

Full&Default Power

GSM850 Ant0 Default

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.88	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 Default

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.49	29.69	29.65	30.50	20.49	20.69	20.65	21.50
GPRS 1 Tx slot	29.49	29.61	29.57	30.50	20.49	20.61	20.57	21.50
GPRS 2 Tx slots	25.66	25.77	25.74	26.70	19.66	19.77	19.74	20.70
GPRS 3 Tx slots	23.77	24.06	23.88	25.00	19.51	19.80	19.62	20.74
GPRS 4 Tx slots	22.58	22.72	22.71	24.00	19.58	19.72	19.71	21.00
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.10	17.48	17.63	17.60	18.84
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA V Ant0 Default

Band TX Channel	WCDMA V			Tune-up Limit (dBm)
	4132	4192	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.07	24.20	24.13	25.50
3GPP Rel 99 RMC 12.2Kbps	24.15	24.23	24.21	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.27	23.23	24.00
3GPP Rel 6 HSDPA Subtest-2	23.06	23.32	23.22	24.00
3GPP Rel 6 HSDPA Subtest-3	22.63	22.88	22.81	23.50
3GPP Rel 6 HSDPA Subtest-4	22.54	22.75	22.62	23.50
3GPP Rel 6 DC-HSDPA Subtest-1	22.91	23.17	23.04	24.00
3GPP Rel 6 DC-HSDPA Subtest-2	23.05	23.21	23.18	24.00
3GPP Rel 6 DC-HSDPA Subtest-3	22.58	22.81	22.70	23.50
3GPP Rel 6 DC-HSDPA Subtest-4	22.48	22.71	22.57	23.50
3GPP Rel 6 HSUPA Subtest-1	23.21	23.41	23.38	24.00
3GPP Rel 6 HSUPA Subtest-2	21.14	21.29	21.25	22.00
3GPP Rel 6 HSUPA Subtest-3	22.22	22.45	22.36	23.00
3GPP Rel 6 HSUPA Subtest-4	21.11	21.34	21.19	22.00
3GPP Rel 6 HSUPA Subtest-5	23.15	23.37	23.30	24.00



Band 5 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				824.7	836.5	848.3		
10	QPSK	1	0	24.27	24.32	24.22	25.5	0
10	QPSK	1	25	24.13	24.23	24.20		
10	QPSK	1	49	24.08	24.12	24.08		
10	QPSK	25	0	23.33	23.36	23.23	24.5	1
10	QPSK	25	12	23.28	23.31	23.22		
10	QPSK	25	25	23.27	23.28	23.16		
10	QPSK	50	0	23.24	23.34	23.29	24.5	1
10	16QAM	1	0	23.33	23.47	23.38		
10	16QAM	1	25	23.26	23.33	23.26		
10	16QAM	1	49	23.36	23.37	23.34	23.5	2
10	16QAM	25	0	22.41	22.48	22.41		
10	16QAM	25	12	22.34	22.38	22.31		
10	16QAM	25	25	22.23	22.37	22.35	23.5	2
10	16QAM	50	0	22.47	22.53	22.46		
10	16QAM	1	0	22.57	22.66	22.64		
10	16QAM	1	25	22.50	22.61	22.56	23.5	2
10	16QAM	1	49	22.50	22.53	22.36		
10	16QAM	25	0	21.52	21.57	21.55		
10	16QAM	25	12	21.37	21.42	21.28	22.5	3
10	16QAM	25	25	21.41	21.48	21.40		
10	16QAM	50	0	21.47	21.49	21.45		
Channel				20425	20525	20625		
Frequency (MHz)				828.5	836.5	846.5		
5	QPSK	1	0	24.19	24.21	24.17	25.5	0
5	QPSK	1	12	24.04	24.15	24.08		
5	QPSK	1	24	23.94	24.02	24.01		
5	QPSK	12	0	23.18	23.29	23.09	24.5	1
5	QPSK	12	7	23.22	23.22	23.17		
5	QPSK	12	13	23.16	23.19	23.11		
5	QPSK	25	0	23.16	23.22	23.23	24.5	1
5	16QAM	1	0	23.19	23.43	23.28		
5	16QAM	1	12	23.12	23.24	23.22		
5	16QAM	1	24	23.31	23.26	23.30	24.5	1
5	16QAM	12	0	22.27	22.36	22.29		
5	16QAM	12	7	22.24	22.27	22.23		
5	16QAM	12	13	22.19	22.27	22.30	23.5	2
5	16QAM	25	0	22.36	22.50	22.39		
5	16QAM	1	0	22.47	22.54	22.51		
5	16QAM	1	12	22.43	22.53	22.43	23.5	2
5	16QAM	1	24	22.36	22.41	22.24		
5	16QAM	12	0	21.44	21.44	21.51		
5	16QAM	12	7	21.25	21.28	21.19	22.5	3
5	16QAM	12	13	21.29	21.40	21.28		
5	16QAM	25	0	21.35	21.44	21.36		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.16	24.27	24.08	25.5	0
3	QPSK	1	8	23.98	24.18	24.08		
3	QPSK	1	14	23.99	23.97	24.04		
3	QPSK	8	0	23.30	23.25	23.18	24.5	1
3	QPSK	8	4	23.22	23.23	23.11		
3	QPSK	8	7	23.16	23.17	23.03		
3	QPSK	15	0	23.17	23.43	23.26	24.5	1
3	16QAM	1	0	23.24	23.43	23.26		
3	16QAM	1	8	23.17	23.23	23.13		
3	16QAM	1	14	23.21	23.27	23.20	23.5	2
3	16QAM	8	0	22.34	22.45	22.29		
3	16QAM	8	4	22.27	22.34	22.23		
3	16QAM	8	7	22.15	22.26	22.29	23.5	2
3	16QAM	15	0	22.36	22.44	22.34		
3	16QAM	1	0	22.42	22.58	22.50		
3	16QAM	1	8	22.44	22.58	22.45	23.5	2
3	16QAM	1	14	22.41	22.43	22.29		
3	16QAM	8	0	21.39	21.47	21.51		
3	16QAM	8	4	21.25	21.29	21.24	22.5	3
3	16QAM	8	7	21.38	21.44	21.29		
3	16QAM	15	0	21.39	21.39	21.36		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.23	24.29	24.19	25.5	0
1.4	QPSK	1	3	24.50	24.10	24.13		
1.4	QPSK	1	5	23.97	24.00	23.98		
1.4	QPSK	3	0	24.19	24.29	24.14	24.5	1
1.4	QPSK	3	1	24.14	24.22	24.12		
1.4	QPSK	3	3	24.16	24.18	24.07		
1.4	QPSK	6	0	23.12	23.22	23.24	24.5	1
1.4	16QAM	1	0	23.27	23.37	23.36		
1.4	16QAM	1	3	23.20	23.18	23.20		
1.4	16QAM	1	5	23.32	23.26	23.30	24.5	1
1.4	16QAM	3	0	23.31	23.39	23.32		
1.4	16QAM	3	1	23.27	23.33	23.22		
1.4	16QAM	3	3	23.09	23.29	23.31	23.5	2
1.4	16QAM	6	0	22.38	22.42	22.43		
1.4	16QAM	1	0	22.43	22.61	22.52		
1.4	16QAM	1	3	22.40	22.54	22.41	23.5	2
1.4	16QAM	1	5	22.36	22.46	22.33		
1.4	16QAM	3	0	22.42	22.50	22.52		
1.4	16QAM	3	1	22.29	22.34	22.19	22.5	3
1.4	16QAM	3	3	22.33	22.38	22.32		
1.4	16QAM	6	0	21.43	21.37	21.34		

Band 7 Ant0 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2570	2535	2500		
20	QPSK	1	0	23.73	23.87	23.71	25	0
20	QPSK	1	49	23.75	23.75	23.71		
20	QPSK	1	99	23.80	23.69	23.62		
20	QPSK	50	0	22.81	22.83	22.61	24	1
20	QPSK	50	24	22.72	22.82	22.62		
20	QPSK	50	50	22.81	22.74	22.60		
20	QPSK	100	0	22.72	22.79	22.57	24	1
20	16QAM	1	0	22.90	22.78	22.71		
20	16QAM	1	49	22.82	22.58	22.55		
20	16QAM	1	99	22.70	22.66	22.54	23	2
20	16QAM	50	0	21.92	21.86	21.83		
20	16QAM	50	24	21.82	21.74	21.69		
20	16QAM	50	50	21.92	21.83	21.79	23	2
20	16QAM	100	0	21.81	21.79	21.69		
20	16QAM	1	0	21.74	21.73	21.66		
20	16QAM	1	49	21.74	21.66	21.58	23	2
20	16QAM	1	99	21.88	21.84	21.58		
20	16QAM	50	0	20.52	20.82	20.70		
20	16QAM	50	24	20.81	20.89	20.58	22	3
20	16QAM	50	50	20.69	20.68	20.67		
20	16QAM	100	0	20.84	20.71	20.67		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.69	23.76	23.67	25	0
15	QPSK	1	37	23.62	23.60	23.61		
15	QPSK	1	74	23.73	23.63	23.51		
15	QPSK	36	0	22.75	22.72	22.47	24	1
15	QPSK	36	20	22.58	22.60	22.51		
15	QPSK	36	39	22.69	22.70	22.46		
15	QPSK	75	0	22.74	22.58	22.52	24	1
15	16QAM	1	0	22.85	22.64	22.61		
15	16QAM	1	37	22.67	22.59	22.46		
15	16QAM	1	74	22.67	22.60	22.42	23	2
15	16QAM	36	0	21.80	21.82	21.70		
15	16QAM	36	20	21.75	21.65	21.58		
15	16QAM	36	39	21.81	21.73	21.72	23	2
15	16QAM	75	0	21.89	21.69	21.64		
15	16QAM	1	0	21.68	21.63	21.62		
15	16QAM	1	37	21.62	21.52	21.44	23	2
15	16QAM	1	74	21.59	21.58	21.48		
15	16QAM	36	0	20.68	20.67	20.62		
15	16QAM	36	20	20.75	20.56	20.53	22	3
15	16QAM	36	39	20.84	20.62	20.60		
15	16QAM	75	0	20.77	20.65	20.63		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.61	23.83	23.61	25	0
10	QPSK	1	25	23.72	23.65	23.59		
10	QPSK	1	49	23.66	23.60	23.52		
10	QPSK	25	0	22.68	22.70	22.46	24	1
10	QPSK	25	12	22.57	22.53	22.50		
10	QPSK	25	25	22.76	22.71	22.47		
10	QPSK	50	0	22.86	22.60	22.45	24	1
10	16QAM	1	0	22.90	22.75	22.67		
10	16QAM	1	25	22.78	22.53	22.45		
10	16QAM	1	49	22.66	22.63	22.49	23	2
10	16QAM	25	0	21.81	21.79	21.78		
10	16QAM	25	12	21.68	21.66	21.65		
10	16QAM	25	25	21.84	21.76	21.69	23	2
10	16QAM	50	0	21.72	21.73			



Band 38 Ant0 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.15	24.23	24.07	25.5	0		
20	QPSK	1	49	24.07	24.12	23.98				
20	QPSK	1	99	23.94	24.08	23.98				
20	QPSK	50	0	23.15	23.26	23.17	24.5	1		
20	QPSK	50	24	23.11	23.20	23.13				
20	QPSK	50	50	23.11	23.24	23.15				
20	QPSK	100	0	23.17	23.21	23.07	24.5	1		
20	16QAM	1	0	23.03	23.18	23.12				
20	16QAM	1	49	22.99	23.08	23.03				
20	16QAM	1	99	22.95	23.06	22.98	23.5	2		
20	16QAM	50	0	22.29	22.42	22.31				
20	16QAM	50	24	22.22	22.35	22.31				
20	16QAM	50	50	22.34	22.38	22.25	23.5	2		
20	16QAM	100	0	22.32	22.37	22.32				
20	84QAM	1	0	22.13	22.24	22.20				
20	84QAM	1	49	22.07	22.16	22.06	23.5	2		
20	84QAM	1	99	22.16	22.20	22.14				
20	84QAM	50	0	21.32	21.40	21.29				
20	84QAM	50	24	21.19	21.28	21.15	22.5	3		
20	84QAM	50	50	21.23	21.32	21.20				
20	84QAM	100	0	21.27	21.32	21.25				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	24.10	24.14	24.03	25.5	0		
15	QPSK	1	37	24.00	24.08	23.90				
15	QPSK	1	74	23.91	23.93	23.89				
15	QPSK	36	0	23.00	23.21	23.04	24.5	1		
15	QPSK	36	20	23.04	23.17	23.10				
15	QPSK	36	39	23.07	23.12	23.09				
15	QPSK	75	0	23.04	23.08	23.00	24.5	1		
15	16QAM	1	0	22.94	23.05	23.07				
15	16QAM	1	37	22.91	22.95	22.92				
15	16QAM	1	74	22.86	23.03	22.88	23.5	2		
15	16QAM	36	0	22.19	22.36	22.24				
15	16QAM	36	20	22.10	22.21	22.22				
15	16QAM	36	39	22.29	22.24	22.10	23.5	2		
15	16QAM	75	0	22.27	22.29	22.21				
15	84QAM	1	0	22.05	22.10	22.11				
15	84QAM	1	37	21.95	22.02	21.94	23.5	2		
15	84QAM	1	74	22.04	22.08	22.09				
15	84QAM	36	0	21.22	21.32	21.14				
15	84QAM	36	20	21.08	21.22	21.12	22.5	3		
15	84QAM	36	39	21.10	21.19	21.07				
15	84QAM	75	0	21.16	21.21	21.21				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	24.08	24.15	24.02	25.5	0		
10	QPSK	1	25	23.98	24.02	23.95				
10	QPSK	1	49	23.90	23.93	23.89				
10	QPSK	25	0	23.01	23.22	23.05	24.5	1		
10	QPSK	25	12	23.07	23.14	23.05				
10	QPSK	25	25	22.99	23.18	23.05				
10	QPSK	50	0	23.12	23.13	23.01	24.5	1		
10	16QAM	1	0	22.92	23.08	23.05				
10	16QAM	1	25	22.91	22.94	22.92				
10	16QAM	1	49	22.81	22.98	22.88	23.5	2		
10	16QAM	25	0	22.25	22.29	22.22				
10	16QAM	25	12	22.12	22.28	22.21				
10	16QAM	25	25	22.29	22.32	22.11	23.5	2		
10	16QAM	50	0	22.19	22.27	22.21				
10	84QAM	1	0	22.04	22.16	22.05				
10	84QAM	1	25	21.94	22.04	21.92	23.5	2		
10	84QAM	1	49	22.03	22.15	22.10				
10	84QAM	25	0	21.23	21.27	21.20				
10	84QAM	25	12	21.13	21.20	21.09	22.5	3		
10	84QAM	25	25	21.12	21.19	21.09				
10	84QAM	50	0	21.17	21.27	21.11				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	24.10	24.14	23.96	25.5	0		
5	QPSK	1	12	23.93	24.02	23.90				
5	QPSK	1	24	23.90	23.95	23.83				
5	QPSK	12	0	23.02	23.15	23.05	24.5	1		
5	QPSK	12	7	23.08	23.13	23.07				
5	QPSK	12	13	23.05	23.21	23.11				
5	QPSK	25	0	23.05	23.12	22.97	24.5	1		
5	16QAM	1	0	22.99	23.06	23.06				
5	16QAM	1	12	22.96	23.01	22.98				
5	16QAM	1	24	22.85	22.99	22.90	23.5	2		
5	16QAM	12	0	22.18	22.32	22.24				
5	16QAM	12	7	22.10	22.29	22.24				
5	16QAM	12	13	22.29	22.26	22.16	23.5	2		
5	16QAM	25	0	22.21	22.28	22.19				
5	84QAM	1	0	22.03	22.21	22.12				
5	84QAM	1	12	21.97	22.11	21.95	23.5	2		
5	84QAM	1	24	22.02	22.05	22.06				
5	84QAM	12	0	21.20	21.33	21.26				
5	84QAM	12	7	21.11	21.21	21.06	22.5	3		
5	84QAM	12	13	21.19	21.21	21.08				
5	84QAM	25	0	21.19	21.23	21.17				

