75	0	20.62	20.56	20.67					
Channel 18650 18900 19150											
Frequency (MHz)											
10	QPSK	1	0	21.04	21.10	21.12					
10	QPSK	1	25	21.02	21.03	21.18	22.5	0			
10	QPSK	1	49	21.02	21.05	20.98					
10	QPSK	25	0	20.90	20.99	20.96					
10	QPSK	25	12	20.93	20.96	20.96	22.5	0			
10	QPSK	25	25	21.03	20.86	20.87					
10	QPSK	50	0	20.61	20.89	20.66					
10	16QAM	1	0	20.71	20.77	20.84					
10	16QAM	1	25	20.93	20.84	20.85	22.5	0			
10	16QAM	1	49	20.58	20.51	20.63					
10	16QAM	25	0	20.69	20.60	20.73					
10	16QAM	25	12	20.63	20.59	20.64	22.5	0			
10	16QAM	25	25	20.74	20.75	20.66					
10	16QAM	50	0	20.55	20.59	20.70					
10	64QAM	1	0	20.84	20.80	20.57					
10	64QAM	1	25	20.74	20.62	20.75	22.5	0			
10	64QAM	1	49	20.69	20.65	20.68					
10	64QAM	25	0	20.57	20.56	20.63					
10	64QAM	25	12	20.78	20.67	20.65	22.5	0			
10	64QAM	25	25	20.62	20.63	20.61					
10	64QAM	50	0	20.65	20.56	20.67					
Channel 18625 18900 19175											
Frequency (MHz)											
5	QPSK	1	0	20.98	21.18	21.14					
5	QPSK	1	12	20.98	20.96	21.09	22.5	0			
5	QPSK	1	24	21.01	21.02	20.99					
5	QPSK	12	0	20.89	20.95	20.95					
5	QPSK	12	7	20.91	20.96	21.00	22.5	0			
5	QPSK	12	13	20.97	20.89	20.95					
5	QPSK	25	0	20.64	20.95	20.67					
5	16QAM	1	0	20.78	20.82	20.78					
5	16QAM	1	12	20.95	20.85	20.79	22.5	0			
5	16QAM	1	24	20.51	20.50	20.56					
5	16QAM	12	0	20.75	20.53	20.72					
5	16QAM	12	7	20.59	20.53	20.62	22.5	0			
5	16QAM	12	13	20.84	20.72	20.66					
5	16QAM	25	0	20.61	20.61	20.70					
5	64QAM	1	0	20.79	20.76	20.55					
5	64QAM	1	12	20.83	20.67	20.70	22.5	0			
5	64QAM	1	24	20.83	20.68	20.68					
5	64QAM	12	0	20.52	20.65	20.67					
5	64QAM	12	7	20.82	20.69	20.61	22.5	0			
5	64QAM	12	13	20.51	20.67	20.61					
5	64QAM	25	0	20.66	20.58	20.68					
Channel 18615 18900 19185											
Frequency (MHz)											
3	QPSK	1	0	21.01	21.10	21.13					
3	QPSK	1	8	21.04	21.06	21.11	22.5	0			
3	QPSK	1	14	20.99	21.07	20.94					
3	QPSK	8	0	20.91	20.97	21.03					
3	QPSK	8	4	20.98	20.98	20.94	22.5	0			
3	QPSK	8	7	21.02	20.83	20.92					
3	QPSK	15	0	20.59	20.86	20.65					
3	16QAM	1	0	20.81	20.77	20.80					
3	16QAM	1	8	20.85	20.76	20.76	22.5	0			
3	16QAM	1	14	20.57	20.60	20.74					
3	16QAM	8	0	20.79	20.57	20.76					
3	16QAM	8	4	20.64	20.52	20.53	22.5	0			
3	16QAM	15	0	20.51	20.59	20.64					
3	64QAM	1	0	20.81	20.79	20.53					
3	64QAM	1	8	20.77	20.68	20.79	22.5	0			
3	64QAM	1	14	20.80	20.63	20.69					
3	64QAM	8	0	20.53	20.63	20.73					
3	64QAM	8	4	20.76	20.75	20.69	22.5	0			
3	64QAM	8	7	20.53	20.64	20.64					
3	64QAM	15	0	20.66	20.59	20.73					
Channel 18607 18900 19193											
Frequency (MHz)											
1.4	QPSK	1	0	21.09	21.10	21.14					
1.4	QPSK	1	3	20.94	21.03	21.10					
1.4	QPSK	1	6	21.08	21.08	21.06	22.5	0			
1.4	QPSK	3	0	20.90	20.98	21.06					
1.4	QPSK	3	1	20.87	20.93	21.00					
1.4	QPSK	3	3	20.99	20.89	20.89					
1.4	QPSK	6	0	20.60	20.97	20.67	22.5	0			
1.4	16QAM	1	0	20.78	20.80	20.81					
1.4	16QAM	1	3	20.76	20.76	20.80					
1.4	16QAM	1	5	20.58	20.50	20.58	22.5	0			
1.4	16QAM	3	0	20.76	20.80	20.75					
1.4	16QAM	3	1	20.67	20.79	20.84					
1.4	16QAM	6	0	20.53	20.71	20.66	22.5	0			
1.4	16QAM	6	3	20.85	20.79	20.76					
1.4	64QAM	1	3	20.84	20.65	20.76					
1.4	64QAM	1	5	20.91	20.58	20.62	22.5	0			
1.4	64QAM	3	1	20.54	20.60	20.65					
1.4	64QAM	3	1	20.84	20.67	20.62					
1.4	64QAM	3	3	20.76	20.76	20.76	22.5	0			
1.4	64QAM	6	0	20.66	20.80	20.72					

Band 7 Ant1 DSI 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	20.06	20.26	20.14	21.5	0		
20	QPSK	1	49	20.19	20.12	20.14				
20	QPSK	1	99	20.07	20.13	20.16				
20	QPSK	50	0	19.93	20.14	20.04	21.5	0		
20	QPSK	50	24	20.05	19.96	20.07				
20	QPSK	50	50	20.01	20.01	20.01				
20	16QAM	100	0	19.83	19.99	19.78	21.5	0		
20	16QAM	1	0	19.93	19.84	19.86				
20	16QAM	1	49	20.05	19.91	19.91				
20	16QAM	1	99	19.73	19.67	19.80	21.5	0		
20	16QAM	50	0	19.84	19.82	19.89				
20	16QAM	50	24	19.68	19.64	19.70				
20	16QAM	50	50	19.78	19.87	19.82	21.5	0		
20	16QAM	100	0	19.72	19.72	19.73				
20	64QAM	1	0	19.87	19.86	19.85				
20	64QAM	1	49	19.88	19.65	19.88	21.5	0		
20	64QAM	1	99	19.89	19.69	19.77				
20	64QAM	50	0	19.72	19.65	19.80				
20	64QAM	50	24	19.90	19.75	19.72	21.5	0		
20	64QAM	50	50	19.75	19.67	19.80				
20	64QAM	100	0	19.75	19.63	19.81				
Channel				20825	21100	21375	Tune-up limit	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	19.98	20.15	20.02	21.5	0		
15	QPSK	1	37	20.12	20.06	20.03				
15	QPSK	1	74	20.00	20.02	20.02				
15	QPSK	36	0	19.86	20.05	19.98	21.5	0		
15	QPSK	36	20	20.01	19.88	20.00				
15	QPSK	36	39	19.86	19.95	19.91				
15	QPSK	75	0	19.76	19.86	19.66	21.5	0		
15	16QAM	1	0	19.80	19.76	19.72				
15	16QAM	1	37	20.00	19.76	19.83				
15	16QAM	1	74	19.60	19.52	19.71	21.5	0		
15	16QAM	36	0	19.77	19.53	19.83				
15	16QAM	36	20	19.62	19.55	19.59				
15	16QAM	36	39	19.66	19.77	19.77	21.5	0		
15	16QAM	75	0	19.63	19.67	19.66				
15	64QAM	1	0	19.80	19.80	19.55				
15	64QAM	1	37	19.80	19.61	19.81	21.5	0		
15	64QAM	1	74	19.80	19.60	19.69				
15	64QAM	36	0	19.57	19.50	19.72				
15	64QAM	36	20	19.83	19.63	19.56	21.5	0		
15	64QAM	36	39	19.67	19.56	19.54				
15	64QAM	75	0	19.66	19.52	19.76				
Channel				20800	21100	21400	Tune-up limit	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	19.91	20.14	20.09	21.5	0		
10	QPSK	1	25	20.10	20.04	20.08				
10	QPSK	1	49	20.03	19.99	20.04				
10	QPSK	25	0	19.89	20.00	19.94	21.5	0		
10	QPSK	25	12	19.97	19.89	20.00				
10	QPSK	25	25	19.94	19.92	19.86				
10	QPSK	50	0	19.72	19.94	19.63	21.5	0		
10	16QAM	1	0	19.86	19.78	19.73				
10	16QAM	1	25	19.89	19.76	19.84				
10	16QAM	1	49	19.61	19.51	19.71	21.5	0		
10	16QAM	25	0	19.71	19.56	19.85				
10	16QAM	25	12	19.64	19.55	19.63				
10	16QAM	25	25	19.73	19.81	19.68	21.5	0		
10	16QAM	50	0	19.64	19.57	19.58				
10	64QAM	1	0	19.74	19.76	19.60				
10	64QAM	1	25	19.72	19.56	19.77	21.5	0		
10	64QAM	1	49	19.81	19.55	19.69				
10	64QAM	25	0	19.62	19.51	19.75				
10	64QAM	25	12	19.75	19.65	19.61	21.5	0		
10	64QAM	25	25	19.69	19.53	19.68				
10	64QAM	50	0	19.70	19.54	19.70				
Channel				20775	21100	21425	Tune-up limit	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	19.96	20.12	20.06	21.5	0		
5	QPSK	1	12	20.13	19.98	20.07				
5	QPSK	1	24	19.97	20.06	20.11				
5	QPSK	12	0	19.83	20.07	19.92	21.5	0		
5	QPSK	12	7	19.97	19.83	19.92				
5	QPSK	12	13	19.92	19.95	19.95				
5	QPSK	25	0	19.69	19.85	19.67	21.5	0		
5	16QAM	1	0	19.83	19.76	19.78				
5	16QAM	1	12	20.00	19.84	19.86				
5	16QAM	1	24	19.57	19.51	19.70	21.5	0		
5	16QAM	12	0	19.70	19.49	19.76				
5	16QAM	12	7	19.53	19.60	19.62				
5	16QAM	12	13	19.70	19.77	19.76	21.5	0		
5	16QAM	25	0	19.67	19.67	19.64				
5	64QAM	1	0	19.77	19.74	19.58				
5	64QAM	1	12	19.79	19.61	19.79	21.5	0		
5	64QAM	1	24	19.78	19.63	19.65				
5	64QAM	12	0	19.61	19.56	19.70				
5	64QAM	12	7	19.79	19.67	19.59	21.5	0		
5	64QAM	12	13	19.70	19.54	19.70				
5	64QAM	25	0	19.67	19.56	19.70				

Band 13 Ant1 DSI 4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0		24.27		25.5		
10	QPSK	1	25		24.20				
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31		24.5	1	
10	QPSK	25	12		23.27				
10	QPSK	25	25		23.18				
10	QPSK	50	0		23.23		24.5	1	
10	16QAM	1	0		22.75				
10	16QAM	1	25		22.68				
10	16QAM	1	49		22.67		23.5	2	
10	16QAM	25	0		22.45				
10	16QAM	25	12		22.38				
10	16QAM	25	25		22.31		22.5	3	
10	16QAM	50	0		22.22				
10	64QAM	1	0		21.83				
10	64QAM	1	25		21.70		22.5	3	
10	64QAM	1	49		21.71				
10	64QAM	25	0		20.68		22.5	3	
10	64QAM	25	12		20.58				
10	64QAM	25	25		20.60				
10	64QAM	50	0		20.73				
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.23	24.24	24.14	25.5	0	
5	QPSK	1	12	24.09	24.12	24.09			
5	QPSK	1	24	24.13	24.09	24.18			
5	QPSK	12	0	23.17	23.27	23.19	24.5	1	
5	QPSK	12	7	23.19	23.12	23.23			
5	QPSK	12	13	23.06	23.08	23.06			
5	16QAM	1	0	22.67	22.70	22.65	24.5	1	
5	16QAM	1	12	22.64	22.57	22.65			
5	16QAM	1	24	22.60	22.55	22.52			
5	16QAM	12	0	22.36	22.32	22.41	23.5	2	
5	16QAM	12	7	22.31	22.25	22.30			
5	16QAM	12	13	22.25	22.23	22.17			
5	16QAM	25	0	22.19	22.12	22.09	23.5	2	
5	64QAM	1	0	21.77	21.79	21.76			
5	64QAM	1	12	21.65	21.58	21.56			
5	64QAM	1	24	21.66	21.59	21.63	22.5	3	
5	64QAM	12	0	20.63	20.57	20.55			
5	64QAM	12	7	20.54	20.54	20.51			
5	64QAM	12	13	20.61	20.55	20.56			
5	64QAM	25	0	20.67	20.61	20.69			

Band 38 Ant1 DSI 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	21.88	22.01	21.87	23	0			
20	QPSK	1	49	21.90	21.93	21.96					
20	QPSK	1	99	21.86	21.94	21.82					
20	QPSK	50	0	21.63	21.90	21.80					
20	QPSK	50	24	21.79	21.73	21.85	23	0			
20	QPSK	50	50	21.74	21.71	21.76					
20	QPSK	100	0	21.54	21.67	21.53					
20	16QAM	1	0	21.70	21.66	21.67					
20	16QAM	1	49	21.70	21.61	21.61	23	0			
20	16QAM	1	99	21.37	21.36	21.57					
20	16QAM	50	0	21.64	21.40	21.55					
20	16QAM	50	24	21.45	21.41	21.43					
20	16QAM	50	50	21.53	21.61	21.54	23	0			
20	16QAM	100	0	21.41	21.49	21.59					
20	64QAM	1	0	21.61	21.64	21.40					
20	64QAM	1	49	21.67	21.38	21.60	23	0			
20	64QAM	1	99	21.61	21.43	21.57					
20	64QAM	50	0	21.08	21.17	21.04					
20	64QAM	50	24	20.96	21.05	20.95					
20	64QAM	50	50	20.91	21.05	21.01	22	1			
20	64QAM	100	0	21.46	21.51	21.38					
Channel				37825	38000	38175	Tune-up limit				
Frequency (MHz)				2577.5	2595	2612.5	MPR (dB)				
15	QPSK	1	0	21.75	21.85	21.81	23	0			
15	QPSK	1	37	21.86	21.88	21.92					
15	QPSK	1	74	21.73	21.86	21.69					
15	QPSK	36	0	21.52	21.82	21.65					
15	QPSK	36	20	21.68	21.65	21.72	23	0			
15	QPSK	36	39	21.60	21.65	21.72					
15	QPSK	75	0	21.40	21.57	21.40					
15	16QAM	1	0	21.54	21.62	21.58					
15	16QAM	1	37	21.64	21.48	21.48	23	0			
15	16QAM	1	74	21.23	21.29	21.42					
15	16QAM	36	0	21.50	21.25	21.46					
15	16QAM	36	20	21.39	21.29	21.29					
15	16QAM	36	39	21.41	21.50	21.44	23	0			
15	16QAM	75	0	21.32	21.39	21.52					
15	64QAM	1	0	21.56	21.60	21.25					
15	64QAM	1	37	21.52	21.27	21.47					
15	64QAM	1	74	21.56	21.28	21.51	23	0			
15	64QAM	36	0	21.00	21.05	20.95					
15	64QAM	36	20	20.89	20.98	20.83					
15	64QAM	36	39	20.87	20.99	20.87					
15	64QAM	75	0	21.40	21.41	21.34	Tune-up limit				
Channel				37800	38000	38200	MPR (dB)				
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	21.78	21.93	21.73	23	0			
10	QPSK	1	25	21.86	21.83	21.90					
10	QPSK	1	49	21.81	21.81	21.67					
10	QPSK	25	0	21.55	21.81	21.67					
10	QPSK	25	12	21.73	21.61	21.73	23	0			
10	QPSK	25	25	21.61	21.59	21.65					
10	QPSK	50	0	21.40	21.54	21.43					
10	16QAM	1	0	21.58	21.50	21.51					
10	16QAM	1	25	21.64	21.45	21.54	23	0			
10	16QAM	1	49	21.32	21.25	21.47					
10	16QAM	25	0	21.53	21.35	21.45					
10	16QAM	25	12	21.30	21.27	21.28					
10	16QAM	25	25	21.42	21.56	21.49	23	0			
10	16QAM	50	0	21.36	21.43	21.52					
10	64QAM	1	0	21.51	21.56	21.35					
10	64QAM	1	25	21.58	21.26	21.55					
10	64QAM	1	49	21.48	21.37	21.48	23	0			
10	64QAM	25	0	20.99	21.07	21.00					
10	64QAM	25	12	20.93	21.02	20.86					
10	64QAM	25	25	20.88	21.02	20.93					
10	64QAM	50	0	21.37	21.48	21.33	Tune-up limit				
Channel				37775	38000	38225	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	21.74	21.84	21.80	23	0			
5	QPSK	1	12	21.81	21.85	21.89					
5	QPSK	1	24	21.79	21.80	21.76					
5	QPSK	12	0	21.57	21.86	21.73					
5	QPSK	12	7	21.67	21.63	21.72	23	0			
5	QPSK	12	13	21.64	21.63	21.72					
5	QPSK	25	0	21.42	21.53	21.48					
5	16QAM	1	0	21.60	21.54	21.61					
5	16QAM	1	12	21.57	21.55	21.47	23	0			
5	16QAM	1	24	21.26	21.31	21.49					
5	16QAM	12	0	21.60	21.26	21.46					
5	16QAM	12	7	21.36	21.26	21.36					
5	16QAM	12	13	21.43	21.48	21.40	23	0			
5	16QAM	25	0	21.36	21.44	21.50					
5	64QAM	1	0	21.52	21.56	21.27					
5	64QAM	1	12	21.52	21.26	21.48					
5	64QAM	1	24	21.55	21.29	21.50	22	1			
5	64QAM	12	0	20.99	21.13	20.94					
5	64QAM	12	7	20.88	20.97	20.81					
5	64QAM	12	13	20.84	20.93	20.89					
5	64QAM	25	0	21.34	21.43	21.27	Tune-up limit				