Band 41 Ant0 Default												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.06	24.22	24.29	24.26	24.20	25.5	0		
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00				
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98				
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24	24.5	1		
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.10				
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05				
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28	24.5	1		
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22				
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11				
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16	23.5	2		
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31				
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23				
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28	23.5	2		
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29				
20	84QAM	1	0	22.13	22.16	22.23	22.10	22.10				
20	84QAM	1	49	22.08	22.13	22.18	22.14	22.01	23.5	2		
20	84QAM	1	99	22.02	22.06	22.16	22.12	22.11				
20	84QAM	50	0	21.34	21.33	21.41	21.35	21.32				
20	84QAM	50	24	21.29	21.27	21.37	21.33	21.21	22.5	3		
20	84QAM	50	50	21.22	21.22	21.32	21.23	21.29				
20	84QAM	100	0	21.44	21.34	21.47	21.33	21.37				
Channel				39725	40173	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5				
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06	26	0		
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85				
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90				
15	QPSK	36	0	23.23	23.31	23.20	23.18	23.15	24.5	1		
15	QPSK	36	20	23.09	23.10	23.09	23.00	23.00				
15	QPSK	36	39	22.94	23.00	23.07	22.91	23.01				
15	QPSK	75	0	23.17	23.20	23.24	23.22	23.15	24.5	1		
15	16QAM	1	0	23.19	23.14	23.26	23.08	23.16				
15	16QAM	1	37	23.07	23.14	23.20	23.06	23.01				
15	16QAM	1	74	23.04	23.09	23.12	23.10	23.12	23.5	2		
15	16QAM	36	0	22.26	22.28	22.41	22.29	22.28				
15	16QAM	36	20	22.23	22.12	22.34	22.30	22.18				
15	16QAM	36	39	22.13	22.15	22.33	22.19	22.22	23.5	2		
15	16QAM	75	0	22.18	22.29	22.31	22.29	22.25				
15	84QAM	1	0	22.06	22.09	22.17	22.04	22.00				
15	84QAM	1	37	22.04	22.05	22.03	22.06	21.97	23.5	2		
15	84QAM	1	74	21.96	22.01	22.07	22.08	21.97				
15	84QAM	36	0	21.26	21.19	21.35	21.22	21.18				
15	84QAM	36	20	21.16	21.13	21.33	21.21	21.14	22.5	3		
15	84QAM	36	39	21.09	21.13	21.28	21.09	21.25				
15	84QAM	75	0	21.31	21.23	21.36	21.27	21.33				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.01	24.09	24.16	24.22	24.10	25.50	0		
10	QPSK	1	25	23.89	23.86	23.96	23.85	23.96				
10	QPSK	1	49	23.88	23.84	23.94	23.87	23.89				
10	QPSK	25	0	23.20	23.08	23.30	23.10	23.16	24.5	1		
10	QPSK	25	12	23.01	23.03	23.19	23.03	23.02				
10	QPSK	25	25	22.94	22.92	23.11	22.95	23.01				
10	QPSK	50	0	23.25	23.18	23.26	23.27	23.25	24.5	1		

GSM850 Ant1 Default

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 Default

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.85	30.01	29.90	30.50	20.85	21.01	20.90	21.50
GPRS 1 Tx slot	29.76	29.98	29.86	30.50	20.76	20.98	20.86	21.50
GPRS 2 Tx slots	26.34	26.38	26.22	26.70	20.34	20.38	20.22	20.70
GPRS 3 Tx slots	24.21	24.29	24.15	25.00	19.95	20.03	19.89	20.74
GPRS 4 Tx slots	23.14	23.19	23.02	24.00	20.14	20.19	20.02	21.00
EDGE 1 Tx slot	26.10	26.24	26.16	26.80	17.10	17.24	17.16	17.80
EDGE 2 Tx slots	23.37	23.45	23.23	24.10	17.37	17.45	17.23	18.10
EDGE 3 Tx slots	21.76	21.97	21.84	23.00	17.50	17.71	17.58	18.74
EDGE 4 Tx slots	20.51	20.56	20.43	21.30	17.51	17.56	17.43	18.30

WCDMA V Ant1 Default

Band TX Channel	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	23.93	24.09	24.06	25.50
3GPP Rel 99 RMC 12.2Kbps	24.12	24.23	24.18	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.22	23.15	24.00
3GPP Rel 6 HSDPA Subtest-2	22.94	23.03	22.94	24.00
3GPP Rel 6 HSDPA Subtest-3	22.50	22.72	22.59	23.50
3GPP Rel 6 HSDPA Subtest-4	22.49	22.59	22.49	23.50
3GPP Rel 8 DC-HSDPA Subtest-1	23.02	23.22	23.03	24.00
3GPP Rel 8 DC-HSDPA Subtest-2	23.13	23.06	22.94	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	22.44	22.71	22.55	23.50
3GPP Rel 8 DC-HSDPA Subtest-4	22.32	22.68	22.66	23.50
3GPP Rel 6 HSUPA Subtest-1	23.04	23.20	23.04	24.00
3GPP Rel 6 HSUPA Subtest-2	21.01	21.22	20.94	22.00
3GPP Rel 6 HSUPA Subtest-3	21.92	22.18	21.83	23.00
3GPP Rel 6 HSUPA Subtest-4	21.00	21.15	21.00	22.00
3GPP Rel 6 HSUPA Subtest-5	23.03	23.23	22.99	24.00



Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				24.7	24.7	24.7				
10	QPSK	1	0	24.20	24.31	24.40	25.5	0		
10	QPSK	1	25	24.15	24.10	24.16				
10	QPSK	1	49	24.01	24.11	24.08				
10	QPSK	25	0	23.06	23.15	23.11				
10	QPSK	25	12	22.98	23.06	22.99	24.5	1		
10	QPSK	25	25	23.03	23.11	23.02				
10	QPSK	50	0	22.97	23.07	22.98				
10	16QAM	1	0	23.25	23.33	23.23				
10	16QAM	1	25	23.13	23.23	23.16	24.5	1		
10	16QAM	1	49	23.13	23.23	23.10				
10	16QAM	25	0	22.05	22.14	22.08				
10	16QAM	25	12	21.94	21.99	21.89				
10	16QAM	25	25	22.05	22.10	22.06	23.5	2		
10	16QAM	50	0	22.00	22.12	22.03				
10	64QAM	1	0	21.84	21.91	21.83				
10	64QAM	1	25	21.76	21.82	21.71				
10	64QAM	1	49	21.74	21.86	21.77	23.5	2		
10	64QAM	25	0	21.02	21.09	21.04				
10	64QAM	25	12	20.91	20.97	20.83				
10	64QAM	25	25	20.96	21.00	20.93				
10	64QAM	50	0	20.94	21.06	20.98	22.5	3		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	24.26	24.18	24.08			25.5	0
5	QPSK	1	12	24.05	24.13	24.03				
5	QPSK	1	24	23.88	23.98	24.02				
5	QPSK	12	0	22.93	23.06	23.05				
5	QPSK	12	7	22.88	23.01	22.96	24.5	1		
5	QPSK	12	13	23.00	23.08	22.95				
5	QPSK	25	0	22.86	23.03	22.93				
5	16QAM	1	0	23.18	23.22	23.13				
5	16QAM	1	12	23.08	23.15	23.10	24.5	1		
5	16QAM	1	24	23.07	23.12	23.02				
5	16QAM	12	0	21.92	22.09	21.98				
5	16QAM	12	7	21.80	21.85	21.83				
5	16QAM	12	13	21.95	22.02	21.94	23.5	2		
5	16QAM	25	0	21.94	22.00	21.94				
5	64QAM	1	0	21.70	21.85	21.79				
5	64QAM	1	12	21.63	21.69	21.68				
5	64QAM	1	24	21.63	21.77	21.72	23.5	2		
5	64QAM	12	0	20.91	21.02	20.90				
5	64QAM	12	7	20.77	20.84	20.72				
5	64QAM	12	13	20.83	20.92	20.89				
5	64QAM	25	0	20.85	21.02	20.80	22.5	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	24.24	24.16	24.16			25.5	0
3	QPSK	1	8	24.07	24.13	24.06				
3	QPSK	1	14	23.89	23.98	23.98				
3	QPSK	8	0	23.02	23.01	23.04				
3	QPSK	8	4	22.84	22.95	22.95	24.5	1		
3	QPSK	8	7	22.98	23.01	22.96				
3	QPSK	15	0	22.88	22.94	22.83				
3	16QAM	1	0	23.22	23.25	23.13				
3	16QAM	1	8	23.09	23.11	23.13	24.5	1		
3	16QAM	1	14	23.07	23.14	23.03				
3	16QAM	8	0	21.94	22.04	22.04				
3	16QAM	8	4	21.80	21.91	21.76				
3	16QAM	8	7	22.01	22.02	21.93	23.5	2		
3	16QAM	15	0	21.97	22.09	21.92				
3	64QAM	1	0	21.78	21.83	21.88				
3	64QAM	1	8	21.61	21.78	21.61				
3	64QAM	1	14	21.68	21.77	21.69	23.5	2		
3	64QAM	8	0	20.97	21.03	20.95				
3	64QAM	8	4	20.84	20.92	20.70				
3	64QAM	8	7	20.93	20.96	20.79				
3	64QAM	15	0	20.87	20.91	20.94	22.5	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	24.15	24.27	24.10			25.5	0
1.4	QPSK	1	3	24.10	24.05	24.12				
1.4	QPSK	1	5	23.92	23.99	23.94				
1.4	QPSK	3	0	23.95	24.09	24.00				
1.4	QPSK	3	1	23.86	24.02	23.85	24.5	1		
1.4	QPSK	3	3	23.94	23.97	23.89				
1.4	QPSK	6	0	22.89	22.95	22.85				
1.4	16QAM	1	0	23.14	23.28	23.19				
1.4	16QAM	1	3	22.99	23.15	23.02	24.5	1		
1.4	16QAM	1	5	23.07	23.12	23.07				
1.4	16QAM	3	0	23.01	23.00	23.05				
1.4	16QAM	3	1	22.91	22.95	22.81				
1.4	16QAM	3	3	22.92	23.06	22.99	23.5	2		
1.4	16QAM	6	0	21.86	22.02	21.92				
1.4	64QAM	1	0	21.71	21.78	21.79				
1.4	64QAM	1	3	21.66	21.73	21.58				
1.4	64QAM	1	5	21.67	21.72	21.74	23.5	2		
1.4	64QAM	3	0	21.94	22.06	21.93				
1.4	64QAM	3	1	21.84	21.85	21.79				
1.4	64QAM	3	3	21.89	21.92	21.87				
1.4	64QAM	6	0	20.84	20.96	20.90	22.5	3		

Band 7 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2310	2325	2350				
20	QPSK	1	0	23.85	23.99	23.91	25	0		
20	QPSK	1	49	23.86	23.94	23.81				
20	QPSK	1	99	23.73	23.80	23.69				
20	QPSK	50	0	22.98	23.09	22.95				
20	QPSK	50	24	22.93	23.02	22.93	24	1		
20	QPSK	50	50	22.90	22.95	22.90				
20	QPSK	100	0	23.07	23.14	23.01				
20	16QAM	1	0	23.00	23.10	23.02				
20	16QAM	1	49	22.92	22.97	22.90	24	1		
20	16QAM	1	99	22.91	23.04	22.94				
20	16QAM	50	0	22.01	22.12	22.08				
20	16QAM	50	24	21.86	21.98	21.89				
20	16QAM	50	50	21.94	22.01	21.89	23	2		
20	16QAM	100	0	22.04	22.14	22.03				
20	64QAM	1	0	21.99	22.09	21.98				
20	64QAM	1	49	21.84	22.01	21.87				
20	64QAM	1	99	21.80	21.97	21.83	23	2		
20	64QAM	50	0	21.09	21.13	21.06				
20	64QAM	50	24	20.89	21.04	20.90				
20	64QAM	50	50	20.93	21.04	20.92				
20	64QAM	100	0	21.01	21.16	21.10	22	3		
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.78	23.90	23.77			25	0
15	QPSK	1	37	23.74	23.83	23.75				
15	QPSK	1	74	23.61	23.74	23.66				
15	QPSK	36	0	22.86	22.87	22.83				
15	QPSK	36	20	22.89	22.99	22.89	24	1		
15	QPSK	36	39	22.80	22.91	22.81				
15	QPSK	75	0	22.97	23.02	22.93				
15	16QAM	1	0	22.95	23.03	22.87				
15	16QAM	1	37	22.83	22.84	22.70	24	1		
15	16QAM	1	74	22.87	22.93	22.79				
15	16QAM	36	0	21.91	21.98	21.96				
15	16QAM	36	20	21.78	21.87	21.74				
15	16QAM	36	39	21.82	21.98	21.74	23	2		
15	16QAM	75	0	21.98	22.02	21.93				
15	64QAM	1	0	21.90	21.95	21.87				
15	64QAM	1	37	21.78	21.82	21.82				
15	64QAM	1	74	21.84	21.90	21.71	23	2		
15	64QAM	36	0	21.06	21.05	20.98				
15	64QAM	36	20	20.77	20.91	20.82				
15	64QAM	36	39	20.87	20.97	20.77				
15	64QAM	75	0	20.81	21.11	21.00	22	3		
Channel				20850	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.74	23.88	23.87			25	0
10	QPSK	1	25	23.80	23.86	23.67				
10	QPSK	1	49	23.60	23.68	23.63				
10	QPSK	25	0	22.91	23.01	22.80				
10	QPSK	25	12	22.80	22.89	22.83	24	1		
10	QPSK	25	25	22.75	22.81	22.79				
10	QPSK	50	0	22.86	23.09	22.87				
10	16QAM	1	0	22.87	23.01	22.93				
10	16QAM	1	25	22.83	22.87	22.80	24	1		
10	16QAM	1	49	22.85	22.92	22.86				
10	16QAM	25	0	21.94	22.08	22.04				
10	16QAM	25	12	21.78	21.84	21.81				
10	16QAM	25	25	21.89	21.91	21.79	23	2		
10	16QAM	50	0	22.00	22.09	21.92				
10	64QAM	1	0	21.92	21.98	21.91				
10	64QAM									