Band 41 Ant1 DSI 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.79	21.82	21.95	21.94	21.89	23	0
20	QPSK	1	49	21.88	21.87	21.85	21.88	21.91		
20	QPSK	1	99	21.92	21.84	21.90	21.85	21.81		
20	QPSK	50	0	21.70	21.65	21.90	21.86	21.86		
20	QPSK	50	24	21.83	21.76	21.71	21.76	21.75	23	0
20	QPSK	50	50	21.75	21.76	21.74	21.73	21.73		
20	QPSK	100	0	21.49	21.55	21.74	21.55	21.48		
20	16QAM	1	0	21.67	21.72	21.64	21.68	21.62		
20	16QAM	1	49	21.72	21.72	21.66	21.68	21.66	23	0
20	16QAM	1	99	21.45	21.38	21.29	21.49	21.54		
20	16QAM	50	0	21.62	21.55	21.44	21.54	21.54		
20	16QAM	50	24	21.40	21.38	21.38	21.41	21.47		
20	16QAM	50	50	21.62	21.59	21.63	21.51	21.56	23	0
20	16QAM	100	0	21.40	21.48	21.45	21.50	21.51		
20	64QAM	1	0	21.58	21.59	21.61	21.45	21.35		
20	64QAM	1	49	21.64	21.57	21.47	21.63	21.55		
20	64QAM	1	99	21.67	21.67	21.49	21.49	21.55	22	1
20	64QAM	50	0	21.46	21.45	21.41	21.49	21.48		
20	64QAM	50	24	21.66	21.68	21.55	21.41	21.51		
20	64QAM	50	50	21.47	21.45	21.48	21.53	21.58		
20	64QAM	100	0	21.50	21.47	21.36	21.55	21.50	Tune-up limit (dBm)	
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.6	2682.5		
15	QPSK	1	0	21.84	21.77	21.89	21.79	21.74	23	0
15	QPSK	1	37	21.77	21.83	21.77	21.73	21.85		
15	QPSK	1	74	21.81	21.75	21.78	21.73	21.68		
15	QPSK	36	0	21.65	21.61	21.76	21.72	21.76		
15	QPSK	36	20	21.77	21.67	21.59	21.67	21.65	23	0
15	QPSK	36	39	21.69	21.66	21.61	21.63	21.59		
15	QPSK	75	0	21.45	21.49	21.68	21.44	21.33		
15	16QAM	1	0	21.59	21.61	21.52	21.57	21.53		
15	16QAM	1	37	21.61	21.61	21.55	21.59	21.59	23	0
15	16QAM	1	74	21.31	21.31	21.33	21.42	21.44		
15	16QAM	36	0	21.55	21.50	21.32	21.43	21.47		
15	16QAM	36	20	21.27	21.25	21.31	21.33	21.36		
15	16QAM	36	39	21.54	21.44	21.58	21.38	21.44	23	0
15	16QAM	75	0	21.31	21.37	21.39	21.35	21.43		
15	64QAM	1	0	21.44	21.52	21.56	21.30	21.20		
15	64QAM	1	37	21.58	21.44	21.42	21.53	21.40		
15	64QAM	1	74	21.58	21.55	21.44	21.45	21.45	23	0
15	64QAM	36	0	21.33	21.37	21.27	21.34	21.37		
15	64QAM	36	20	21.61	21.55	21.48	21.36	21.40		
15	64QAM	36	39	21.36	21.36	21.38	21.38	21.43		
15	64QAM	75	0	21.35	21.40	21.29	21.47	21.39	Tune-up limit (dBm)	
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.67	21.74	21.89	21.80	21.79	23	0
10	QPSK	1	25	21.83	21.71	21.71	21.82	21.77		
10	QPSK	1	49	21.83	21.77	21.79	21.81	21.65		
10	QPSK	25	0	21.56	21.56	21.75	21.78	21.75		
10	QPSK	25	12	21.75	21.64	21.55	21.67	21.70	23	0
10	QPSK	25	25	21.59	21.64	21.63	21.66	21.64		
10	QPSK	50	0	21.33	21.40	21.69	21.48	21.42		
10	16QAM	1	0	21.58	21.56	21.50	21.63	21.57		
10	16QAM	1	25	21.63	21.58	21.59	21.54	21.54	23	0
10	16QAM	1	49	21.29	21.33	21.15	21.43	21.44		
10	16QAM	25	0	21.47	21.47	21.33	21.42	21.46		
10	16QAM	25	12	21.31	21.25	21.34	21.28	21.34		
10	16QAM	25	25	21.51	21.48	21.52	21.46	21.49	23	0
10	16QAM	50	0	21.29	21.36	21.34	21.34	21.46		
10	64QAM	1	0	21.47	21.45	21.56	21.40	21.28		
10	64QAM	1	25	21.54	21.51	21.36	21.49	21.42		
10	64QAM	1	49	21.57	21.54	21.44	21.42	21.41	22	1
10	64QAM	25	0	21.32	21.38	21.35	21.41	21.44		
10	64QAM	25	12	21.51	21.57	21.47	21.29	21.45		
10	64QAM	25	25	21.35	21.38	21.35	21.38	21.43		
10	64QAM	50	0	21.45	21.37	21.26	21.45	21.40	Tune-up limit (dBm)	
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2543.8	2593	2643.9	2687.5		
5	QPSK	1	0	21.73	21.79	21.85	21.89	21.79	23	0
5	QPSK	1	12	21.80	21.75	21.77	21.82	21.76		
5	QPSK	1	24	21.86	21.79	21.77	21.72	21.76		
5	QPSK	12	0	21.55	21.60	21.75	21.70	21.75		
5	QPSK	12	7	21.72	21.69	21.61	21.67	21.69	23	0
5	QPSK	12	13	21.66	21.71	21.64	21.59	21.60		
5	QPSK	25	0	21.42	21.46	21.65	21.49	21.42		
5	16QAM	1	0	21.58	21.58	21.53	21.56	21.48		
5	16QAM	1	12	21.64	21.62	21.53	21.53	21.59	23	0
5	16QAM	1	24	21.33	21.22	21.15	21.43	21.39		
5	16QAM	12	0	21.57	21.46	21.35	21.42	21.40		
5	16QAM	12	7	21.35	21.23	21.25	21.28	21.35		
5	16QAM	12	13	21.51	21.45	21.49	21.40	21.42	23	0
5	16QAM	25	0	21.27	21.37	21.29	21.39	21.36		
5	64QAM	1	0	21.46	21.46	21.55	21.30	21.26		
5	64QAM	1	12	21.51	21.51	21.42	21.47	21.40		
5	64QAM	1	24	21.61	21.60	21.41	21.40	21.40	22	1
5	64QAM	12	0	21.31	21.30	21.33	21.34	21.42		
5	64QAM	12	7	21.57	21.63	21.46	21.37	21.47		
5	64QAM	12	13	21.39	21.38	21.43	21.39	21.44		
5	64QAM	25	0	21.42	21.32	21.20	21.49	21.45		

GSM850 Ant4 DSI 4							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	128	189	251		128	189	251
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.10	32.01	33.50	23.07	23.10	23.01
GPRS 1 Tx slot	32.13	32.11	32.04	33.50	23.13	23.11	23.04
GPRS 2 Tx slots	30.66	30.61	30.53	31.50	24.66	24.61	24.53
GPRS 3 Tx slots	28.86	28.83	28.71	29.50	24.62	24.57	24.45
GPRS 4 Tx slots	28.94	28.87	28.72	27.00	23.94	23.87	23.72
EDGE 1 Tx slot	26.46	26.58	26.50	28.00	17.46	17.58	17.50
EDGE 2 Tx slots	23.18	23.30	23.20	25.00	17.18	17.30	17.20
EDGE 3 Tx slots	21.23	21.36	21.21	23.20	16.97	17.10	16.95
EDGE 4 Tx slots	20.59	20.74	20.61	22.00	17.59	17.74	17.61

GSM1900 Ant4 DSI 4							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	
GSM 1 Tx slot	27.51	27.52	27.57	29.50	18.51	18.52	18.57
GPRS 1 Tx slot	27.52	27.54	27.73	29.50	18.52	18.54	18.73
GPRS 2 Tx slots	24.52	24.64	24.94	26.50	18.52	18.64	18.94
GPRS 3 Tx slots	22.63	22.75	23.07	24.50	18.37	18.49	18.81
GPRS 4 Tx slots	21.88	22.15	22.13	23.50	18.68	19.15	19.13
EDGE 1 Tx slot	24.16	24.02	24.38	26.00	15.16	15.02	15.38
EDGE 2 Tx slots	21.37	21.34	21.54	23.00	15.37	15.34	15.54
EDGE 3 Tx slots	19.30	19.21	19.57	21.20	15.04	14.95	15.31
EDGE 4 Tx slots	18.11	18.12	18.26	20.00	15.11	15.12	15.26

		WCDMA II Ant4 DSI 4			WCDMA IV Ant4 DSI 4			WCDMA V Ant4 DSI 4					
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			WCDMA V					
	TX Channel	9262	9400		9538	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	
	RX Channel	9662	9800		9938	1537	1638	1738	4367	4602	4647	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	18.22	18.27	18.32	20.00	23.13	23.21	23.15	25.00	22.40	22.59	22.57	24.00
3GPP Rel 99	RMC 12.2Kbps	18.32	18.35	18.29	20.00	23.17	23.28	23.21	25.00	22.51	22.63	22.61	24.00
3GPP Rel 6	HSDPA Subtest-1	17.49	17.38	17.29	19.00	22.14	22.36	22.27	24.00	21.55	21.73	21.71	23.00
3GPP Rel 6	HSDPA Subtest-2	17.51	17.27	17.32	19.00	22.19	22.27	22.21	24.00	21.61	21.74	21.68	23.00
3GPP Rel 6	HSDPA Subtest-3	16.95	16.86	16.92	18.50	21.72	21.84	21.85	23.50	21.01	21.33	21.24	22.50
3GPP Rel 6	HSDPA Subtest-4	16.88	16.74	16.68	18.50	21.63	21.77	21.76	23.50	20.83	21.20	21.13	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.48	17.33	17.44	19.00	22.22	22.25	22.31	24.00	21.51	21.70	21.71	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.34	17.33	17.34	19.00	22.10	22.23	22.25	24.00	21.50	21.74	21.58	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.82	16.77	16.75	18.50	21.55	21.74	21.73	23.50	20.91	21.10	21.00	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.81	16.76	16.73	18.50	21.62	21.60	21.60	23.50	20.79	20.92	20.96	22.50
3GPP Rel 6	HSDPA Subtest-1	17.43	17.22	17.28	19.00	22.07	22.17	22.21	24.00	21.37	21.67	21.58	23.00
3GPP Rel 6	HSDPA Subtest-2	15.51	15.39	15.44	17.00	20.16	20.28	20.32	22.00	19.57	19.78	19.69	21.00
3GPP Rel 6	HSDPA Subtest-3	16.51	16.37	16.46	18.00	21.20	21.41	21.40	22.00	20.77	20.97	20.91	21.00
3GPP Rel 6	HSDPA Subtest-4	15.43	15.32	15.31	17.00	20.14	20.29	20.29	22.00	19.39	19.64	19.69	21.00
3GPP Rel 6	HSDPA Subtest-5	17.35	17.27	17.22	19.00	22.07	22.24	22.25	24.00	21.48	21.61	21.70	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.00	14.83	14.74	16.50	19.72	19.81	19.79	21.50	19.86	19.14	19.18	20.50

Band 2 Ant4 DSI 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1800	1800	1900					
20	QPSK	1	0	18.90	18.90	19.02					
20	QPSK	1	49	19.02	19.01	19.03		0			
20	QPSK	1	99	18.95	18.98	18.94					
20	QPSK	50	0	18.76	18.97	18.90					
20	QPSK	50	24	18.92	18.86	18.94		0			
20	QPSK	50	50	18.93	18.81	18.89					
20	QPSK	100	0	18.63	18.83	18.58					
20	16QAM	1	0	18.81	18.73	18.71					
20	16QAM	1	49	18.80	18.74	18.75		0			
20	16QAM	1	99	18.57	18.42	18.64					
20	16QAM	50	0	18.73	18.49	18.74					
20	16QAM	50	24	18.57	18.47	18.54		0			
20	16QAM	50	50	18.69	18.74	18.64					
20	16QAM	100	0	18.51	18.58	18.57					
20	64QAM	1	0	18.65	18.65	18.54					
20	64QAM	1	49	18.76	18.55	18.65		0			
20	64QAM	1	99	18.77	18.57	18.67					
20	64QAM	50	0	18.53	18.58	18.55					
20	64QAM	50	24	18.75	18.66	18.51		0			
20	64QAM	50	50	18.49	18.58	18.59					
20	64QAM	100	0	18.58	18.52	18.63					
Channel											
Frequency (MHz)				1807.5	1800	1902.5	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	0	18.84	18.98	18.90					
15	QPSK	1	37	18.89	18.94	18.94		0			
15	QPSK	1	74	18.89	18.83	18.82					
15	QPSK	36	0	18.64	18.90	18.79					
15	QPSK	36	20	18.80	18.81	18.88		0			
15	QPSK	36	39	18.78	18.70	18.80					
15	QPSK	75	0	18.48	18.66	18.43					
15	16QAM	1	0	18.86	18.84	18.59					
15	16QAM	1	37	18.72	18.65	18.70		0			
15	16QAM	1	74	18.43	18.26	18.51					
15	16QAM	36	0	18.58	18.35	18.64					
15	16QAM	36	20	18.49	18.42	18.48		0			
15	16QAM	36	39	18.61	18.59	18.59					
15	16QAM	75	0	18.45	18.46	18.46					
15	64QAM	1	0	18.56	18.56	18.38					
15	64QAM	1	37	18.60	18.50	18.52		0			
15	64QAM	1	74	18.72	18.43	18.57					
15	64QAM	36	0	18.49	18.47	18.50					
15	64QAM	36	20	18.71	18.55	18.43		0			
15	64QAM	36	39	18.38	18.45	18.51					
15	64QAM	75	0	18.50	18.40	18.49					
Channel											
Frequency (MHz)				18050	18000	19150	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	0	18.82	19.00	18.94					
10	QPSK	1	25	18.93	18.95	18.92		0			
10	QPSK	1	49	18.80	18.83	18.89					
10	QPSK	25	0	18.69	18.91	18.77					
10	QPSK	25	12	18.84	18.74	18.86		0			
10	QPSK	25	25	18.87	18.74	18.80					
10	QPSK	50	0	18.52	18.70	18.47					
10	16QAM	1	0	18.72	18.68	18.65					
10	16QAM	1	25	18.65	18.69	18.67		0			
10	16QAM	1	49	18.47	18.27	18.57					
10	16QAM	25	0	18.66	18.42	18.67					
10	16QAM	25	12	18.52	18.41	18.43		0			
10	16QAM	25	25	18.55	18.63	18.50					
10	16QAM	50	0	18.39	18.46	18.45					
10	64QAM	1	0	18.54	18.53	18.39					
10	64QAM	1	25	18.71	18.47	18.60		0			
10	64QAM	1	49	18.68	18.44	18.54					
10	64QAM	25	0	18.47	18.43	18.47					
10	64QAM	25	12	18.69	18.52	18.35		0			
10	64QAM	25	25	18.36	18.51	18.48					
10	64QAM	50	0	18.53	18.43	18.54					
Channel											
Frequency (MHz)				18025	18000	19175	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	0	18.83	19.04	18.90					
5	QPSK	1	12	18.98	18.90	18.88		0			
5	QPSK	1	24	18.82	18.91	18.82					
5	QPSK	12	0	18.67	18.92	18.78					
5	QPSK	12	7	18.83	18.75	18.88		0			
5	QPSK	12	13	18.87	18.75	18.83					
5	QPSK	25	0	18.56	18.71	18.48					
5	16QAM	1	0	18.73	18.60	18.65					
5	16QAM	1	12	18.70	18.60	18.66		0			
5	16QAM	1	24	18.51	18.31	18.58					
5	16QAM	12	0	18.68	18.41	18.60					
5	16QAM	12	7	18.48	18.33	18.49		0			
5	16QAM	12	13	18.56	18.69	18.53					
5	16QAM	25	0	18.35	18.45	18.51					
5	64QAM	1	0	18.56	18.52	18.47					
5	64QAM	1	12	18.70	18.41	18.51		0			
5	64QAM	1	24	18.68	18.52	18.52					
5	64QAM	12	0	18.39	18.48	18.40					
5	64QAM	12	7	18.69	18.52	18.40		0			
5	64QAM	12	13	18.39	18.54	18.45					
5	64QAM	25	0	18.47	18.37	18.49					
Channel											
Frequency (MHz)				18015	18000	19005	Tune-up limit (dBm)	MPR (dB)			
3	QPSK	1	0	18.77	19.00	18.91					
3	QPSK	1	8	18.96	18.90	18.95		0			
3	QPSK	1	14	18.82	18.89	18.86					
3	QPSK	8	0	18.65	18.92	18.76					
3	QPSK	8	4	18.84	18.75	18.81		0			
3	QPSK	8	7	18.80	18.67	18.74					
3	QPSK	15	0	18.59	18.74	18.48					
3	16QAM	1	0	18.74	18.67	18.62					
3	16QAM	1	8	18.72	18.61	18.61		0			
3	16QAM	1	14	18.47	18.28	18.59					
3	16QAM	8	0	18.60	18.35	18.63					
3	16QAM	8	4	18.43	18.40	18.45		0			
3	16QAM	8	7	18.58	18.64	18.57					
3	16QAM	15	0	18.38	18.43	18.52					
3	64QAM	1	0	18.57	18.57	18.42					
3	64QAM	1	8	18.68	18.43	18.54		0			
3	64QAM	1	14	18.72	18.42	18.53					
3	64QAM	8	0	18.38	18.44	18.42					
3	64QAM	8	4	18.61	18.60	18.43		0			
3	64QAM	8	7	18.44	18.48	18.47					
3	64QAM	15	0	18.53	18.44	18.50					
Channel											
Frequency (MHz)				18007	18000	19193	Tune-up limit (dBm)	MPR (dB)			
1.4	QPSK	1	0	18.81	18.97	18.91					
1.4	QPSK	1	3	18.89	18.88	18.99		0			
1.4	QPSK	1	5	18.83	18.84	18.93					
1.4	QPSK	3	0	18.68	18.82	18.79					
1.4	QPSK	3	1	18.80	18.78	18.86		0			
1.4	QPSK	3	3	18.82	18.66	18.82					
1.4	QPSK	6	0	18.57	18.68	18.62					
1.4	16QAM	1	0	18.85	18.84	18.82		0			
1.4	16QAM	1	3	18.68	18.68	18.71					
1.4	16QAM	1	5	18.43	18.38	18.53		0			
1.4	16QAM	3	0	18.66	18.37	18.68					
1.4	16QAM	3	3	18.47	18.39	18.47					
1.4	16QAM	3	6	18.62	18.63	18.55		0			
1.4	16QAM	6	0	18.41	18.33	18.51					
1.4	16QAM	1	0	18.51	18.51	18.46					
1.4	16QAM	1	3	18.65	18.49	18.60		0			
1.4	16QAM	1	5	18.65	18.49	18.52					
1.4	64QAM	3	0	18.38	18.51	18.60					
1.4	64QAM	3	3	18.71	18.58	18.45		0			
1.4	64QAM	3	6	18.36	18.54	18.50					
1.4	64QAM	6	0	18.46	18.47	18.51					