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										
Frequency (MHz)				37850	38000	38150				
				2580	2595	2610				
20	QPSK	1	0	24.31	24.41	24.37	25.5	0		
20	QPSK	1	49	24.23	24.34	24.20				
20	QPSK	1	99	24.12	24.25	24.19				
20	QPSK	50	0	23.32	23.38	23.25				
20	QPSK	50	24	23.14	23.27	23.18	24.5	1		
20	QPSK	50	50	23.25	23.34	23.27				
20	QPSK	100	0	23.27	23.35	23.26				
20	QPSK	100	0	23.25	23.39	23.27				
20	16QAM	1	0	23.25	23.39	23.27	24.5	1		
20	16QAM	1	49	23.21	23.31	23.17				
20	16QAM	1	99	23.23	23.36	23.30				
20	16QAM	50	0	22.26	22.33	22.22				
20	16QAM	50	24	22.13	22.25	22.12	23.5	2		
20	16QAM	50	50	22.17	22.25	22.13				
20	16QAM	100	0	22.28	22.38	22.25				
20	16QAM	100	0	22.13	22.22	22.17				
20	84QAM	1	49	22.02	22.15	22.09	23.5	2		
20	84QAM	1	99	21.96	22.08	21.98				
20	84QAM	50	0	21.14	21.28	21.22				
20	84QAM	50	24	21.02	21.15	21.08				
20	84QAM	50	50	21.09	21.19	21.07	22.5	3		
20	84QAM	100	0	21.20	21.32	21.20				
Channel										
Frequency (MHz)				37925	38000	38175				
				2577.5	2595	2612.5				
15	QPSK	1	0	24.27	24.27	24.24	25.5	0		
15	QPSK	1	37	24.15	24.30	24.13				
15	QPSK	1	74	23.99	24.19	24.05				
15	QPSK	36	0	23.29	23.32	23.13				
15	QPSK	36	20	23.08	23.23	23.09	24.5	1		
15	QPSK	36	39	23.21	23.24	23.22				
15	QPSK	75	0	23.19	23.29	23.12				
15	16QAM	1	0	23.18	23.28	23.16				
15	16QAM	1	37	23.15	23.20	23.04	24.5	1		
15	16QAM	1	74	23.09	23.29	23.17				
15	16QAM	36	0	22.16	22.19	22.11				
15	16QAM	36	20	22.07	22.13	22.06				
15	16QAM	36	39	22.13	22.19	22.01	23.5	2		
15	16QAM	75	0	22.21	22.30	22.13				
15	84QAM	1	0	22.00	22.08	22.07				
15	84QAM	1	37	21.87	22.12	22.00				
15	84QAM	1	74	21.82	22.05	21.87	23.5	2		
15	84QAM	36	0	21.05	21.21	21.11				
15	84QAM	36	20	20.92	21.06	20.95				
15	84QAM	36	39	21.01	21.04	21.03				
15	84QAM	75	0	21.07	21.22	21.12	22.5	3		
Channel										
Frequency (MHz)				37800	38000	38200				
				2675	2695	2715				
10	QPSK	1	0	24.27	24.37	24.23	25.5	0		
10	QPSK	1	25	24.16	24.22	24.09				
10	QPSK	1	49	23.97	24.20	24.14				
10	QPSK	25	0	23.19	23.25	23.19				
10	QPSK	25	12	23.00	23.24	23.09	24.5	1		
10	QPSK	25	25	23.17	23.27	23.15				
10	QPSK	50	0	23.15	23.26	23.18				
10	16QAM	1	0	23.16	23.35	23.18				
10	16QAM	1	25	23.16	23.17	23.10	24.5	1		
10	16QAM	1	49	23.16	23.30	23.17				
10	16QAM	25	0	22.15	22.26	22.14				
10	16QAM	25	12	22.01	22.21	22.06				
10	16QAM	25	25	22.06	22.19	21.98	23.5	2		
10	16QAM	50	0	22.24	22.25	22.20				
10	84QAM	1	0	22.04	22.11	22.13				
10	84QAM	1	25	21.95	22.00	21.98				
10	84QAM	1	49	21.89	21.97	21.92	23.5	2		
10	84QAM	25	0	21.11	21.25	21.12				
10	84QAM	25	12	20.89	21.07	21.04				
10	84QAM	25	25	21.01	21.04	20.94				
10	84QAM	50	0	21.13	21.27	21.07	22.5	3		
Channel										
Frequency (MHz)				37775	38000	38225				
				2572.5	2595	2617.5				
5	QPSK	1	0	24.22	24.32	24.25	25.5	0		
5	QPSK	1	12	24.16	24.20	24.07				
5	QPSK	1	24	24.01	24.20	24.13				
5	QPSK	12	0	23.27	23.28	23.19				
5	QPSK	12	7	23.11	23.22	23.12	24.5	1		
5	QPSK	12	13	23.14	23.31	23.21				
5	QPSK	25	0	23.13	23.30	23.22				
5	16QAM	1	0	23.10	23.29	23.20				
5	16QAM	1	12	23.12	23.27	23.10	24.5	1		
5	16QAM	1	24	23.16	23.23	23.23				
5	16QAM	12	0	22.13	22.27	22.15				
5	16QAM	12	7	22.03	22.11	21.98				
5	16QAM	12	13	22.02	22.15	22.05	23.5	2		
5	16QAM	25	0	22.13	22.25	22.13				
5	84QAM	1	0	22.01	22.18	22.08				
5	84QAM	1	12	21.95	22.05	22.02				
5	84QAM	1	24	21.81	22.02	21.88	23.5	2		
5	84QAM	12	0	21.01	21.19	21.18				
5	84QAM	12	7	20.91	21.11	21.01				
5	84QAM	12	13	20.99	21.12	20.97				
5	84QAM	25	0	21.13	21.20	21.11	22.5	3		

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												
Frequency (MHz)				39750	40185	40620	41055	41490				
				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.35	24.38	24.46	24.43	24.32	25.5	0		
20	QPSK	1	49	24.20	24.24	24.28	24.17	24.14				
20	QPSK	1	99	24.29	24.21	24.35	24.31	24.20				
20	QPSK	50	0	23.32	23.36	23.43	23.31	23.33				
20	QPSK	50	24	23.24	23.23	23.30	23.26	23.20	24.5	1		
20	QPSK	50	50	23.23	23.29	23.34	23.20	23.22				
20	QPSK	100	0	23.29	23.28	23.35	23.27	23.21				
20	16QAM	1	0	23.31	23.27	23.40	23.26	23.35				
20	16QAM	1	49	23.16	23.22	23.28	23.17	23.24	24.5	1		
20	16QAM	1	99	23.25	23.22	23.26	23.15	23.24				
20	16QAM	50	0	22.15	22.17	22.25	22.14	22.13				
20	16QAM	50	24	22.08	22.14	22.19	22.15	21.98				
20	16QAM	50	50	22.04	22.13	22.19	22.12	22.01	23.5	2		
20	16QAM	100	0	22.28	22.18	22.32	22.27	22.20				
20	84QAM	1	0	22.05	22.01	22.09	22.00	21.98				
20	84QAM	1	49	21.87	21.97	22.03	21.92	21.91				
20	84QAM	1	99	21.89	21.92	22.03	21.93	21.91	23.5	2		
20	84QAM	50	0	21.27	21.28	21.37	21.30	21.29				
20	84QAM	50	24	21.20	21.23	21.27	21.15	21.18				
20	84QAM	50	50	21.19	21.14	21.24	21.12	21.14				
20	84QAM	100	0	21.34	21.32	21.40	21.33	21.36	22.5	3		
Channel												
Frequency (MHz)				39725	40173	40620	41058	41515				
				2503.5	2548.3	2593	2637.8	2692.5				
15	QPSK	1	0	24.28	24.26	24.40	24.39	24.26	26	0		
15	QPSK	1	37	24.14	24.15	24.16	24.03	23.99				
15	QPSK	1	74	24.16	24.16	24.29	24.22	24.10				
15	QPSK	36	0	23.28	23.31	23.39	23.19	23.27				
15	QPSK	36	20	23.18	23.13	23.19	23.15	23.14	24.5	1		
15	QPSK	36	39	23.18	23.16	23.30	23.11	23.14				
15	QPSK	75	0	23.24	23.17	23.23	23.17	23.11				
15	16QAM	1	0	23.28	23.23	23.31	23.22	23.23				
15	16QAM	1	37	23.05	23.14	23.13	23.13	23.12	24.5	1		
15	16QAM	1	74	23.11	23.11	23.18	23.10	23.17				
15	16QAM	36	0	22.05	22.10	22.11	22.08	22.07				
15	16QAM	36	20	22.00	22.11	22.11	22.10	21.88				
15	16QAM	36	39	21.92	22.09	22.14	22.06	21.87	23.5	2		
15	16QAM	75	0	22.18	22.13	22.19	22.13	22.16				
15	84QAM	1	0	21.98	21.89	22.05	21.93	21.94				
15	84QAM	1	37	21.78	21.85	21.95	21.85	21.87				
15	84QAM	1	74	21.81	21.83	21.93	21.87	21.83	23.5	2		
15	84QAM	36	0	21.23	21.15	21.24	21.22	21.17				
15	84QAM	36	20	21.06	21.12	21.19	21.08	21.04				
15	84QAM	36	39	21.13	21.00	21.14	21.01	21.10				
15	84QAM	75	0	21.29	21.19	21.26	21.27	21.31	22.5	3		
Channel												
Frequency (MHz)				39700	40160	40620	41060	41540				
				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.30	24.28	24.34	24.38	24.27	25.50	0		
10	QPSK	1	25	24.13	24.16	24.16	24.11	24.02				
10	QPSK	1	49	24.19	24.13	24.21	24.26	24.11				
10	QPSK	25	0	23.26	23.30	23.36	23.25	23.26				
10	QPSK	25	12	23.15	23.10	23.23	23.12	23.13	24.5	1		
10	QPSK	25	25	23.15	23.25	23.24	23.12	23.12				
10	QPSK	50	0	23.21	23.23	23.31	23.16	23.12				
10	16QAM	1	0	23.22	23.22	23.36	23.19	23.31				
10	16QAM	1	25	23.12	23.10	23.23	23.03	23.13	24.5	1		
10	16QAM	1	49	23.17	23.16	23.17	23.08	23.11				
10	16QAM	25	0	22.11	22.02	22.17	22.11	22.07				
10	16QAM	25	12	22.01	22.04	22.13	22.11	21.90				
10	16QAM	25	25	21.93	22.10	22.15	22.09	21.92	23.5	2		
10	16QAM	50	0	22.24	22.05	22.28	22.12	22.07				
10	84QAM	1	0	21.94	21.93	22.02	21.95	21.88				
10	84QAM	1	25	21.75	21.84	21.95	21.84	21.83				
10	84QAM	1	49	21.84	21.84	21.90	21.85	21.78	23.5	2</		

Reduced Power Mode for DSI 1

GSM850 Ant0 Default								
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.96	30.00	22.74	22.81	22.86	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.88	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 Default								
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.49	29.69	29.65	30.50	20.49	20.69	20.65	21.50
GPRS 1 Tx slot	29.49	29.61	29.57	30.50	20.49	20.61	20.57	21.50
GPRS 2 Tx slots	25.66	25.77	25.74	26.70	19.66	19.77	19.74	20.70
GPRS 3 Tx slots	23.77	24.06	23.88	25.00	19.51	19.80	19.62	20.74
GPRS 4 Tx slots	22.58	22.72	22.71	24.00	19.58	19.72	19.71	21.00
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.10	17.48	17.63	17.60	18.84
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA V Ant0 Default				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.07	24.20	24.13	25.50
3GPP Rel 99 RMC 12.2Kbps	24.15	24.23	24.21	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.27	23.23	24.50
3GPP Rel 6 HSDPA Subtest-2	23.06	23.32	23.22	24.50
3GPP Rel 6 HSDPA Subtest-3	22.63	22.88	22.81	24.00
3GPP Rel 6 HSDPA Subtest-4	22.54	22.75	22.62	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	22.91	23.17	23.04	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.05	23.21	23.18	24.50
3GPP Rel 8 DC-HSDPA Subtest-3	22.58	22.81	22.70	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	22.48	22.71	22.57	24.00
3GPP Rel 6 HSUPA Subtest-1	23.21	23.41	23.38	24.50
3GPP Rel 6 HSUPA Subtest-2	21.14	21.28	21.25	22.50
3GPP Rel 6 HSUPA Subtest-3	22.22	22.45	22.36	23.50
3GPP Rel 6 HSUPA Subtest-4	21.11	21.34	21.19	22.50
3GPP Rel 6 HSUPA Subtest-5	23.15	23.37	23.30	24.50



Band 5 Ant0 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				826.5	836.5	844		
10	QPSK	1	0	24.27	24.33	24.22	25.5	0
10	QPSK	1	25	24.13	24.23	24.20		
10	QPSK	1	49	24.08	24.12	24.08		
10	QPSK	25	0	23.33	23.36	23.23		
10	QPSK	25	12	23.28	23.31	23.22	24.5	1
10	QPSK	25	25	23.27	23.28	23.16		
10	QPSK	50	0	23.24	23.34	23.29		
10	16QAM	1	0	23.33	23.47	23.39	24.5	1
10	16QAM	1	25	23.26	23.33	23.25		
10	16QAM	1	49	23.36	23.37	23.34		
10	16QAM	25	0	22.41	22.48	22.41		
10	16QAM	25	12	22.34	22.38	22.31	23.5	2
10	16QAM	25	25	22.23	22.37	22.35		
10	16QAM	50	0	22.47	22.53	22.46		
10	16QAM	1	0	22.57	22.66	22.64		
10	84QAM	1	25	22.50	22.61	22.56	23.5	2
10	84QAM	1	49	22.50	22.53	22.38		
10	84QAM	25	0	21.52	21.57	21.55		
10	84QAM	25	12	21.37	21.42	21.28	22.5	3
10	84QAM	25	25	21.41	21.46	21.40		
10	84QAM	50	0	21.47	21.49	21.45		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.19	24.21	24.17	25.5	0
5	QPSK	1	12	24.04	24.15	24.08		
5	QPSK	1	24	23.94	24.02	24.01		
5	QPSK	12	0	23.18	23.20	23.09		
5	QPSK	12	7	23.22	23.22	23.17	24.5	1
5	QPSK	12	13	23.16	23.19	23.11		
5	QPSK	25	0	23.16	23.22	23.23		
5	16QAM	1	0	23.19	23.43	23.28		
5	16QAM	1	12	23.12	23.24	23.22	24.5	1
5	16QAM	1	24	23.31	23.26	23.30		
5	16QAM	12	0	22.27	22.36	22.29		
5	16QAM	12	7	22.24	22.27	22.23	23.5	2
5	16QAM	12	13	22.19	22.27	22.30		
5	16QAM	25	0	22.36	22.50	22.39		
5	84QAM	1	0	22.47	22.54	22.51		
5	84QAM	1	12	22.43	22.53	22.43	23.5	2
5	84QAM	1	24	22.36	22.41	22.24		
5	84QAM	12	0	21.44	21.44	21.51		
5	84QAM	12	7	21.25	21.28	21.19	22.5	3
5	84QAM	12	13	21.29	21.40	21.28		
5	84QAM	25	0	21.35	21.44	21.36		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.16	24.27	24.08	25.5	0
3	QPSK	1	8	23.98	24.16	24.08		
3	QPSK	1	14	23.99	23.97	24.04		
3	QPSK	8	0	23.30	23.25	23.18		
3	QPSK	8	4	23.22	23.23	23.11	24.5	1
3	QPSK	8	7	23.16	23.17	23.03		
3	QPSK	15	0	23.17	23.24	23.26		
3	16QAM	1	0	23.24	23.43	23.26	24.5	1
3	16QAM	1	8	23.17	23.23	23.13		
3	16QAM	1	14	23.21	23.27	23.20		
3	16QAM	8	0	22.34	22.45	22.29		
3	16QAM	8	4	22.27	22.34	22.23	23.5	2
3	16QAM	8	7	22.15	22.26	22.19		
3	16QAM	15	0	22.36	22.44	22.34		
3	84QAM	1	0	22.42	22.58	22.50		
3	84QAM	1	8	22.44	22.58	22.45	23.5	2
3	84QAM	1	14	22.41	22.43	22.29		
3	84QAM	8	0	21.39	21.47	21.51		
3	84QAM	8	4	21.25	21.29	21.24	22.5	3
3	84QAM	8	7	21.38	21.44	21.29		
3	84QAM	15	0	21.39	21.39	21.36		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.23	24.29	24.19	25.5	0
1.4	QPSK	1	3	24.00	24.10	24.13		
1.4	QPSK	1	5	23.97	24.00	23.98		
1.4	QPSK	3	0	24.19	24.20	24.14		
1.4	QPSK	3	1	24.14	24.22	24.12		
1.4	QPSK	3	3	24.16	24.18	24.07	24.5	1
1.4	QPSK	6	0	23.12	23.22	23.24		
1.4	16QAM	1	0	23.27	23.37	23.36		
1.4	16QAM	1	3	23.20	23.18	23.20		
1.4	16QAM	1	5	23.32	23.26	23.30	24.5	1
1.4	16QAM	3	0	23.31	23.39	23.32		
1.4	16QAM	3	1	23.27	23.33	23.22		
1.4	16QAM	3	3	23.09	23.29	23.31		
1.4	16QAM	6	0	22.38	22.42	22.43	23.5	2
1.4	84QAM	1	0	22.43	22.61	22.52		
1.4	84QAM	1	3	22.40	22.54	22.41		
1.4	84QAM	1	5	22.36	22.46	22.33	23.5	2
1.4	84QAM	3	0	22.42	22.50	22.52		
1.4	84QAM	3	1	22.29	22.34	22.19		
1.4	84QAM	3	3	22.33	22.38	22.32		
1.4	84QAM	6	0	21.43	21.37	21.34	22.5	3