Band 7 Ant4 DSI 4										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	18.59	18.60	18.60	19.5	0		
20	QPSK	1	49	18.57	18.61	18.62				
20	QPSK	1	99	18.65	18.56	18.60				
20	QPSK	50	0	18.40	18.63	18.52	19.5	0		
20	QPSK	50	24	18.54	18.49	18.53				
20	QPSK	50	50	18.51	18.44	18.47				
20	QPSK	100	0	18.33	18.40	18.27	19.5	0		
20	16QAM	1	0	18.46	18.30	18.41				
20	16QAM	1	49	18.54	18.36	18.42				
20	16QAM	1	99	18.17	18.04	18.22	19.5	0		
20	16QAM	50	0	18.36	18.14	18.38				
20	16QAM	50	24	18.18	18.11	18.26				
20	16QAM	50	50	18.31	18.27	18.27	19.5	0		
20	16QAM	100	0	18.20	18.19	18.24				
20	84QAM	1	0	18.33	18.28	18.11				
20	84QAM	1	49	18.40	18.21	18.33	19.5	0		
20	84QAM	1	99	18.36	18.22	18.26				
20	84QAM	50	0	18.21	18.15	18.26				
20	84QAM	50	24	18.38	18.35	18.26	19.5	0		
20	84QAM	50	50	18.17	18.18	18.35				
20	84QAM	100	0	18.24	18.14	18.31				
Channel				20825	21100	21375	Tune- up limit			
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	18.48	18.60	18.44	19.5	0		
15	QPSK	1	37	18.51	18.47	18.47				
15	QPSK	1	74	18.53	18.53	18.54				
15	QPSK	36	0	18.30	18.51	18.45	19.5	0		
15	QPSK	36	20	18.45	18.42	18.39				
15	QPSK	36	39	18.41	18.37	18.35				
15	QPSK	75	0	18.20	18.30	18.21	19.5	0		
15	16QAM	1	0	18.33	18.23	18.28				
15	16QAM	1	37	18.45	18.25	18.36				
15	16QAM	1	74	18.02	17.99	18.16	19.5	0		
15	16QAM	36	0	18.31	18.01	18.27				
15	16QAM	36	20	18.14	17.98	18.21				
15	16QAM	36	39	18.20	18.11	18.19	19.5	0		
15	16QAM	75	0	18.33	18.04	18.14				
15	84QAM	1	0	18.22	18.17	17.98				
15	84QAM	1	37	18.34	18.14	18.27	19.5	0		
15	84QAM	1	74	18.30	18.14	18.15				
15	84QAM	36	0	18.14	18.06	18.11				
15	84QAM	36	20	18.27	18.27	18.15	19.5	0		
15	84QAM	36	39	18.04	18.04	18.20				
15	84QAM	75	0	18.20	17.99	18.22				
Channel				20900	21100	21400	Tune- up limit			
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	18.48	18.53	18.46	19.5	0		
10	QPSK	1	25	18.43	18.57	18.55				
10	QPSK	1	49	18.54	18.52	18.54				
10	QPSK	25	0	18.27	18.55	18.36	19.5	0		
10	QPSK	25	12	18.46	18.40	18.40				
10	QPSK	25	25	18.42	18.37	18.42				
10	QPSK	50	0	18.28	18.28	18.13	19.5	0		
10	16QAM	1	0	18.39	18.18	18.35				
10	16QAM	1	25	18.46	18.25	18.31				
10	16QAM	1	49	18.13	17.93	18.18	19.5	0		
10	16QAM	25	0	18.30	17.99	18.24				
10	16QAM	25	12	18.03	17.98	18.12				
10	16QAM	25	25	18.20	18.16	18.11	19.5	0		
10	16QAM	50	0	18.14	18.07	18.17				
10	84QAM	1	0	18.25	18.19	18.03				
10	84QAM	1	25	18.29	18.09	18.26	19.5	0		
10	84QAM	1	49	18.28	18.09	18.15				
10	84QAM	25	0	18.08	18.03	18.11				
10	84QAM	25	12	18.27	18.19	18.19	19.5	0		
10	84QAM	25	25	18.03	18.12	18.26				
10	84QAM	50	0	18.12	18.04	18.25				
Channel				20775	21100	21425	Tune- up limit			
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	18.43	18.57	18.51	19.5	0		
5	QPSK	1	12	18.43	18.52	18.48				
5	QPSK	1	24	18.49	18.56	18.46				
5	QPSK	12	0	18.26	18.52	18.45	19.5	0		
5	QPSK	12	7	18.49	18.37	18.48				
5	QPSK	12	13	18.43	18.38	18.31				
5	QPSK	25	0	18.26	18.27	18.16	19.5	0		
5	16QAM	1	0	18.38	18.22	18.36				
5	16QAM	1	12	18.39	18.23	18.29				
5	16QAM	1	24	18.04	17.89	18.09	19.5	0		
5	16QAM	12	0	18.23	18.03	18.31				
5	16QAM	12	7	18.05	18.06	18.19				
5	16QAM	12	13	18.18	18.13	18.12	19.5	0		
5	16QAM	25	0	18.10	18.11	18.14				
5	84QAM	1	0	18.25	18.19	17.95				
5	84QAM	1	12	18.28	18.13	18.22	19.5	0		
5	84QAM	1	24	18.25	18.13	18.17				
5	84QAM	12	0	18.10	18.09	18.18				
5	84QAM	12	7	18.33	18.30	18.18	19.5	0		
5	84QAM	12	13	18.09	18.09	18.31				
5	84QAM	25	0	18.17	18.09	18.22				

Band 13 DSI 4									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0		24.13		25		
10	QPSK	1	25		24.05				
10	QPSK	1	49		24.05				
10	QPSK	25	0		23.12		24	1	
10	QPSK	25	12		22.70				
10	QPSK	25	25		22.75				
10	QPSK	50	0		23.07		24	1	
10	16QAM	1	0		22.67				
10	16QAM	1	25		22.57				
10	16QAM	1	49		22.53		23	2	
10	16QAM	25	0		22.78				
10	16QAM	25	12		22.66				
10	16QAM	25	25		22.68		22	3	
10	16QAM	50	0		21.73				
10	84QAM	1	0		21.67				
10	84QAM	1	25		21.59		23	2	
10	84QAM	1	49		21.64				
10	84QAM	25	0		20.63		22	3	
10	84QAM	25	12		20.56				
10	84QAM	25	25		20.59				
10	84QAM	50	0		20.53				
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.08	23.99	24.03	25	0	
5	QPSK	1	12	24.01	24.00	23.94			
5	QPSK	1	24	23.96	23.99	23.93			
5	QPSK	12	0	23.01	23.07	23.08	24	1	
5	QPSK	12	7	22.62	22.59	22.62			
5	QPSK	12	13	22.64	22.67	22.72			
5	QPSK	25	0	22.88	22.98	22.75	24	1	
5	16QAM	1	0	22.52	22.62	22.58			
5	16QAM	1	12	22.53	22.52	22.57			
5	16QAM	1	24	22.60	22.57	22.58	23	2	
5	16QAM	12	0	22.66	22.65	22.66			
5	16QAM	12	7	22.59	22.53	22.64			
5	16QAM	12	13	22.55	22.53	22.64	22	3	
5	16QAM	25	0	21.65	21.60	21.64			
5	84QAM	1	0	21.61	21.64	21.61			
5	84QAM	1	12	21.52	21.56	21.51	23	2	
5	84QAM	1	24	21.53	21.55	21.59			
5	84QAM	12	0	20.57	20.50	20.57			
5	84QAM	12	7	20.56	20.50	20.52	22	3	
5	84QAM	12	13	20.54	20.56	20.51			
5	84QAM	25	0	20.54	20.51	20.59			

Band 38 Ant4 DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.58	20.71	20.66	21.5	0	
20	QPSK	1	49	20.62	20.64	20.63			
20	QPSK	1	99	20.57	20.68	20.56			
20	QPSK	50	0	20.46	20.66	20.62			
20	QPSK	50	24	20.51	20.43	20.49	21.5	0	
20	QPSK	50	50	20.54	20.46	20.45			
20	QPSK	100	0	20.28	20.51	20.25			
20	16QAM	1	0	20.37	20.37	20.46			
20	16QAM	1	49	20.47	20.43	20.35	21.5	0	
20	16QAM	1	99	20.19	20.06	20.21			
20	16QAM	50	0	20.41	20.11	20.33			
20	16QAM	50	24	20.17	20.15	20.18			
20	16QAM	50	50	20.39	20.37	20.26	21.5	0	
20	16QAM	100	0	20.25	20.13	20.27			
20	64QAM	1	0	20.32	20.32	20.15			
20	64QAM	1	49	20.42	20.19	20.38			
20	64QAM	1	99	20.41	20.20	20.29	21.5	0	
20	64QAM	50	0	20.15	20.17	20.25			
20	64QAM	50	24	20.35	20.23	20.18			
20	64QAM	50	50	20.19	20.20	20.31			
20	64QAM	100	0	20.21	20.16	20.28	Tune-up limit	MPR (dB)	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	20.45	20.53	20.58	21.5	0	
15	QPSK	1	37	20.56	20.57	20.62			
15	QPSK	1	74	20.51	20.60	20.50			
15	QPSK	36	0	20.32	20.56	20.53			
15	QPSK	36	20	20.42	20.33	20.39	21.5	0	
15	QPSK	36	39	20.41	20.31	20.40			
15	QPSK	75	0	20.19	20.43	20.18			
15	16QAM	1	0	20.27	20.33	20.40			
15	16QAM	1	37	20.38	20.36	20.21	21.5	0	
15	16QAM	1	74	20.09	19.95	20.14			
15	16QAM	36	0	20.29	19.96	20.23			
15	16QAM	36	20	20.03	20.07	20.05			
15	16QAM	36	39	20.28	20.25	20.16	21.5	0	
15	16QAM	75	0	20.12	20.00	20.13			
15	64QAM	1	0	20.19	20.16	20.04			
15	64QAM	1	37	20.35	20.14	20.25			
15	64QAM	1	74	20.29	20.07	20.18	21.5	0	
15	64QAM	36	0	20.00	20.10	20.10			
15	64QAM	36	20	20.25	20.08	20.05			
15	64QAM	36	39	20.10	20.07	20.20			
15	64QAM	75	0	20.15	20.01	20.14	Tune-up limit	MPR (dB)	
Channel				37800	38000	38200			
Frequency (MHz)				2575 <th>2595<th>2615</th></th>	2595 <th>2615</th>	2615			
10	QPSK	1	0	20.50	20.50	20.61	21.5	0	
10	QPSK	1	25	20.53	20.55	20.66			
10	QPSK	1	49	20.50	20.53	20.44			
10	QPSK	25	0	20.41	20.50	20.52			
10	QPSK	25	12	20.45	20.33	20.35	21.5	0	
10	QPSK	25	25	20.47	20.41	20.37			
10	QPSK	50	0	20.18	20.44	20.10			
10	16QAM	1	0	20.23	20.24	20.42			
10	16QAM	1	25	20.34	20.29	20.25	21.5	0	
10	16QAM	1	49	20.06	19.91	20.10			
10	16QAM	25	0	20.29	20.07	20.22			
10	16QAM	25	12	20.09	19.99	20.11			
10	16QAM	25	25	20.34	20.25	20.15	21.5	0	
10	16QAM	50	0	20.19	19.98	20.22			
10	64QAM	1	0	20.17	20.22	20.03			
10	64QAM	1	25	20.33	20.06	20.23			
10	64QAM	1	49	20.35	20.13	20.17	21.5	0	
10	64QAM	25	0	20.07	20.07	20.18			
10	64QAM	25	12	20.25	20.18	20.12			
10	64QAM	25	25	20.08	20.12	20.23			
10	64QAM	50	0	20.06	20.11	20.21	Tune-up limit	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595 <th>2617.5</th>	2617.5			
5	QPSK	1	0	20.48	20.50	20.62	21.5	0	
5	QPSK	1	12	20.57	20.52	20.57			
5	QPSK	1	24	20.50	20.64	20.52			
5	QPSK	12	0	20.37	20.52	20.50			
5	QPSK	12	7	20.41	20.36	20.35	21.5	0	
5	QPSK	12	13	20.44	20.36	20.40			
5	QPSK	25	0	20.20	20.40	20.13			
5	16QAM	1	0	20.27	20.30	20.41			
5	16QAM	1	12	20.35	20.33	20.29	21.5	0	
5	16QAM	1	24	20.08	19.97	20.14			
5	16QAM	12	0	20.33	20.01	20.28			
5	16QAM	12	7	20.10	20.05	20.06			
5	16QAM	12	13	20.24	20.30	20.12	21.5	0	
5	16QAM	25	0	20.12	20.06	20.17			
5	64QAM	1	0	20.24	20.26	20.09			
5	64QAM	1	12	20.28	20.10	20.28			
5	64QAM	1	24	20.37	20.08	20.17	21.5	0	
5	64QAM	12	0	20.06	20.06	20.19			
5	64QAM	12	7	20.25	20.16	20.09			
5	64QAM	12	13	20.03	20.09	20.23			
5	64QAM	25	0	20.10	20.03	20.15	Tune-up limit	MPR (dB)	