Band 7 Ant0 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.73	23.87	23.71	25	0
20	QPSK	1	49	23.75	23.75	23.71		
20	QPSK	1	99	23.80	23.69	23.62		
20	QPSK	50	0	22.81	22.83	22.61		
20	QPSK	50	24	22.72	22.82	22.62	24	1
20	QPSK	50	50	22.81	22.74	22.60		
20	QPSK	100	0	22.72	22.79	22.57		
20	16QAM	1	0	22.90	22.78	22.71		
20	16QAM	1	49	22.82	22.68	22.55	24	1
20	16QAM	1	99	22.70	22.66	22.54		
20	16QAM	50	0	21.92	21.86	21.83		
20	16QAM	50	24	21.82	21.74	21.69	23	2
20	16QAM	50	50	21.92	21.83	21.79		
20	16QAM	100	0	21.81	21.79	21.69		
20	84QAM	1	0	21.74	21.73	21.66		
20	84QAM	1	49	21.74	21.66	21.58	23	2
20	84QAM	1	99	21.68	21.64	21.56		
20	84QAM	50	0	20.82	20.82	20.70		
20	84QAM	50	24	20.81	20.69	20.58	22	3
20	84QAM	50	50	20.69	20.68	20.67		
20	84QAM	100	0	20.84	20.71	20.67		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.69	23.76	23.67	25	0
15	QPSK	1	37	23.62	23.60	23.61		
15	QPSK	1	74	23.73	23.63	23.51		
15	QPSK	36	0	22.75	22.72	22.47		
15	QPSK	36	20	22.58	22.60	22.51	24	1
15	QPSK	36	39	22.69	22.70	22.46		
15	QPSK	75	0	22.74	22.58	22.52		
15	16QAM	1	0	22.85	22.64	22.61		
15	16QAM	1	37	22.67	22.59	22.46	24	1
15	16QAM	1	74	22.67	22.60	22.42		
15	16QAM	36	0	21.80	21.82	21.70		
15	16QAM	36	20	21.73	21.65	21.58	23	2
15	16QAM	36	39	21.81	21.73	21.72		
15	16QAM	75	0	21.69	21.69	21.64		
15	84QAM	1	0	21.68	21.63	21.62		
15	84QAM	1	37	21.62	21.52	21.44	23	2
15	84QAM	1	74	21.59	21.58	21.48		
15	84QAM	36	0	20.68	20.67	20.62		
15	84QAM	36	20	20.75	20.56	20.53	22	3
15	84QAM	36	39	20.64	20.62	20.60		
15	84QAM	75	0	20.57	20.65	20.63		
Channel				20850	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.61	23.83	23.61	25	0
10	QPSK	1	25	23.72	23.65	23.59		
10	QPSK	1	49	23.66	23.60	23.52		
10	QPSK	25	0	22.68	22.70	22.46		
10	QPSK	25	12	22.57	22.53	22.50	24	1
10	QPSK	25	25	22.76	22.71	22.47		
10	QPSK	50	0	22.66	22.60	22.45		
10	16QAM	1	0	22.80	22.75	22.67		
10	16QAM	1	25	22.78	22.53	22.45	24	1
10	16QAM	1	49	22.66	22.63	22.49		
10	16QAM	25	0	21.81	21.79	21.78		
10	16QAM	25	12	21.68	21.66	21.65	23	2
10	16QAM	25	25	21.84	21.76	21.69		
10	16QAM	50	0	21.72	21.73	21.65		
10	84QAM	1	0	21.65	21.63	21.56		
10	84QAM	1	25	21.69	21.58	21.44	23	2
10	84QAM	1	49	21.61	21.59	21.50		
10	84QAM	25	0	20.73	20.72	20.61		
10	84QAM	25	12	20.71	20.54	20.53	22	3
10	84QAM	25	25	20.55	20.63	20.58		
10	84QAM	50	0	20.74	20.68	20.59		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.69	23.77	23.57	25	0
5	QPSK	1	12	23.60	23.65	23.60		
5	QPSK	1	24	23.71	23.68	23.55		
5	QPSK	12	0	22.67	22.68	22.58		
5	QPSK	12	7	22.61	22.58	22.48	24	1
5	QPSK	1						



Band 38 Ant0 Default													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				37850	38000	38150							
Frequency (MHz)				2580	2595	2610							
20	QPSK	1	0	24.15	24.23	24.07	25.5	0					
20	QPSK	1	49	24.07	24.12	23.98							
20	QPSK	1	99	23.94	24.08	23.98							
20	QPSK	50	0	23.15	23.26	23.17							
20	QPSK	50	24	23.11	23.20	23.13	24.5	1					
20	QPSK	50	50	23.11	23.24	23.15							
20	QPSK	100	0	23.17	23.21	23.07							
20	16QAM	1	0	23.03	23.18	23.12							
20	16QAM	1	49	22.99	23.08	23.03	24.5	1					
20	16QAM	1	99	22.95	23.06	22.98							
20	16QAM	50	0	22.29	22.42	22.31							
20	16QAM	50	24	22.22	22.35	22.31							
20	16QAM	50	50	22.34	22.38	22.25	23.5	2					
20	16QAM	100	0	22.32	22.37	22.32							
20	84QAM	1	0	22.13	22.24	22.20							
20	84QAM	1	49	22.07	22.16	22.06							
20	84QAM	1	99	22.16	22.20	22.14	23.5	2					
20	84QAM	50	0	21.32	21.40	21.29							
20	84QAM	50	24	21.19	21.28	21.15							
20	84QAM	50	50	21.23	21.32	21.20							
20	84QAM	100	0	21.27	21.32	21.25	22.5	3					
Channel				37825	38000	38175							
Frequency (MHz)				2577.5	2595	2612.5							
15	QPSK	1	0	24.10	24.14	24.03			25.5	0			
15	QPSK	1	37	24.00	24.08	23.90							
15	QPSK	1	74	23.91	23.93	23.89							
15	QPSK	36	0	23.00	23.21	23.04							
15	QPSK	36	20	23.04	23.17	23.10	24.5	1					
15	QPSK	36	39	23.07	23.12	23.09							
15	QPSK	75	0	23.04	23.08	23.00							
15	16QAM	1	0	22.94	23.05	23.07							
15	16QAM	1	37	22.91	22.95	22.92	24.5	1					
15	16QAM	1	74	22.86	23.03	22.88							
15	16QAM	36	0	22.19	22.36	22.24							
15	16QAM	36	20	22.10	22.21	22.22							
15	16QAM	36	39	22.29	22.24	22.10	23.5	2					
15	16QAM	75	0	22.27	22.29	22.21							
15	84QAM	1	0	22.05	22.10	22.11							
15	84QAM	1	37	21.95	22.02	21.94							
15	84QAM	1	74	22.04	22.08	22.09	23.5	2					
15	84QAM	36	0	21.22	21.32	21.14							
15	84QAM	36	20	21.08	21.22	21.12							
15	84QAM	36	39	21.10	21.19	21.07							
15	84QAM	75	0	21.16	21.21	21.21	22.5	3					
Channel				37800	38000	38200							
Frequency (MHz)				2575	2595	2615							
10	QPSK	1	0	24.08	24.15	24.02			25.5	0			
10	QPSK	1	25	23.98	24.02	23.95							
10	QPSK	1	49	23.90	23.93	23.89							
10	QPSK	25	0	23.01	23.22	23.05							
10	QPSK	25	12	23.07	23.14	23.05	24.5	1					
10	QPSK	25	25	22.99	23.18	23.05							
10	QPSK	50	0	23.12	23.13	23.01							
10	16QAM	1	0	22.92	23.08	23.05							
10	16QAM	1	25	22.91	22.94	22.92	24.5	1					
10	16QAM	1	49	22.81	22.98	22.88							
10	16QAM	25	0	22.25	22.29	22.22							
10	16QAM	25	12	22.12	22.28	22.21							
10	16QAM	25	25	22.29	22.32	22.11	23.5	2					
10	16QAM	50	0	22.19	22.27	22.21							
10	84QAM	1	0	22.04	22.16	22.05							
10	84QAM	1	25	21.94	22.04	21.92							
10	84QAM	1	49	22.03	22.15	22.10	23.5	2					
10	84QAM	25	0	21.23	21.27	21.20							
10	84QAM	25	12	21.13	21.20	21.09							
10	84QAM	25	25	21.12	21.19	21.09							
10	84QAM	50	0	21.17	21.27	21.11	22.5	3					
Channel				37775	38000	38225							
Frequency (MHz)				2572.5	2595	2617.5							
5	QPSK	1	0	24.10	24.14	23.96			25.5	0			
5	QPSK	1	12	23.93	24.02	23.90							
5	QPSK	1	24	23.90	23.95	23.83							
5	QPSK	12	0	23.02	23.15	23.05							
5	QPSK	12	7	23.08	23.13	23.07	24.5	1					
5	QPSK	12	13	23.05	23.21	23.11							
5	QPSK	25	0	23.05	23.12	22.97							
5	16QAM	1	0	22.99	23.06	23.06							
5	16QAM	1	12	22.96	23.01	22.98	24.5	1					
5	16QAM	1	24	22.85	22.99	22.90							
5	16QAM	12	0	22.18	22.32	22.24							
5	16QAM	12	7	22.10	22.29	22.24							
5	16QAM	12	13	22.29	22.26	22.16	23.5	2					
5	16QAM	25	0	22.21	22.28	22.19							
5	84QAM	1	0	22.03	22.21	22.12							
5	84QAM	1	12	21.97	22.11	21.95							
5	84QAM	1	24	22.02	22.05	22.06	23.5	2					
5	84QAM	12	0	21.20	21.33	21.26							
5	84QAM	12	7	21.11	21.21	21.06							
5	84QAM	12	13	21.19	21.21	21.08							
5	84QAM	25	0	21.19	21.23	21.17	22.5	3					

Band 41 Ant0 Default														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	24.06	24.22	24.29	24.28	24.26	25.5	0				
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00						
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98						
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24						
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.10	24.5	1				
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05						
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28						
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22						
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11	24.5	1				
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16						
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31						
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23						
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28	23.5	2				
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29						
20	84QAM	1	0	22.13	22.16	22.23	22.10	22.10						
20	84QAM	1	49	22.08	22.13	22.18	22.14	22.01						
20	84QAM	1	99	22.02	22.06	22.16	22.12	22.11	23.5	2				
20	84QAM	50	0	21.34	21.33	21.41	21.35	21.32						
20	84QAM	50	24	21.29	21.27	21.37	21.33	21.21						
20	84QAM	50	50	21.22	21.22	21.32	21.23	21.29						
20	84QAM	100	0	21.44	21.34	21.47	21.33	21.37	22.5	3				
Channel				39725	40173	40620	41058	41515						
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5						
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06			26	0		
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85						
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90						
15	QPSK	36	0	23.23	23.31	23.20	23.18	23.15						
15	QPSK	36	20	23.09	23.10	23.09	23.00	23.00	24.5	1				
15	QPSK	36	39	22.94	23.00	23.07	22.91	23.01						
15	QPSK	75	0	23.17	23.20	23.24	23.22	23.15						
15	16QAM	1	0	23.19	23.14	23.26	23.08	23.16						
15	16QAM	1	37	23.07	23.14	23.20	23.06	23.01	24.5	1				
15	16QAM	1	74	23.04	23.09	23.12	23.10	23.12						
15	16QAM	36	0	22.26	22.28	22.41	22.29	22.28						
15	16QAM	36	20	22.23	22.12	22.34	22.30	22.18						
15	16QAM	36	39	22.13	22.15	22.33	22.19	22.22	23.5	2				
15	16QAM	75	0	22.18	22.29	22.31	22.29	22.25						
15	84QAM	1	0	22.06	22.09	22.17	22.04	22.00						
15	84QAM	1	37	22.04	22.05	22.03	22.06	21.97						
15	84QAM	1	74	21.96	22.01	22.07	22.08	21.97	23.5	2				
15	84QAM	36	0	21.26	21.19	21.35	21.22	21.18						
15	84QAM	36	20	21.16	21.13	21.33	21.21	21.14						
15	84QAM	36	39	21.09	21.13	21.28								



GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8	33.50	23.35	23.41	23.26	24.50
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 DS1

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	26.50	16.82	16.99	16.85	17.50
GSM 1 Tx slot	25.82	25.99	25.85	26.50	16.82	16.99	16.85	17.50
GPRS 1 Tx slot	25.74	25.92	25.77	26.50	16.74	16.92	16.77	17.50
GPRS 2 Tx slots	22.04	22.27	22.07	23.00	16.04	16.27	16.07	17.00
GPRS 3 Tx slots	20.25	20.46	20.30	21.40	15.39	16.20	16.04	17.14
GPRS 4 Tx slots	19.09	19.32	19.16	20.50	16.09	16.32	16.16	17.50
EDGE 1 Tx slot	25.77	25.96	25.82	26.50	16.77	16.96	16.82	17.50
EDGE 2 Tx slots	22.08	22.25	22.11	23.00	16.08	16.25	16.11	17.00
EDGE 3 Tx slots	20.18	20.43	20.24	21.50	15.92	16.17	15.98	17.24
EDGE 4 Tx slots	18.93	19.18	19.05	20.50	15.93	16.18	16.05	17.50

WCDMA V Ant1 Default

Band	WCDMA V			Tune-up Limit (dBm)	
	4132	4182	4233		
TX Channel	4357	4407	4458		
Rx Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	23.93	24.09	24.06	25.50
3GPP Rel 99	RMC 12.2Kbps	24.12	24.23	24.18	25.50
3GPP Rel 6	HSDPA Subtest-1	23.10	23.22	23.15	24.50
3GPP Rel 6	HSDPA Subtest-2	22.94	23.03	22.94	24.50
3GPP Rel 6	HSDPA Subtest-3	22.50	22.72	22.59	24.00
3GPP Rel 6	HSDPA Subtest-4	22.49	22.59	22.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.22	23.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.13	23.06	22.94	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.44	22.71	22.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.32	22.68	22.66	24.00
3GPP Rel 6	HSUPA Subtest-1	23.04	23.20	23.04	24.50
3GPP Rel 6	HSUPA Subtest-2	21.01	21.22	20.94	22.50
3GPP Rel 6	HSUPA Subtest-3	21.92	22.18	21.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.00	21.15	21.00	22.50
3GPP Rel 6	HSUPA Subtest-5	23.03	23.23	22.99	24.50