Band 41 Ant4 DSI 4										
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)	MP (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.51	20.59	20.71	20.62	20.66	21.5	0
20	QPSK	1	49	20.57	20.56	20.65	20.64	20.64		
20	QPSK	1	99	20.65	20.61	20.70	20.63	20.56		
20	QPSK	50	0	20.48	20.40	20.62	20.60	20.58		
20	QPSK	50	24	20.59	20.61	20.53	20.59	20.56	21.5	0
20	QPSK	50	50	20.55	20.57	20.47	20.50	20.48		
20	QPSK	100	0	20.23	20.27	20.43	20.32	20.24		
20	16QAM	1	0	20.42	20.37	20.32	20.40	20.44		
20	16QAM	1	49	20.49	20.49	20.36	20.41	20.43	21.5	0
20	16QAM	1	99	20.13	20.22	20.11	20.28	20.24		
20	16QAM	50	0	20.38	20.41	20.20	20.28	20.30		
20	16QAM	50	24	20.17	20.16	20.21	20.20	20.20		
20	16QAM	50	50	20.34	20.29	20.29	20.33	20.30	21.5	0
20	16QAM	100	0	20.15	20.24	20.21	20.25	20.27		
20	64QAM	1	0	20.34	20.33	20.33	20.17	20.19		
20	64QAM	1	49	20.37	20.40	20.22	20.31	20.37		
20	64QAM	1	99	20.38	20.39	20.17	20.29	20.23	21.5	0
20	64QAM	50	0	20.12	20.18	20.21	20.23	20.18		
20	64QAM	50	24	20.32	20.43	20.35	20.20	20.25		
20	64QAM	50	50	20.19	20.20	20.26	20.31	20.29		
20	64QAM	100	0	20.28	20.23	20.13	20.34	20.35	Tune-up limit	MP (dB)
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.41	20.44	20.58	20.53	20.57	22	0
15	QPSK	1	37	20.53	20.46	20.54	20.64	20.55		
15	QPSK	1	74	20.53	20.57	20.62	20.49	20.42		
15	QPSK	36	0	20.42	20.34	20.55	20.53	20.50		
15	QPSK	36	20	20.55	20.52	20.52	20.46	20.45	21.5	0
15	QPSK	36	39	20.41	20.41	20.36	20.40	20.37		
15	QPSK	75	0	20.11	20.16	20.33	20.19	20.08		
15	16QAM	1	0	20.36	20.32	20.24	20.34	20.31		
15	16QAM	1	37	20.37	20.36	20.20	20.29	20.26	21.5	0
15	16QAM	1	74	20.06	20.10	19.99	20.16	20.19		
15	16QAM	36	0	20.26	20.29	20.10	20.12	20.15		
15	16QAM	36	20	20.11	20.01	20.16	20.12	20.07		
15	16QAM	36	39	20.26	20.22	20.14	20.24	20.19	21.5	0
15	16QAM	75	0	19.99	20.14	20.12	20.11	20.19		
15	64QAM	1	0	20.19	20.18	20.24	20.02	20.13		
15	64QAM	1	37	20.22	20.27	20.16	20.18	20.27		
15	64QAM	1	74	20.30	20.27	20.10	20.24	20.12	21.5	0
15	64QAM	36	0	20.07	20.08	20.09	20.07	20.12		
15	64QAM	36	20	20.21	20.30	20.19	20.04	20.19		
15	64QAM	39	0	20.20	20.05	20.21	20.22	20.22		
15	64QAM	75	0	20.17	20.15	20.01	20.21	20.25	Tune-up limit	MP (dB)
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.47	20.43	20.60	20.46	20.58	22	0
10	QPSK	1	25	20.44	20.44	20.59	20.59	20.57		
10	QPSK	1	49	20.58	20.56	20.58	20.48	20.46		
10	QPSK	25	0	20.43	20.24	20.51	20.48	20.50		
10	QPSK	25	12	20.45	20.47	20.42	20.44	20.45	21.5	0
10	QPSK	25	25	20.49	20.53	20.43	20.43	20.36		
10	QPSK	50	0	20.08	20.14	20.36	20.27	20.19		
10	16QAM	1	0	20.27	20.25	20.18	20.27	20.36		
10	16QAM	1	25	20.38	20.35	20.30	20.28	20.36	21.5	0
10	16QAM	1	49	20.01	20.13	20.03	20.22	20.15		
10	16QAM	25	0	20.26	20.32	20.32	20.21	20.23		
10	16QAM	25	12	20.03	20.12	20.11	20.10	20.09		
10	16QAM	25	25	20.23	20.24	20.17	20.26	20.16	21.5	0
10	16QAM	50	0	20.10	20.11	20.15	20.15	20.21		
10	64QAM	1	0	20.28	20.17	20.27	20.07	20.09		
10	64QAM	1	25	20.25	20.31	20.15	20.17	20.23		
10	64QAM	1	49	20.25	20.28	20.04	20.24	20.16	21.5	0
10	64QAM	25	0	20.07	20.09	20.15	20.14	20.07		
10	64QAM	25	12	20.24	20.37	20.25	20.04	20.14		
10	64QAM	25	25	20.07	20.06	20.19	20.17	20.17		
10	64QAM	50	0	20.17	20.18	19.97	20.23	20.23	Tune-up limit	MP (dB)
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.45	20.47	20.59	20.49	20.52	22	0
5	QPSK	1	12	20.49	20.40	20.57	20.61	20.57		
5	QPSK	1	24	20.51	20.50	20.58	20.50	20.51		
5	QPSK	12	0	20.41	20.28	20.48	20.45	20.42		
5	QPSK	12	7	20.49	20.49	20.39	20.46	20.48	21.5	0
5	QPSK	12	13	20.42	20.43	20.39	20.42	20.41		
5	QPSK	25	0	20.10	20.21	20.34	20.26	20.13		
5	16QAM	1	0	20.32	20.25	20.22	20.33	20.29		
5	16QAM	1	12	20.38	20.35	20.31	20.32	20.38	21.5	0
5	16QAM	1	24	20.01	20.15	20.02	20.16	20.11		
5	16QAM	12	0	20.27	20.33	20.08	20.16	20.14		
5	16QAM	12	7	20.12	20.07	20.10	20.15	20.07		
5	16QAM	12	13	20.23	20.20	20.23	20.25	20.21	21.5	0
5	16QAM	25	0	20.06	20.15	20.11	20.10	20.15		
5	64QAM	1	0	20.19	20.24	20.21	20.07	20.12		
5	64QAM	1	12	20.30	20.34	20.10	20.26	20.26		
5	64QAM	1	24	20.26	20.31	20.04	20.19	20.16	21.5	0
5	64QAM	12	0	20.09	20.03	20.15	20.15	20.13		
5	64QAM	12	7	20.21	20.31	20.25	20.06	20.13		
5	64QAM	12	13	20.23	20.05	20.15	20.19	20.23		
5	64QAM	25	0	20.20	20.10	19.98	20.23	20.19		

<2.4GHz WLAN>

Ant 7				Full Power		For Head Standalone		For Head Simultaneous		For Hotspot Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.42	21.00	17.56	19.00	14.33	16.00	17.56	19.00	98.39
		6	2437	19.23	21.00	17.41	19.00	13.98	16.00	17.41	19.00	
		11	2462	18.92	20.50	16.66	18.50	13.23	16.00	16.66	18.50	
		1	2412	17.68	13.50	11.68	13.50	11.68	13.50	11.68	13.50	
		2	2417	13.86	15.50	13.86	15.50	13.86	15.50	13.86	15.50	
		3	2422	18.29	20.00	17.15	19.00	14.10	16.00	17.15	19.00	
	802.11g 6Mbps	6	2437	19.99	21.50	17.82	19.00	14.17	16.00	17.82	19.00	88.48
		10	2457	17.78	16.50	17.11	16.00	14.12	16.00	17.11	16.00	
		11	2462	10.69	12.50	10.69	12.50	10.69	12.50	10.69	12.50	
		1	2412	11.76	13.50	11.75	13.50	11.75	13.50	11.75	13.50	
		2	2417	12.98	14.50	12.98	14.50	12.98	14.50	12.98	14.50	
		3	2422	17.44	16.00	17.44	16.00	13.42	15.00	17.44	16.00	
	802.11n-HT20 MCS0	6	2437	20.03	21.50	17.80	19.00	14.28	16.00	17.80	19.00	86.63
		10	2457	17.76	19.50	17.28	19.00	14.10	16.00	17.28	19.00	
		11	2462	10.59	12.50	10.59	12.50	10.59	12.50	10.59	12.50	
		1	2412	11.76	13.50	11.75	13.50	11.75	13.50	11.75	13.50	
		2	2417	12.98	14.50	12.98	14.50	12.98	14.50	12.98	14.50	
		3	2422	17.44	16.00	17.44	16.00	13.42	15.00	17.44	16.00	

<5.2GHz WLAN>

Ant 7		Full Power		For Head Standalone		For Hotspot&Body-worn Simultaneous					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %		
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.12	19.00	12.64	14.50	14.60	16.50	90.14	
		40	5200	18.29	19.50	13.21	14.50	14.83	16.50		
		44	5220	17.98	19.50	12.65	14.50	14.53	16.50		
		48	5240	17.47	19.00	11.84	13.50	13.69	15.50		
		36	5180	18.64	18.50	12.99	14.50	14.88	16.50		
		40	5200	17.59	19.00	13.22	14.50	15.35	16.50		
	802.11n-HT20 MCS0	44	5220	17.66	18.50	12.79	14.50	14.09	16.00	88.52	
		48	5240	16.59	16.00	11.96	13.50	14.42	16.00		
		38	5190	13.96	15.50	11.98	13.50	13.67	15.00		
		46	5230	15.07	16.50	11.52	13.50	12.93	14.50		
		36	5180	16.79	19.50	13.24	14.50	15.18	16.50		
		40	5200	17.74	19.00	13.37	14.50	15.46	16.50		
	802.11ac-VHT20 MCS0	44	5220	17.19	18.50	12.73	14.50	14.84	16.50	86.77	
		46	5240	16.73	16.00	12.07	14.00	14.26	16.00		
		38	5190	13.99	15.50	12.67	14.00	14.88	16.00		
		46	5230	15.10	16.50	11.92	13.50	14.05	16.00		
		802.11ac-VHT80 MCS0	42	5210	13.97	15.50	11.81	13.50	13.47	15.00	65.81

<5.3GHz WLAN>

Ant 7		Full Power		For Head Standalone		For Body-worn Simultaneous					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
5.3GHz WLAN	802.11a 6Mbps	52	5280	17.88	19.50	12.74	14.50	14.57	16.50	90.14	
		56	5280	17.83	19.50	12.62	14.50	14.01	16.00		
		60	5300	17.80	19.50	12.66	14.00	13.92	15.50		
		64	5320	17.78	19.50	12.43	14.00	14.30	16.00		
		52	5280	16.96	18.50	12.59	14.50	14.36	16.00		
		56	5280	16.96	18.50	12.53	14.50	14.42	16.00		
	802.11n-HT20 MCS0	60	5300	16.86	19.50	12.51	14.50	14.32	16.00	88.52	
		64	5320	16.88	18.50	12.50	14.00	14.31	16.00		
		54	5270	14.94	16.50	10.87	12.50	13.05	14.50		78.26
		62	5310	14.14	16.00	10.75	12.50	12.97	14.50		
		52	5280	17.11	19.50	12.37	14.00	14.61	16.50		
		56	5280	17.07	18.50	12.38	14.00	14.49	16.00		
	802.11ac-VHT20 MCS0	60	5300	17.01	18.50	12.29	14.00	14.44	16.00	86.77	
		64	5320	17.09	18.50	12.24	14.00	14.42	16.00		
		54	5270	14.99	16.50	11.68	13.50	13.77	15.50		
		62	5310	14.18	16.00	11.57	13.50	13.72	15.50		
		802.11ac-VHT80 MCS0	58	5290	13.24	15.00	10.84	12.50	12.57	14.50	65.81

<5.5GHz WLAN>

Ant 7				Full Power		For Head Standalone		For Body-worn Standalone		For Head Simultaneous		For Body-worn Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5900	17.67	19.00	16.71	18.00	16.15	17.50	12.14	14.00	14.01	16.00	90.14
		116	5980	18.07	19.50	17.11	18.50	16.61	18.00	12.17	14.00	14.32	16.00	
		124	5920	18.43	20.00	17.69	19.00	17.24	18.50	13.26	15.00	15.27	17.00	
		132	5960	18.56	20.00	17.84	19.00	17.26	18.50	13.37	15.00	15.55	17.00	
		140	5700	17.53	19.50	17.53	19.50	17.02	18.50	12.86	14.50	15.23	16.50	
		100	5900	16.97	18.50	16.87	18.50	16.15	18.00	12.01	14.00	14.04	16.00	
	802.11n-HT20 MCS0	116	5980	17.26	18.50	17.26	18.50	16.45	18.00	12.72	14.00	14.34	16.00	88.52
		124	5920	17.66	19.00	17.66	19.00	16.89	18.50	12.99	14.50	15.29	16.50	
		132	5960	17.72	19.00	17.72	19.00	16.98	18.50	13.37	15.00	15.53	17.00	
		140	5700	16.69	18.50	16.68	18.50	16.68	18.50	12.98	14.50	15.29	16.50	
		102	5510	14.93	16.50	14.93	16.50	14.93	16.50	10.42	12.00	12.40	14.00	
		110	5550	14.62	16.50	14.62	16.50	14.62	16.50	10.97	12.00	12.04	14.00	
	802.11ac-VHT20 MCS0	128	5630	15.69	17.50	15.69	17.50	15.69	17.50	11.86	13.50	13.59	15.50	79.26
		134	5670	15.85	17.50	15.85	17.50	15.85	17.50	12.05	14.00	13.90	15.50	
		100	5900	16.98	18.50	16.98	18.50	16.27	18.00	12.01	14.00	13.84	15.50	
		116	5980	17.38	18.50	17.38	18.50	16.58	18.00	12.93	14.00	14.43	16.00	
		124	5920	17.79	19.00	17.79	19.00	17.03	18.50	13.24	15.00	15.53	17.00	
		132	5960	17.84	19.00	17.84	19.00	17.10	18.50	13.33	15.00	15.51	17.00	
	802.11ac-VHT40 MCS0	140	5700	16.81	18.50	16.81	18.50	16.81	18.50	13.17	15.00	15.43	17.00	86.77
		102	5510	14.98	16.50	14.98	16.50	14.98	16.50	11.23	13.00	13.04	15.00	
		110	5550	14.67	16.50	14.67	16.50	14.67	16.50	10.93	12.50	12.77	14.50	
		128	5630	15.73	17.50	15.73	17.50	15.73	17.50	12.45	14.00	14.34	16.00	
		134	5670	15.90	17.50	15.90	17.50	15.90	17.50	13.31	14.50	14.56	16.50	
		106	5630	13.04	14.50	13.04	14.50	13.04	14.50	10.31	12.00	12.09	14.00	
	802.11ac-VHT80 MCS0	122	5610	14.29	15.50	14.29	15.50	14.29	15.50	11.76	13.50	13.60	15.50	79.34
		138	5690	13.84	15.00	13.84	15.00	13.84	15.00	11.85	13.50	13.63	15.50	

<5.8GHz WLAN>

Ant		Full Power		For Head Simultaneous		For Hotspot&body-worn Simultaneous		Duty Cycle %		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)			
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.80	18.50	13.87	15.00	14.54	18.00	90.14
		157	5785	17.34	19.00	14.10	15.50	15.13	16.50	
		166	5825	17.67	19.00	14.17	15.50	15.31	16.50	
	802.11n-HT20 MCS0	149	5745	16.14	18.00	13.45	15.00	14.32	16.00	88.52
		157	5785	16.63	18.50	13.67	15.00	14.27	16.50	
		166	5825	16.96	18.50	13.88	15.00	14.26	16.50	
	802.11n-HT40 MCS0	151	5755	14.53	16.00	12.63	14.00	13.37	15.00	78.28
		159	5795	14.59	16.00	12.47	14.00	13.38	15.00	
		167	5835	14.29	16.00	12.44	15.00	13.53	16.00	
	802.11n-VHT20 MCS0	157	5785	16.78	18.50	13.94	15.00	15.28	16.50	86.77
		166	5825	17.06	18.50	14.06	15.00	15.27	16.50	
		151	5755	14.54	16.00	13.88	15.00	14.01	16.00	
802.11n-VHT40 MCS0	159	5795	14.82	16.00	13.20	15.00	14.49	16.00	75.34	
	167	5835	14.98	16.00	13.25	15.00	14.58	16.00		
802.11ac-VHT80 MCS0									65.81	

BT BR/EDR		Ant 7	Ant7 Full power			
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	10.33	7.44	7.41	12.00
	CH 39	2441	10.41	7.13	6.90	12.00
	CH 78	2480	10.47	7.93	7.91	12.00

BLE_1M		Ant 7	Ant7 Full power	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	6.55	
	CH 19	2440	6.67	
	CH 39	2480	7.58	
Tune-up Limit			8.50	

BLE_2M		Ant 7	Ant7 Full power	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402	7.01	
	CH 19	2440	6.96	
	CH 39	2480	7.54	
Tune-up Limit			8.50	