Band 5 Ant1 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
				20450	20525	20600			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.25	24.31	24.30	25.5	0	
10	QPSK	1	25	24.15	24.19	24.16			
10	QPSK	1	49	24.01	24.11	24.08			
10	QPSK	25	0	23.06	23.15	23.11	24.5	1	
10	QPSK	25	12	22.98	23.06	22.99			
10	QPSK	25	25	23.03	23.11	23.02			
10	16QAM	50	0	22.97	23.07	22.98	24.5	1	
10	16QAM	1	0	23.25	23.33	23.23			
10	16QAM	1	25	23.13	23.23	23.16			
10	16QAM	1	49	23.13	23.23	23.10	23.5	2	
10	16QAM	25	0	22.05	22.14	22.08			
10	16QAM	25	12	21.94	21.99	21.89			
10	16QAM	25	25	22.05	22.10	22.06	23.5	2	
10	16QAM	50	0	22.00	22.12	22.03			
10	16QAM	1	0	21.84	21.91	21.83			
10	64QAM	1	25	21.78	21.82	21.71	23.5	2	
10	64QAM	1	49	21.74	21.86	21.77			
10	64QAM	25	0	21.02	21.09	21.04			
10	64QAM	25	12	20.91	20.97	20.83	22.5	3	
10	64QAM	25	25	20.96	21.00	20.93			
10	64QAM	50	0	20.94	21.06	20.96			
				20452	20525	20625			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.26	24.18	24.08	25.5	0	
5	QPSK	1	12	24.05	24.13	24.03			
5	QPSK	1	24	23.88	23.98	24.02			
5	QPSK	12	0	22.93	23.08	23.05	24.5	1	
5	QPSK	12	7	22.88	23.01	22.96			
5	QPSK	12	13	23.06	23.08	22.95			
5	QPSK	25	0	22.86	23.03	22.93	24.5	1	
5	16QAM	1	0	23.18	23.22	23.13			
5	16QAM	1	12	23.08	23.15	23.10			
5	16QAM	1	24	23.07	23.12	23.02	23.5	2	
5	16QAM	12	0	21.92	22.09	21.98			
5	16QAM	12	7	21.80	21.85	21.83			
5	16QAM	12	13	21.95	22.02	21.94	23.5	2	
5	16QAM	25	0	21.94	22.03	21.94			
5	64QAM	1	0	21.70	21.85	21.79			
5	64QAM	1	12	21.63	21.69	21.68	23.5	2	
5	64QAM	1	24	21.63	21.77	21.72			
5	64QAM	12	0	20.91	21.02	20.90			
5	64QAM	12	7	20.77	20.84	20.72	22.5	3	
5	64QAM	12	13	20.83	20.92	20.89			
5	64QAM	25	0	20.85	21.02	20.90			
				20415	20525	20643			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.24	24.16	24.06	25.5	0	
3	QPSK	1	8	24.07	24.13	24.06			
3	QPSK	1	14	23.89	23.98	23.98			
3	QPSK	8	0	23.02	23.01	23.04	24.5	1	
3	QPSK	8	4	22.84	22.95	22.95			
3	QPSK	8	7	22.98	22.98	22.98			
3	QPSK	15	0	22.88	22.94	22.93	24.5	1	
3	16QAM	1	0	23.22	23.25	23.13			
3	16QAM	1	8	23.09	23.11	23.13			
3	16QAM	1	14	23.07	23.14	23.03	23.5	2	
3	16QAM	8	0	21.94	22.04	22.04			
3	16QAM	8	4	21.80	21.91	21.76			
3	16QAM	8	7	22.01	22.02	21.93	23.5	2	
3	16QAM	15	0	21.97	22.06	21.92			
3	64QAM	1	0	21.78	21.83	21.68			
3	64QAM	1	8	21.61	21.78	21.61	23.5	2	
3	64QAM	1	14	21.68	21.77	21.69			
3	64QAM	8	0	20.97	21.03	20.95			
3	64QAM	8	4	20.84	20.92	20.70	22.5	3	
3	64QAM	8	7	20.93	20.96	20.79			
3	64QAM	15	0	20.87	20.91	20.84			
				20407	20525	20643			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.15	24.27	24.10	25.5	0	
1.4	QPSK	1	3	24.10	24.05	24.12			
1.4	QPSK	1	5	23.92	23.99	23.94			
1.4	QPSK	3	0	23.95	24.09	24.00	24.5	1	
1.4	QPSK	3	1	23.86	24.02	23.85			
1.4	QPSK	3	3	23.94	23.97	23.89			
1.4	QPSK	6	0	22.89	22.95	22.85	24.5	1	
1.4	16QAM	1	0	23.14	23.28	23.19			
1.4	16QAM	1	3	22.99	23.15	23.02			
1.4	16QAM	1	5	23.07	23.12	23.07	24.5	1	
1.4	16QAM	3	0	23.01	23.00	23.05			
1.4	16QAM	3	1	22.91	22.95	22.91			
1.4	16QAM	3	3	22.92	23.00	22.99	23.5	2	
1.4	16QAM	6	0	21.86	22.02	21.92			
1.4	64QAM	1	0	21.71	21.78	21.79			
1.4	64QAM	1	3	21.66	21.73	21.58	23.5	2	
1.4	64QAM	1	5	21.67	21.72	21.74			
1.4	64QAM	3	0	21.94	22.06	21.93			
1.4	64QAM	3	1	21.84	21.86	21.79	23.5	2	
1.4	64QAM	3	3	21.89	21.92	21.87			
1.4	64QAM	6	0	20.84	20.96	20.90			

Band 7 Ant1 DSI1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
				20850	21100	21350			
Channel									
Frequency (MHz)									
20	QPSK	1	0	16.07	16.20	16.04	17	0	
20	QPSK	1	49	16.09	16.04	15.99			
20	QPSK	1	99	16.03	16.11	15.91			
20	QPSK	50	0	16.07	16.18	15.94	17	0	
20	QPSK	50	24	16.00	16.11	15.96			
20	QPSK	50	50	15.95	16.15	15.92			
20	QPSK	100	0	15.97	16.09	15.91	17	0	
20	16QAM	1	0	16.02	16.02	15.88			
20	16QAM	1	49	15.97	16.09	15.92			
20	16QAM	1	99	15.91	16.16	15.84	17	0	
20	16QAM	50	0	15.96	16.09	15.95			
20	16QAM	50	24	15.98	16.16	16.01			
20	16QAM	50	50	16.07	16.04	15.99	17	0	
20	16QAM	100	0	16.00	16.01	15.93			
20	64QAM	1	0	15.95	16.10	15.85			
20	64QAM	1	49	15.96	16.06	15.96	17	0	
20	64QAM	1	99	16.00	16.11	15.89			
20	64QAM	50	0	15.97	16.07	15.87			
20	64QAM	50	24	15.98	16.09	16.00	17	0	
20	64QAM	50	50	15.98	16.05	16.06			
20	64QAM	100	0	16.11	16.13	15.96			
				20825	21100	21375			
Channel									
Frequency (MHz)									
15	QPSK	1	0	15.99	16.10	15.93	17	0	
15	QPSK	1	37	16.03	15.90	15.88			
15	QPSK	1	74	15.94	15.98	15.83			
15	QPSK	36	0	16.00	16.06	15.88	17	0	
15	QPSK	36	20	15.94	16.03	15.89			
15	QPSK	36	39	15.93	15.96	15.78			
15	QPSK	75	0	15.94	16.02	15.79	17	0	
15	16QAM	1	0	15.84	15.90	15.77			
15	16QAM	1	37	15.84	15.98	15.80			
15	16QAM	1	74	15.88	16.01	15.87	17	0	
15	16QAM	36	0	15.93	16.02	15.91			
15	16QAM	36	20	15.86	16.11	15.91			
15	16QAM	36	39	15.97	15.89	15.93	17	0	
15	16QAM	75	0	15.94	15.93	15.88			
15	64QAM	1	0	15.91	15.86	15.72			
15	64QAM	1	37	15.82	15.93	15.86	17	0	
15	64QAM	1	74	15.96	16.01	15.83			
15	64QAM	36	0	15.91	15.93	15.83			
15	64QAM	36	20	15.93	16.05	15.93	17	0	
15	64QAM	36	39	15.90	15.86	15.89			
15	64QAM	75	0	15.87	16.02	15.87			
				20800	21100	21400			
Channel									
Frequency (MHz)									
10	QPSK	1	0	15.95	16.10	15.95	17	0	
10	QPSK	1	25	15.98	15.91	15.94			
10	QPSK	1	49	15.91	16.01	15.84			
10	QPSK	25	0	16.00	16.04	15.83	17	0	
10	QPSK	25	12	15.89	15.97	15.84			
10	QPSK	25	25	15.93	15.93	15.85			
10	QPSK	50	0	15.86	15.96	15.87	17	0	
10	16QAM	1	0	15.90	15.87	15.75			
10	16QAM	1	25	15.83	15.97	15.84			
10	16QAM	1	49	15.81	16.10	15.84	17	0	
10	16QAM	25	0	15.86	15.95	15.88			



Band 38 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	17.04	17.11	17.06	18	0	
20	QPSK	1	49	16.72	16.93	16.72			
20	QPSK	1	99	16.81	16.88	16.85			
20	QPSK	50	0	16.79	16.97	16.73	18	0	
20	QPSK	50	24	16.76	16.96	16.86			
20	QPSK	50	50	16.59	16.83	16.74			
20	QPSK	100	0	16.84	16.88	16.87	18	0	
20	16QAM	1	0	16.74	16.81	16.73			
20	16QAM	1	49	16.72	16.85	16.80			
20	16QAM	1	99	16.69	16.92	16.69			
20	16QAM	50	0	16.68	16.92	16.86	18	0	
20	16QAM	50	24	16.65	16.87	16.79			
20	16QAM	50	50	16.83	16.92	16.91			
20	16QAM	100	0	16.64	16.79	16.70	18	0	
20	84QAM	1	0	16.61	16.84	16.74			
20	84QAM	1	49	16.81	16.88	16.79			
20	84QAM	1	99	16.67	16.89	16.73			
20	84QAM	50	0	16.81	16.89	16.86	18	0	
20	84QAM	50	24	16.73	16.96	16.92			
20	84QAM	50	50	16.72	16.85	16.81			
20	84QAM	100	0	16.74	16.97	16.79			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	16.78	17.02	16.93	18	0	
15	QPSK	1	37	16.75	16.88	16.94			
15	QPSK	1	74	16.77	16.99	16.95			
15	QPSK	36	0	16.87	17.04	16.85	18	0	
15	QPSK	36	20	16.76	17.02	16.95			
15	QPSK	36	39	16.78	16.94	16.97			
15	QPSK	75	0	16.78	16.94	16.88	18	0	
15	16QAM	1	0	16.76	16.98	16.81			
15	16QAM	1	37	16.90	16.95	16.94			
15	16QAM	1	74	16.74	16.95	16.93	18	0	
15	16QAM	36	0	16.89	16.95	16.88			
15	16QAM	36	20	16.90	17.00	16.91			
15	16QAM	36	39	16.74	16.97	16.81	18	0	
15	16QAM	75	0	16.90	16.93	16.85			
15	84QAM	1	0	16.86	16.90	16.81	18	0	
15	84QAM	1	37	16.77	17.05	16.82			
15	84QAM	1	74	16.84	17.01	16.89			
15	84QAM	36	0	16.82	16.92	16.88	18	0	
15	84QAM	36	20	16.91	16.91	16.88			
15	84QAM	36	39	16.78	16.89	16.95			
15	84QAM	75	0	16.86	17.03	16.85			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	16.88	16.88	16.83	18	0	
10	QPSK	1	25	16.82	16.92	16.89			
10	QPSK	1	49	16.80	16.92	16.98			
10	QPSK	25	0	16.79	17.02	16.93	18	0	
10	QPSK	25	12	16.76	16.94	16.87			
10	QPSK	25	25	16.76	17.01	16.83			
10	QPSK	50	0	16.78	17.02	16.84	18	0	
10	16QAM	1	0	16.89	17.02	16.80			
10	16QAM	1	25	16.82	16.99	16.94			
10	16QAM	1	49	16.76	17.03	16.88	18	0	
10	16QAM	25	0	16.88	16.92	16.85			
10	16QAM	25	12	16.75	16.89	16.82			
10	16QAM	25	25	16.76	16.98	16.83	18	0	
10	16QAM	50	0	16.76	16.94	16.82			
10	84QAM	1	0	16.75	16.97	16.95			
10	84QAM	1	25	16.90	17.01	16.87	18	0	
10	84QAM	1	49	16.90	17.01	16.83			
10	84QAM	25	0	16.75	16.97	16.91			
10	84QAM	25	12	16.75	16.98	16.91	18	0	
10	84QAM	25	25	16.84	17.01	16.92			
10	84QAM	50	0	16.79	17.02	16.95			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	16.82	17.02	16.95	18	0	
5	QPSK	1	12	16.78	16.92	16.84			
5	QPSK	1	24	16.84	16.97	16.92			
5	QPSK	12	0	16.75	17.00	16.92	18	0	
5	QPSK	12	7	16.77	16.95	16.87			
5	QPSK	12	13	16.83	17.02	16.88			
5	QPSK	25	0	16.78	16.98	16.92	18	0	
5	16QAM	1	0	16.87	16.94	16.95			
5	16QAM	1	12	16.81	16.98	16.84			
5	16QAM	1	24	16.84	16.99	16.88	18	0	
5	16QAM	12	0	16.77	16.92	16.95			
5	16QAM	12	7	16.91	16.88	16.86			
5	16QAM	12	13	16.77	17.04	16.94	18	0	
5	16QAM	25	0	16.85	16.89	16.90			
5	84QAM	1	0	16.89	16.95	16.80			
5	84QAM	1	12	16.88	17.00	16.89	18	0	
5	84QAM	1	24	16.92	16.98	16.89			
5	84QAM	12	0	16.85	17.02	16.98			
5	84QAM	12	7	16.90	16.89	16.91	18	0	
5	84QAM	12	13	16.76	17.04	16.93			
5	84QAM	25	0	16.90	16.99	16.89			

Band 41 Ant1 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High 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	16.96	17.11	17.17	17.06	17.12	18	0
20	QPSK	1	49	16.92	16.88	17.01	16.92	17.05		
20	QPSK	1	99	16.87	16.94	17.02	16.89	17.04		
20	QPSK	50	0	16.84	16.89	17.12	16.86	17.05	18	0
20	QPSK	50	24	16.83	17.00	17.02	16.91	17.02		
20	QPSK	50	50	16.80	16.87	17.05	16.88	17.00		
20	QPSK	100	0	16.82	16.97	17.05	16.94	16.91	18	0
20	16QAM	1	0	16.92	16.91	17.02	17.03	16.97		
20	16QAM	1	49	16.87	16.97	17.10	16.84	16.91		
20	16QAM	1	99	16.84	16.98	17.08	16.89	17.03	18	0
20	16QAM	50	0	16.89	16.93	16.93	16.88	17.01		
20	16QAM	50	24	16.83	16.88	17.03	16.86	16.92		
20	16QAM	50	50	16.85	16.85	17.00	16.91	17.05	18	0
20	16QAM	100	0	16.79	16.92	17.09	16.85	16.96		
20	84QAM	1	0	16.84	16.94	16.94	16.90	17.10		
20	84QAM	1	49	16.80	16.92	17.08	16.94	16.92	18	0
20	84QAM	1	99	16.87	16.99	17.08	16.89	17.05		
20	84QAM	50	0	16.86	16.99	17.08	16.93	16.92		
20	84QAM	50	24	16.81	16.87	17.06	16.89	17.01	18	0
20	84QAM	50	50	16.91	17.06	17.08	17.01	17.03		
20	84QAM	100	0	16.80	16.94	17.08	16.84	17.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.88	16.97	17.04	17.02	17.13	18	0
15	QPSK	1	37	16.84	16.75	16.96	16.82	16.94		
15	QPSK	1	74	16.81	16.84	16.95	16.85	16.97		
15	QPSK	36	0	16.71	16.76	17.01	16.79	17.00	18	0
15	QPSK	36	20	16.79	16.91	16.87	16.85	16.93		
15	QPSK	36	39	16.66	16.73	16.96	16.80	16.93		
15	QPSK	75	0	16.76	16.88	17.00	16.88	16.83	18	0
15	16QAM	1	0	16.77	16.86	16.97	16.99	16.91		
15	16QAM	1	37	16.83	16.86	16.98	16.78	16.76		
15	16QAM	1	74	16.75	16.92	16.97	16.81	16.89	18	0
15	16QAM	36	0	16.77	16.79	16.84	16.84	16.98		
15	16QAM	36	20	16.72	16.74	16.94	16.72	16.80		
15	16QAM	36	39	16.78	16.72	16.91	16.77	16.99	18	0
15	16QAM	75	0	16.67	16.87	16.94	16.72	16.83		
15	84QAM	1	0	16.72	16.85	16.79	16.86	16.98		
15	84QAM	1</								

Reduced Power Mode for DSI 2

GSM850 Ant0 Default								
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.88	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.30	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 Default								
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.49	29.69	29.65	30.50	20.49	20.69	20.65	21.50
GPRS 1 Tx slot	29.49	29.61	29.57	30.50	20.49	20.61	20.57	21.50
GPRS 2 Tx slots	25.66	25.77	25.74	26.70	19.66	19.77	19.74	20.70
GPRS 3 Tx slots	23.77	24.06	23.88	25.00	19.51	19.80	19.62	20.74
GPRS 4 Tx slots	22.58	22.72	22.71	24.00	19.58	19.72	19.71	21.00
EDGE 1 Tx slot	25.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.10	17.48	17.63	17.60	18.84
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA V Ant0 Default				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.07	24.20	24.13	25.50
3GPP Rel 99 RMC 12.2Kbps	24.15	24.23	24.21	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.27	23.23	24.00
3GPP Rel 6 HSDPA Subtest-2	23.06	23.32	23.22	24.00
3GPP Rel 6 HSDPA Subtest-3	22.63	22.86	22.81	23.50
3GPP Rel 6 HSDPA Subtest-4	22.54	22.75	22.62	23.50
3GPP Rel 6 DC-HSDPA Subtest-1	22.91	23.17	23.04	24.00
3GPP Rel 6 DC-HSDPA Subtest-2	23.05	23.21	23.18	24.00
3GPP Rel 6 DC-HSDPA Subtest-3	22.58	22.81	22.70	23.50
3GPP Rel 6 DC-HSDPA Subtest-4	22.48	22.71	22.57	23.50
3GPP Rel 6 HSUPA Subtest-1	23.21	23.41	23.38	24.00
3GPP Rel 6 HSUPA Subtest-2	21.14	21.29	21.25	22.00
3GPP Rel 6 HSUPA Subtest-3	22.22	22.45	22.36	23.00
3GPP Rel 6 HSUPA Subtest-4	21.11	21.34	21.19	22.00
3GPP Rel 6 HSUPA Subtest-5	23.15	23.37	23.30	24.00



Band 5 Ant0 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				2427	2433	2422		
10	QPSK	1	0	24.27	24.33	24.22	25.5	0
10	QPSK	1	25	24.13	24.23	24.20		
10	QPSK	1	49	24.08	24.12	24.08		
10	QPSK	25	0	23.33	23.36	23.23		
10	QPSK	25	12	23.28	23.31	23.22		
10	QPSK	25	25	23.27	23.28	23.16	24.5	1
10	QPSK	50	0	23.24	23.34	23.29		
10	16QAM	1	0	23.33	23.47	23.39	24.5	1
10	16QAM	1	25	23.26	23.33	23.25		
10	16QAM	1	49	23.36	23.37	23.34		
10	16QAM	25	0	22.41	22.48	22.41		
10	16QAM	25	12	22.34	22.38	22.31		
10	16QAM	25	25	22.23	22.37	22.35	23.5	2
10	16QAM	50	0	22.47	22.53	22.46		
10	64QAM	1	0	22.57	22.66	22.64		
10	64QAM	1	25	22.50	22.61	22.56	23.5	2
10	64QAM	1	49	22.50	22.53	22.38		
10	64QAM	25	0	21.52	21.57	21.55		
10	64QAM	25	12	21.37	21.42	21.28	22.5	3
10	64QAM	25	25	21.41	21.46	21.40		
10	64QAM	50	0	21.47	21.49	21.45		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.19	24.21	24.17	25.5	0
5	QPSK	1	12	24.04	24.15	24.08		
5	QPSK	1	24	23.94	24.02	24.01		
5	QPSK	12	0	23.18	23.29	23.09		
5	QPSK	12	7	23.22	23.22	23.17	24.5	1
5	QPSK	12	13	23.16	23.19	23.11		
5	QPSK	25	0	23.16	23.22	23.23		
5	16QAM	1	0	23.19	23.43	23.28		
5	16QAM	1	12	23.12	23.24	23.22	24.5	1
5	16QAM	1	24	23.31	23.26	23.30		
5	16QAM	12	0	22.27	22.36	22.29		
5	16QAM	12	7	22.24	22.27	22.29	23.5	2
5	16QAM	12	13	22.19	22.27	22.30		
5	16QAM	25	0	22.36	22.50	22.39		
5	64QAM	1	0	22.47	22.54	22.51		
5	64QAM	1	12	22.43	22.53	22.43	23.5	2
5	64QAM	1	24	22.36	22.41	22.24		
5	64QAM	12	0	21.44	21.44	21.51		
5	64QAM	12	7	21.25	21.28	21.19	22.5	3
5	64QAM	12	13	21.29	21.40	21.28		
5	64QAM	25	0	21.35	21.44	21.36		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.16	24.27	24.08	25.5	0
3	QPSK	1	8	23.98	24.16	24.08		
3	QPSK	1	14	23.99	23.97	24.04		
3	QPSK	8	0	23.30	23.25	23.18		
3	QPSK	8	4	23.22	23.23	23.11	24.5	1
3	QPSK	8	7	23.16	23.17	23.03		
3	QPSK	15	0	23.17	23.24	23.26		
3	16QAM	1	0	23.24	23.43	23.26	24.5	1
3	16QAM	1	8	23.17	23.23	23.13		
3	16QAM	1	14	23.21	23.27	23.20		
3	16QAM	8	0	22.34	22.45	22.29		
3	16QAM	8	4	22.27	22.34	22.23	23.5	2
3	16QAM	8	7	22.15	22.26	22.29		
3	16QAM	15	0	22.36	22.44	22.34		
3	64QAM	1	0	22.42	22.58	22.50	23.5	2
3	64QAM	1	8	22.44	22.58	22.45		
3	64QAM	1	14	22.41	22.43	22.29		
3	64QAM	8	0	21.39	21.47	21.51		
3	64QAM	8	4	21.25	21.29	21.24	22.5	3
3	64QAM	8	7	21.38	21.44	21.29		
3	64QAM	15	0	21.39	21.39	21.36		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.23	24.29	24.19	25.5	0
1.4	QPSK	1	3	24.00	24.10	24.13		
1.4	QPSK	1	5	23.97	24.00	23.98		
1.4	QPSK	3	0	24.19	24.29	24.14		
1.4	QPSK	3	1	24.14	24.22	24.12		
1.4	QPSK	3	3	24.16	24.18	24.07		
1.4	QPSK	6	0	23.12	23.22	23.24	24.5	1
1.4	16QAM	1	0	23.27	23.37	23.36		
1.4	16QAM	1	3	23.20	23.18	23.20		
1.4	16QAM	1	5	23.32	23.26	23.30	24.5	1
1.4	16QAM	3	0	23.31	23.39	23.32		
1.4	16QAM	3	1	23.27	23.33	23.22		
1.4	16QAM	3	3	23.09	23.29	23.31		
1.4	16QAM	6	0	22.38	22.42	22.43	23.5	2
1.4	64QAM	1	0	22.43	22.61	22.52		
1.4	64QAM	1	3	22.40	22.54	22.41		
1.4	64QAM	1	5	22.36	22.46	22.33	23.5	2
1.4	64QAM	3	0	22.42	22.50	22.52		
1.4	64QAM	3	1	22.29	22.34	22.19		
1.4	64QAM	3	3	22.33	22.38	22.32		
1.4	64QAM	6	0	21.43	21.37	21.34	22.5	3

Band 7 Ant0 DS12								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.83	22.89	22.77	24	0
20	QPSK	1	49	22.70	22.76	22.66		
20	QPSK	1	99	22.59	22.72	22.67		
20	QPSK	50	0	22.76	22.85	22.57		
20	QPSK	50	24	22.68	22.79	22.63	24	0
20	QPSK	50	50	22.82	22.76	22.61		
20	QPSK	100	0	22.70	22.74	22.58		
20	16QAM	1	0	22.80	22.78	22.66		
20	16QAM	1	49	22.73	22.63	22.63	24	0
20	16QAM	1	99	22.68	22.65	22.58		
20	16QAM	50	0	21.93	21.86	21.81		
20	16QAM	50	24	21.82	21.74	21.69		
20	16QAM	50	50	21.88	21.86	21.82	23	1
20	16QAM	100	0	21.79	21.79	21.70		
20	64QAM	1	0	21.76	21.71	21.69		
20	64QAM	1	49	21.71	21.64	21.56	23	1
20	64QAM	1	99	21.65	21.63	21.58		
20	64QAM	50	0	20.80	20.77	20.70		
20	64QAM	50	24	20.80	20.70	20.61	22	2
20	64QAM	50	50	20.70	20.66	20.68		
20	64QAM	100	0	20.85	20.67	20.66		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.74	22.78	22.66	24	0
15	QPSK	1	37	22.61	22.61	22.60		
15	QPSK	1	74	22.47	22.61	22.57		
15	QPSK	36	0	22.89	22.75	22.43		
15	QPSK	36	20	22.57	22.70	22.58	24	0
15	QPSK	36	39	22.78	22.62	22.55		
15	QPSK	75	0	22.59	22.68	22.48		
15	16QAM	1	0	22.73	22.73	22.52		
15	16QAM	1	37	22.60	22.55	22.57	24	0
15	16QAM	1	74	22.62	22.53	22.55		
15	16QAM	36	0	21.88	21.73	21.74		
15	16QAM	36	20	21.71	21.68	21.59	23	1
15	16QAM	36	39	21.84	21.73	21.77		
15	16QAM	75	0	21.68	21.64	21.55		
15	64QAM	1	0	21.67	21.65	21.64		
15	64QAM	1	37	21.62	21.54	21.48	23	1
15	64QAM	1	74	21.56	21.53	21.52		
15	64QAM	36	0	20.70	20.73	20.64		
15	64QAM	36	20	20.70	20.64	20.53	22	2
15	64QAM	36	39	20.58	20.52	20.54		
15	64QAM	75	0	20.79	20.58	20.54		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.79	22.78	22.69	24	0
10	QPSK	1	25	22.64	22.67	22.52		
10	QPSK	1	49	22.51	22.65	22.61		
10	QPSK	25	0	22.66	22.74	22.42		
10	QPSK	25	12	22.60	22.66	22.50	24	0
10	QPSK	25	25	22.73	22.70	22.55		
10	QPSK	50	0	22.60	22.63	22.48		
10	16QAM	1	0	22.70	22.71	22.59		
10	16QAM	1	25	22.64	22.59	22.48	24	0
10	16QAM	1	49	22.61	22.60	22.49		
10	16QAM	25	0	21.79	21.72	21.68		
10	16QAM	25	12	21.72	21.65	21.57		
10	16QAM	25	25	21.79	21.80	21.73	23	1
10	16QAM	50	0	21.68	21.70	21.59		
10	64QAM	1	0	21.73	21.68	21.64	23	1
10	64QAM	1	25	21.64	21.54	21.51		
10	64QAM	1	49	21.56	21.57	21.46		
10	64QAM	25	0	20.75	20.71	20.58		
10	64QAM	25	12	20.74	20.58	20.47		
10	64QAM	25	25	20.67	20.52	20.56	22	2
10	64QAM	50	0	20.70	20.63	20.62		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.72	22.84	22.68	24	0
5	QPSK	1	12	22.64	22.62	22.59		
5	QPSK	1	24	22.47	22.67	22.54		
5	QPSK	12	0	22.68	22.72	22.42		
5	QPSK	12	7	22.54	22.70	22.54	24	0
5	QPSK	12	13	22.78	22.63	22.53		
5	QPSK	25	0	22.61	22.69	22.45		
5	16QAM	1	0	22.76	22.74	22.63		
5	16QAM	1	12	22.70	22.51	22.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel							37850	38000	38150		
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	24.15	24.23	24.07			25.5		
20	QPSK	1	49	24.07	24.12	23.98	24.5	1			
20	QPSK	1	99	23.94	24.08	23.98			24.5	1	
20	QPSK	50	0	23.15	23.26	23.17	23.5	2			
20	QPSK	50	24	23.11	23.20	23.13			23.5	2	
20	QPSK	50	50	23.11	23.24	23.15	23.5	2			
20	QPSK	100	0	23.17	23.21	23.07			23.5	2	
20	16QAM	1	0	23.03	23.18	23.12	22.5	3			
20	16QAM	1	49	22.99	23.08	23.03			22.5	3	
20	16QAM	1	99	22.95	23.06	22.98	22.5	3			
20	16QAM	50	0	22.29	22.42	22.31			22.5	3	
20	16QAM	50	24	22.22	22.35	22.31	22.5	3			
20	16QAM	50	50	22.34	22.38	22.25			22.5	3	
20	16QAM	100	0	22.32	22.37	22.32	22.5	3			
20	84QAM	1	0	22.13	22.24	22.20			22.5	3	
20	84QAM	1	49	22.07	22.16	22.06	22.5	3			
20	84QAM	1	99	22.16	22.20	22.14			22.5	3	
20	84QAM	50	0	21.32	21.40	21.29	22.5	3			
20	84QAM	50	24	21.19	21.28	21.15			22.5	3	
20	84QAM	50	50	21.23	21.32	21.20	22.5	3			
20	84QAM	100	0	21.27	21.32	21.25			22.5	3	
Channel							37825	38000			38175
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	24.10	24.14	24.03			25.5	0	
15	QPSK	1	37	24.00	24.08	23.90	24.5	1			
15	QPSK	1	74	23.91	23.93	23.89			24.5	1	
15	QPSK	36	0	23.00	23.21	23.04	24.5	1			
15	QPSK	36	20	23.04	23.17	23.10			24.5	1	
15	QPSK	36	39	23.07	23.12	23.09	24.5	1			
15	QPSK	75	0	23.04	23.08	23.00			24.5	1	
15	16QAM	1	0	22.94	23.05	23.07	24.5	1			
15	16QAM	1	37	22.91	22.95	22.92			24.5	1	
15	16QAM	1	74	22.86	23.03	22.88	24.5	1			
15	16QAM	36	0	22.19	22.36	22.24			23.5	2	
15	16QAM	36	20	22.10	22.21	22.22	23.5	2			
15	16QAM	36	39	22.29	22.24	22.10			23.5	2	
15	16QAM	75	0	22.27	22.29	22.21	23.5	2			
15	84QAM	1	0	22.05	22.10	22.11			23.5	2	
15	84QAM	1	37	21.95	22.02	21.94	23.5	2			
15	84QAM	1	74	22.04	22.08	22.09			23.5	2	
15	84QAM	36	0	21.22	21.32	21.14	22.5	3			
15	84QAM	36	20	21.08	21.22	21.12			22.5	3	
15	84QAM	36	39	21.10	21.19	21.07	22.5	3			
15	84QAM	75	0	21.16	21.21	21.21			22.5	3	
Channel							37800	38000			38200
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	24.08	24.15	24.02			25.5	0	
10	QPSK	1	25	23.98	24.02	23.95	24.5	1			
10	QPSK	1	49	23.90	23.93	23.89			24.5	1	
10	QPSK	25	0	23.01	23.22	23.05	24.5	1			
10	QPSK	25	12	23.07	23.14	23.05			24.5	1	
10	QPSK	25	25	22.99	23.18	23.05	24.5	1			
10	QPSK	50	0	23.12	23.13	23.01			24.5	1	
10	16QAM	1	0	22.92	23.08	23.05	24.5	1			
10	16QAM	1	25	22.91	22.94	22.92			24.5	1	
10	16QAM	1	49	22.81	22.98	22.88	24.5	1			
10	16QAM	25	0	22.25	22.29	22.22			23.5	2	
10	16QAM	25	12	22.12	22.28	22.21	23.5	2			
10	16QAM	25	25	22.29	22.32	22.11			23.5	2	
10	16QAM	50	0	22.19	22.27	22.21	23.5	2			
10	84QAM	1	0	22.04	22.16	22.05			23.5	2	
10	84QAM	1	25	21.94	22.04	21.92	23.5	2			
10	84QAM	1	49	22.03	22.15	22.10			23.5	2	
10	84QAM	25	0	21.23	21.27	21.20	22.5	3			
10	84QAM	25	12	21.13	21.20	21.09			22.5	3	
10	84QAM	25	25	21.12	21.19	21.09	22.5	3			
10	84QAM	50	0	21.17	21.27	21.11			22.5	3	
Channel							37775	38000			38225
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	24.10	24.14	23.96			25.5	0	
5	QPSK	1	12	23.93	24.02	23.90	24.5	1			
5	QPSK	1	24	23.90	23.95	23.83			24.5	1	
5	QPSK	12	0	23.02	23.15	23.05	24.5	1			
5	QPSK	12	7	23.08	23.13	23.07			24.5	1	
5	QPSK	12	13	23.05	23.21	23.11	24.5	1			
5	QPSK	25	0	23.05	23.12	22.97			24.5	1	
5	16QAM	1	0	22.99	23.06	23.06	24.5	1			
5	16QAM	1	12	22.96	23.01	22.98			24.5	1	
5	16QAM	1	24	22.85	22.99	22.90	24.5	1			
5	16QAM	12	0	22.18	22.32	22.24			23.5	2	
5	16QAM	12	7	22.10	22.29	22.24	23.5	2			
5	16QAM	12	13	22.29	22.26	22.16			23.5	2	
5	16QAM	25	0	22.21	22.28	22.19	23.5	2			
5	84QAM	1	0	22.03	22.21	22.12			23.5	2	
5	84QAM	1	12	21.97	22.11	21.95	23.5	2			
5	84QAM	1	24	22.02	22.05	22.06			23.5	2	
5	84QAM	12	0	21.20	21.33	21.26	22.5	3			
5	84QAM	12	7	21.11	21.21	21.06			22.5	3	
5	84QAM	12	13	21.19	21.21	21.08	22.5	3			
5	84QAM	25	0	21.19	21.23	21.17			22.5	3	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel							39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	24.06	24.22	24.29	24.26	24.20			25.5		
20	QPSK	1	49	23.93	23.99	24.05	23.97	24.00	24.5	1			
20	QPSK	1	99	23.92	23.95	23.99	23.94	23.98			24.5	1	
20	QPSK	50	0	23.29	23.22	23.34	23.24	23.24	24.5	1			
20	QPSK	50	24	23.14	23.14	23.22	23.13	23.10			24.5	1	
20	QPSK	50	50	23.02	23.06	23.14	23.00	23.05	24.5	1			
20	QPSK	100	0	23.31	23.29	23.38	23.30	23.28			24.5	1	
20	16QAM	1	0	23.26	23.24	23.31	23.17	23.22	24.5	1			
20	16QAM	1	49	23.13	23.20	23.25	23.20	23.11			24.5	1	
20	16QAM	1	99	23.14	23.17	23.24	23.14	23.16	24.5	1			
20	16QAM	50	0	22.36	22.33	22.46	22.38	22.31			23.5	2	
20	16QAM	50	24	22.29	22.25	22.38	22.35	22.23	23.5	2			
20	16QAM	50	50	22.21	22.25	22.37	22.26	22.28			23.5	2	
20	16QAM	100	0	22.32	22.37	22.44	22.39	22.29	23.5	2			
20	84QAM	1	0	22.13	22.16	22.23	22.10	22.10			23.5	2	
20	84QAM	1	49	22.08	22.13	22.18	22.14	22.01	23.5	2			
20	84QAM	1	99	22.02	22.06	22.16	22.12	22.11			23.5	2	
20	84QAM	50	0	21.34	21.33	21.41	21.35	21.32	22.5	3			
20	84QAM	50	24	21.29	21.27	21.37	21.33	21.21			22.5	3	
20	84QAM	50	50	21.22	21.22	21.32	21.23	21.29	22.5	3			
20	84QAM	100	0	21.44	21.34	21.47	21.33	21.37			22.5	3	
Channel							39725	40173	40620	41058			41515
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5					
15	QPSK	1	0	23.92	24.12	24.18	24.21	24.06			26	0	
15	QPSK	1	37	23.84	23.87	23.93	23.86	23.85	24.5	1			
15	QPSK	1	74	23.87	23.91	23.87	23.84	23.90			24.5	1	
15	QPSK	36	0	23.23	23.31	23.20	2						

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GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 Default

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

WCDMA V Ant1 Default

Band TX Channel	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	23.93	24.09	24.06	25.50
3GPP Rel 99 RMC 12.2Kbps	24.12	24.23	24.18	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.22	23.15	24.00
3GPP Rel 6 HSDPA Subtest-2	22.94	23.03	22.94	24.00
3GPP Rel 6 HSDPA Subtest-3	22.50	22.72	22.59	23.50
3GPP Rel 6 HSDPA Subtest-4	22.49	22.59	22.49	23.50
3GPP Rel 8 DC-HSDPA Subtest-1	23.02	23.22	23.03	24.00
3GPP Rel 8 DC-HSDPA Subtest-2	23.13	23.06	22.94	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	22.44	22.71	22.55	23.50
3GPP Rel 8 DC-HSDPA Subtest-4	22.32	22.68	22.66	23.50
3GPP Rel 6 HSUPA Subtest-1	23.04	23.20	23.04	24.00
3GPP Rel 6 HSUPA Subtest-2	21.01	21.22	20.94	22.00
3GPP Rel 6 HSUPA Subtest-3	21.92	22.18	21.83	23.00
3GPP Rel 6 HSUPA Subtest-4	21.00	21.15	21.00	22.00
3GPP Rel 6 HSUPA Subtest-5	23.03	23.23	22.99	24.00



Band 5 Ant1 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				24.2	24.35	24.4		
10	QPSK	1	0	24.20	24.31	24.20		
10	QPSK	1	25	24.15	24.10	24.16	25.5	0
10	QPSK	1	49	24.01	24.11	24.08		
10	QPSK	25	0	23.06	23.15	23.11		
10	QPSK	25	12	22.98	23.06	22.99	24.5	1
10	QPSK	25	25	23.03	23.11	23.02		
10	QPSK	50	0	22.97	23.07	22.98		
10	16QAM	1	0	23.25	23.33	23.23	24.5	1
10	16QAM	1	25	23.13	23.23	23.16		
10	16QAM	1	49	23.13	23.23	23.10		
10	16QAM	25	0	22.05	22.14	22.08		
10	16QAM	25	12	21.94	21.99	21.89	23.5	2
10	16QAM	25	25	22.05	22.10	22.06		
10	16QAM	50	0	22.00	22.12	22.03		
10	64QAM	1	0	21.84	21.91	21.83		
10	64QAM	1	25	21.76	21.82	21.71	23.5	2
10	64QAM	1	49	21.74	21.86	21.77		
10	64QAM	25	0	21.02	21.09	21.04		
10	64QAM	25	12	20.91	20.97	20.83	22.5	3
10	64QAM	25	25	20.96	21.00	20.93		
10	64QAM	50	0	20.94	21.06	20.98		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.26	24.16	24.08		
5	QPSK	1	12	24.05	24.13	24.03	25.5	0
5	QPSK	1	24	23.88	23.98	24.02		
5	QPSK	12	0	22.93	23.06	23.05		
5	QPSK	12	7	22.88	23.01	22.96	24.5	1
5	QPSK	12	13	23.00	23.08	22.95		
5	QPSK	25	0	22.86	23.03	22.93		
5	16QAM	1	0	23.18	23.22	23.13		
5	16QAM	1	12	23.08	23.15	23.10	24.5	1
5	16QAM	1	24	23.07	23.12	23.02		
5	16QAM	12	0	21.92	22.09	21.98		
5	16QAM	12	7	21.90	21.85	21.83	23.5	2
5	16QAM	12	13	21.95	22.02	21.94		
5	16QAM	25	0	21.94	22.00	21.94		
5	64QAM	1	0	21.70	21.85	21.79		
5	64QAM	1	12	21.63	21.69	21.68	23.5	2
5	64QAM	1	24	21.63	21.77	21.72		
5	64QAM	12	0	20.91	21.02	20.90		
5	64QAM	12	7	20.77	20.84	20.72	22.5	3
5	64QAM	12	13	20.83	20.92	20.89		
5	64QAM	25	0	20.85	21.02	20.90		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.16	24.16		
3	QPSK	1	8	24.07	24.13	24.06	25.5	0
3	QPSK	1	14	23.89	23.98	23.98		
3	QPSK	8	0	23.02	23.01	23.04		
3	QPSK	8	4	22.84	22.95	22.95	24.5	1
3	QPSK	8	7	22.98	23.01	22.96		
3	QPSK	15	0	22.88	22.94	22.83		
3	16QAM	1	0	23.22	23.25	23.13	24.5	1
3	16QAM	1	8	23.09	23.11	23.13		
3	16QAM	1	14	23.07	23.14	23.03		
3	16QAM	8	0	21.94	22.04	22.04		
3	16QAM	8	4	21.80	21.91	21.76	23.5	2
3	16QAM	8	7	22.01	22.02	21.93		
3	16QAM	15	0	21.97	22.09	21.92		
3	64QAM	1	0	21.78	21.83	21.68	23.5	2
3	64QAM	1	8	21.61	21.78	21.61		
3	64QAM	1	14	21.68	21.77	21.69		
3	64QAM	8	0	20.97	21.03	20.95		
3	64QAM	8	4	20.84	20.92	20.70	22.5	3
3	64QAM	8	7	20.93	20.96	20.79		
3	64QAM	15	0	20.87	20.91	20.94		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.15	24.27	24.10		
1.4	QPSK	1	3	24.10	24.05	24.12	25.5	0
1.4	QPSK	1	5	23.92	23.99	23.94		
1.4	QPSK	3	0	23.95	24.09	24.00		
1.4	QPSK	3	1	23.86	24.02	23.85		
1.4	QPSK	3	3	23.94	23.97	23.89	24.5	1
1.4	QPSK	6	0	22.89	22.95	22.85		
1.4	16QAM	1	0	23.14	23.28	23.19		
1.4	16QAM	1	3	22.99	23.15	23.02	24.5	1
1.4	16QAM	1	5	23.07	23.12	23.07		
1.4	16QAM	3	0	23.91	23.00	23.05		
1.4	16QAM	3	1	22.91	22.95	22.81		
1.4	16QAM	3	3	22.92	23.06	22.99	23.5	2
1.4	16QAM	6	0	21.86	22.02	21.92		
1.4	64QAM	1	0	21.71	21.78	21.79		
1.4	64QAM	1	3	21.66	21.73	21.58		
1.4	64QAM	1	5	21.67	21.72	21.74	23.5	2
1.4	64QAM	3	0	21.94	22.06	21.93		
1.4	64QAM	3	1	21.84	21.85	21.79		
1.4	64QAM	3	3	21.89	21.92	21.87	22.5	3
1.4	64QAM	6	0	20.84	20.96	20.90		

Band 7 Ant1 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				23.10	23.35	23.50		
20	QPSK	1	0	23.35	23.59	23.91		
20	QPSK	1	49	23.86	23.94	23.81	25	0
20	QPSK	1	99	23.73	23.80	23.69		
20	QPSK	50	0	22.98	23.09	22.95		
20	QPSK	50	24	22.93	23.02	22.93	24	1
20	QPSK	50	50	22.90	22.95	22.90		
20	QPSK	100	0	23.07	23.14	23.01		
20	16QAM	1	0	23.00	23.10	23.02	24	1
20	16QAM	1	49	22.92	22.97	22.90		
20	16QAM	1	99	22.91	23.04	22.94		
20	16QAM	50	0	22.01	22.12	22.08		
20	16QAM	50	24	21.86	21.98	21.89	23	2
20	16QAM	50	50	21.94	22.01	21.89		
20	16QAM	100	0	22.04	22.14	22.03		
20	64QAM	1	0	21.99	22.09	21.98		
20	64QAM	1	49	21.84	22.01	21.87	23	2
20	64QAM	1	99	21.80	21.97	21.83		
20	64QAM	50	0	21.09	21.13	21.06		
20	64QAM	50	24	20.89	21.04	20.90	22	3
20	64QAM	50	50	20.93	21.04	20.92		
20	64QAM	100	0	21.01	21.16	21.10		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.78	23.90	23.77		
15	QPSK	1	37	23.74	23.83	23.75	25	0
15	QPSK	1	74	23.61	23.74	23.66		
15	QPSK	36	0	22.86	22.87	22.83		
15	QPSK	36	20	22.88	22.99	22.89	24	1
15	QPSK	36	39	22.80	22.91	22.81		
15	QPSK	75	0	22.97	23.02	22.93		
15	16QAM	1	0	22.95	23.03	22.87		
15	16QAM	1	37	22.83	22.84	22.70	24	1
15	16QAM	1	74	22.87	22.93	22.79		
15	16QAM	36	0	21.91	21.98	21.96		
15	16QAM	36	20	21.78	21.87	21.74	23	2
15	16QAM	36	39	21.82	21.98	21.74		
15	16QAM	75	0	21.98	22.02	21.93		
15	64QAM	1	0	21.90	21.95	21.87		
15	64QAM	1	37	21.78	21.82	21.82	23	2
15	64QAM	1	74	21.84	21.90	21.71		
15	64QAM	36	0	21.06	21.05	20.98		
15	64QAM	36	20	20.77	20.91	20.82	22	3
15	64QAM	36	39	20.87	20.97	20.77		
15	64QAM	75	0	20.81	21.11	21.00		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.74	23.88	23.87		
10	QPSK	1	25	23.80	23.86	23.67	25	0
10	QPSK	1	49	23.60	23.68	23.63		
10	QPSK	25	0	22.91	23.01	22.80		
10	QPSK	25	12	22.80	22.89	22.83	24	1
10	QPSK	25	25	22.75	22.81	22.79		
10	QPSK	50	0	22.86	23.09	22.87		
10	16QAM	1	0	22.87	23.01	22.93		
10	16QAM	1	25	22.83	22.87	22.80	24	1
10	16QAM	1	49	22.85	22.92	22.86		
10	16QAM	25	0	21.94	22.08	22.04		
10	16QAM	25	12	21.78	21.84	21.81	23	2
10	16QAM	25	25	21.89	21.91	21.79		
10	16QAM	50	0	22.00	22.09	21.92		
10	64QAM	1	0	21.92	21.98	21.91	23	2
10	64QAM	1	25	21.70	21.89	21.80		
10	64QAM	1	49	21.81	21.89	21.68		
10	64QAM	25	0	20.95	21.08	21.02		
10	64QAM	25	12	20.77	20.91	20.78	22	3
10	64QAM	25	25	20.79	20.92	20.85		
10	64QAM	50	0	20.87	21.05	20.99		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.78	23.89	23.86		
5	QPSK	1	12	23.79	23.80	23.68	25	0
5	QPSK	1	24	23.62	23.68	23.59		
5	QPSK	12	0	22.90	23.00	22.89		
5	QPSK	12	7	22.83	22.88	22.80	24	1
5	QPSK	12	13	22.81	22.90	22.81		
5	QPSK	25	0	22.92	23.02	22.88		
5	16QAM	1	0	22.88	23.00	22.91		
5	16QAM	1	12	22.88	22.83	22.80		

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	24.31	24.41	24.37	25.5	0				
20	QPSK	1	49	24.23	24.34	24.20						
20	QPSK	1	99	24.12	24.25	24.19						
20	QPSK	50	0	23.32	23.38	23.25	24.5	1				
20	QPSK	50	24	23.14	23.27	23.18						
20	QPSK	50	50	23.25	23.34	23.27						
20	QPSK	100	0	23.27	23.35	23.26	24.5	1				
20	16QAM	1	0	23.25	23.39	23.27						
20	16QAM	1	49	23.21	23.31	23.17						
20	16QAM	1	99	23.23	23.36	23.30	23.5	2				
20	16QAM	50	0	22.26	22.33	22.22						
20	16QAM	50	24	22.13	22.25	22.12						
20	16QAM	50	50	22.17	22.25	22.13	23.5	2				
20	16QAM	100	0	22.28	22.38	22.25						
20	84QAM	1	0	22.13	22.22	22.17						
20	84QAM	1	49	22.02	22.15	22.09	23.5	2				
20	84QAM	1	99	21.96	22.08	21.98						
20	84QAM	50	0	21.14	21.28	21.22						
20	84QAM	50	24	21.02	21.15	21.08	22.5	3				
20	84QAM	50	50	21.09	21.19	21.07						
20	84QAM	100	0	21.20	21.32	21.20						
Channel				37825	38000	38175						
Frequency (MHz)				2577.5	2595	2612.5						
15	QPSK	1	0	24.27	24.27	24.24	25.5	0				
15	QPSK	1	37	24.15	24.30	24.13						
15	QPSK	1	74	23.99	24.19	24.05						
15	QPSK	36	0	23.29	23.32	23.13	24.5	1				
15	QPSK	36	20	23.08	23.23	23.09						
15	QPSK	36	39	23.21	23.24	23.22						
15	QPSK	75	0	23.19	23.29	23.12	24.5	1				
15	16QAM	1	0	23.18	23.28	23.16						
15	16QAM	1	37	23.15	23.20	23.04						
15	16QAM	1	74	23.09	23.29	23.17	23.5	2				
15	16QAM	36	0	22.16	22.19	22.11						
15	16QAM	36	20	22.07	22.13	22.06						
15	16QAM	36	39	22.13	22.19	22.01	23.5	2				
15	16QAM	75	0	22.21	22.30	22.13						
15	84QAM	1	0	22.00	22.08	22.07						
15	84QAM	1	37	21.87	22.12	22.00	23.5	2				
15	84QAM	1	74	21.82	22.05	21.87						
15	84QAM	36	0	21.05	21.21	21.11						
15	84QAM	36	20	20.92	21.06	20.95	22.5	3				
15	84QAM	36	39	21.01	21.04	21.03						
15	84QAM	75	0	21.07	21.22	21.12						
Channel				37800	38000	38200						
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	24.27	24.37	24.23	25.5	0				
10	QPSK	1	25	24.16	24.22	24.09						
10	QPSK	1	49	23.97	24.20	24.14						
10	QPSK	25	0	23.19	23.25	23.19	24.5	1				
10	QPSK	25	12	23.00	23.24	23.09						
10	QPSK	25	25	23.17	23.27	23.15						
10	QPSK	50	0	23.15	23.26	23.18	24.5	1				
10	16QAM	1	0	23.16	23.35	23.18						
10	16QAM	1	25	23.16	23.17	23.10						
10	16QAM	1	49	23.16	23.30	23.17	23.5	2				
10	16QAM	25	0	22.15	22.26	22.14						
10	16QAM	25	12	22.01	22.21	22.06						
10	16QAM	25	25	22.06	22.19	21.98	23.5	2				
10	16QAM	50	0	22.24	22.25	22.20						
10	84QAM	1	0	22.04	22.11	22.13						
10	84QAM	1	25	21.95	22.00	21.98	23.5	2				
10	84QAM	1	49	21.89	21.97	21.92						
10	84QAM	25	0	21.11	21.25	21.12						
10	84QAM	25	12	20.89	21.07	21.04	22.5	3				
10	84QAM	25	25	21.01	21.04	20.94						
10	84QAM	50	0	21.13	21.27	21.07						
Channel				37775	38000	38225						
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	24.22	24.32	24.25	25.5	0				
5	QPSK	1	12	24.16	24.20	24.07						
5	QPSK	1	24	24.01	24.20	24.13						
5	QPSK	12	0	23.27	23.28	23.19	24.5	1				
5	QPSK	12	7	23.11	23.22	23.12						
5	QPSK	12	13	23.14	23.31	23.21						
5	QPSK	25	0	23.13	23.30	23.22	24.5	1				
5	16QAM	1	0	23.10	23.29	23.20						
5	16QAM	1	12	23.12	23.27	23.10						
5	16QAM	1	24	23.16	23.23	23.23	23.5	2				
5	16QAM	12	0	22.13	22.27	22.15						
5	16QAM	12	7	22.03	22.11	21.98						
5	16QAM	12	13	22.02	22.15	22.05	23.5	2				
5	16QAM	25	0	22.13	22.25	22.13						
5	84QAM	1	0	22.01	22.18	22.08						
5	84QAM	1	12	21.95	22.05	22.02	23.5	2				
5	84QAM	1	24	21.81	22.02	21.88						
5	84QAM	12	0	21.01	21.19	21.18						
5	84QAM	12	7	20.91	21.11	21.01	22.5	3				
5	84QAM	12	13	20.99	21.12	20.97						
5	84QAM	25	0	21.13	21.20	21.11						

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				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.35	24.38	24.46	24.43	24.32	25.5	0		
20	QPSK	1	49	24.20	24.24	24.28	24.17	24.14				
20	QPSK	1	99	24.29	24.21	24.35	24.31	24.20				
20	QPSK	50	0	23.32	23.36	23.43	23.31	23.33	24.5	1		
20	QPSK	50	24	23.24	23.23	23.30	23.26	23.20				
20	QPSK	50	50	23.23	23.29	23.34	23.20	23.22				
20	QPSK	100	0	23.29	23.28	23.35	23.27	23.21	24.5	1		
20	16QAM	1	0	23.31	23.27	23.40	23.26	23.35				
20	16QAM	1	49	23.16	23.22	23.28	23.17	23.24				
20	16QAM	1	99	23.25	23.22	23.26	23.15	23.24	23.5	2		
20	16QAM	50	0	22.15	22.17	22.25	22.14	22.13				
20	16QAM	50	24	22.08	22.14	22.19	22.15	21.98				
20	16QAM	50	50	22.04	22.13	22.19	22.12	22.01	23.5	2		
20	16QAM	100	0	22.28	22.18	22.32	22.27	22.20				
20	84QAM	1	0	22.05	22.01	22.09	22.00	21.98				
20	84QAM	1	49	21.87	21.97	22.03	21.92	21.91	23.5	2		
20	84QAM	1	99	21.89	21.92	22.03	21.93	21.91				
20	84QAM	50	0	21.27	21.28	21.37	21.30	21.29				
20	84QAM	50	24	21.20	21.23	21.27	21.15	21.18	22.5	3		
20	84QAM	50	50	21.19	21.14	21.24	21.12	21.14				
20	84QAM	100	0	21.34	21.32	21.40	21.33	21.36				
Channel				39725	40173	40620	41058	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5				
15	QPSK	1	0	24.28	24.26	24.40	24.39	24.26	26	0		
15	QPSK	1	37	24.14	24.15	24.16	24.03	23.99				
15	QPSK	1	74	24.16	24.16	24.29	24.22	24.10				
15	QPSK	36	0	23.28	23.31	23.39	23.19	23.27	24.5	1		
15	QPSK	36	20	23.18	23.13	23.19	23.15	23.14				
15	QPSK	36	39	23.18	23.16	23.30	23.11	23.14				
15	QPSK	75	0	23.24	23.17	23.23	23.17	23.11	24.5	1		
15	16QAM	1	0	23.28	23.23	23.31	23.22	23.23				
15	16QAM	1	37	23.05	23.14	23.13	23.13	23.12				
15	16QAM	1	74	23.11	23.11	23.18	23.10	23.17	23.5	2		
15	16QAM	36	0	22.05	22.10	22.11	22.08	22.07				
15	16QAM	36	20	22.00	22.11	22.11	22.10	21.88				
15	16QAM	36	39	21.92	22.09	22.14	22.06	21.87	23.5	2		
15	16QAM	75	0	22.18	22.13	22.19	22.13	22.16				
15	84QAM	1	0	21.98	21.89	22.05	21.93	21.94				
15	84QAM	1	37	21.78	21.85	21.95	21.85	21.87	23.5	2		
15	84QAM	1	74	21.81	21.83	21.93	21.87	21.83				
15	84QAM	36	0	21.23	21.15	21.24	21.22	21.17				
15	84QAM	36	20	21.06	21.12	21.19	21.08	21.04	22.5	3		
15	84QAM	36	39	21.13	21.00	21.14	21.01	21.10				
15	84QAM	75	0	21.29	21.19	21.26	21.27	21.31				
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.30	24.28	24.34	24.38	24.27	25.5	0		
10	QPSK	1	25	24.13	24.16	24.16	24.11	24.02				
10	QPSK	1	49	24.19	24.13	24.21	24.26	24.11				
10	QPSK	25	0	23.26	23.30	23.36	23.25	23.26	24.5	1		
10	QPSK	25	12	23.15	23.10	23.23	23.12	23.13				
10	QPSK	25	25	23.15	23.25	23.24	23.12	23.12				
10	QPSK	50	0	23.21	23.23	23.31	23.16	23.12	24.5	1		
10	16QAM	1	0	23.22	23.22	23.36	23.19	23.31				
10	16QAM	1	25	23.12	23.10	23.23	23.03	23.13				
10	16QAM	1	49	23.17	23.16	23.17	23.08	23.11	23.5	2		
10</												

Reduced Power Mode for DSI 4

GSM850 Ant0 Default								
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.53	32.77	32.65	33.50	23.53	23.77	23.65	24.50
GPRS 1 Tx slot	32.47	32.60	32.57	33.50	23.47	23.60	23.57	24.50
GPRS 2 Tx slots	28.74	28.81	28.66	30.00	22.74	22.81	22.66	24.00
GPRS 3 Tx slots	27.07	27.26	26.89	28.50	22.81	23.00	22.63	24.24
GPRS 4 Tx slots	25.88	25.91	25.75	27.50	22.88	22.91	22.75	24.50
EDGE 1 Tx slot	27.15	27.28	27.00	27.50	18.15	18.28	18.00	18.50
EDGE 2 Tx slots	24.39	24.35	24.20	25.00	18.39	18.35	18.20	19.00
EDGE 3 Tx slots	22.13	22.24	22.16	23.50	17.87	17.98	17.90	19.24
EDGE 4 Tx slots	21.38	21.48	21.28	22.50	18.38	18.48	18.28	19.50

GSM1900 Ant0 DSM								
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		1850.2	1850	1800.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1850	1800.8	
GSM 1 Tx slot	27.42	27.76	27.65	28.50	18.42	18.76	18.65	19.50
GPRS 1 Tx slot	27.57	27.70	27.61	28.50	18.57	18.70	18.61	19.50
GPRS 2 Tx slots	23.66	23.91	23.68	25.00	17.66	17.91	17.68	19.00
GPRS 3 Tx slots	21.70	21.85	21.90	23.00	17.44	17.59	17.64	18.74
GPRS 4 Tx slots	20.53	20.48	20.65	21.50	17.53	17.48	17.65	18.50
EDGE 1 Tx slot	26.87	26.04	25.85	26.80	16.87	17.04	16.85	17.80
EDGE 2 Tx slots	22.88	23.21	23.06	24.10	16.88	17.21	17.06	18.10
EDGE 3 Tx slots	21.74	21.89	21.86	23.00	17.48	17.63	17.60	18.74
EDGE 4 Tx slots	19.97	20.12	19.99	21.30	16.97	17.12	16.99	18.30

WCDMA V Ant0 Default				
Band	WCDMA V			Tune-up Limit (dBm)
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.07	24.20	24.13	25.50
3GPP Rel 99 RMC 12.2Kbps	24.15	24.23	24.21	25.50
3GPP Rel 6 HSDPA Subtest-1	23.10	23.27	23.23	24.50
3GPP Rel 6 HSDPA Subtest-2	23.06	23.32	23.22	24.50
3GPP Rel 6 HSDPA Subtest-3	22.63	22.88	22.81	24.00
3GPP Rel 6 HSDPA Subtest-4	22.54	22.75	22.82	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	22.91	23.17	23.04	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.05	23.21	23.18	24.50
3GPP Rel 8 DC-HSDPA Subtest-3	22.58	22.81	22.70	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	22.48	22.71	22.57	24.00
3GPP Rel 6 HSUPA Subtest-1	23.21	23.41	23.38	24.50
3GPP Rel 6 HSUPA Subtest-2	21.14	21.29	21.25	22.50
3GPP Rel 6 HSUPA Subtest-3	22.22	22.45	22.36	23.50
3GPP Rel 6 HSUPA Subtest-4	21.11	21.34	21.19	22.50
3GPP Rel 6 HSUPA Subtest-5	23.15	23.37	23.30	24.50



Band 5 Ant0 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829.5	836.5	844		
10	QPSK	1	0	24.27	24.32	24.22	25.5	0
10	QPSK	1	25	24.13	24.23	24.20		
10	QPSK	1	49	24.08	24.12	24.08	24.5	1
10	QPSK	25	0	23.33	23.36	23.23		
10	QPSK	25	12	23.28	23.31	23.22		
10	QPSK	25	25	23.27	23.28	23.16		
10	QPSK	50	0	23.24	23.34	23.29		
10	16QAM	1	0	23.33	23.47	23.39	24.5	1
10	16QAM	1	25	23.26	23.33	23.25		
10	16QAM	1	49	23.36	23.37	23.34	23.5	2
10	16QAM	25	0	22.41	22.48	22.41		
10	16QAM	25	12	22.34	22.38	22.31		
10	16QAM	25	25	22.23	22.37	22.35		
10	16QAM	50	0	22.47	22.53	22.46		
10	64QAM	1	0	22.57	22.66	22.64	23.5	2
10	64QAM	1	25	22.50	22.61	22.56		
10	64QAM	1	49	22.50	22.53	22.38	22.5	3
10	64QAM	25	0	21.52	21.57	21.55		
10	64QAM	25	12	21.37	21.42	21.28		
10	64QAM	25	25	21.41	21.46	21.40		
10	64QAM	50	0	21.47	21.49	21.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.19	24.21	24.17	25.5	0
5	QPSK	1	12	24.04	24.15	24.08		
5	QPSK	1	24	23.94	24.02	24.01	24.5	1
5	QPSK	12	0	23.18	23.29	23.09		
5	QPSK	12	7	23.22	23.22	23.17		
5	QPSK	12	13	23.16	23.19	23.11		
5	QPSK	25	0	23.16	23.22	23.23		
5	16QAM	1	0	23.19	23.43	23.28	24.5	1
5	16QAM	1	12	23.12	23.24	23.22		
5	16QAM	1	24	23.31	23.26	23.30	23.5	2
5	16QAM	12	0	22.27	22.36	22.29		
5	16QAM	12	7	22.24	22.27	22.23		
5	16QAM	12	13	22.19	22.27	22.30		
5	16QAM	25	0	22.36	22.50	22.39		
5	64QAM	1	0	22.47	22.54	22.51	23.5	2
5	64QAM	1	12	22.43	22.53	22.43		
5	64QAM	1	24	22.36	22.41	22.24	22.5	3
5	64QAM	12	0	21.44	21.44	21.51		
5	64QAM	12	7	21.25	21.28	21.19		
5	64QAM	12	13	21.29	21.40	21.28		
5	64QAM	25	0	21.35	21.44	21.36		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.16	24.27	24.08	25.5	0
3	QPSK	1	8	23.98	24.16	24.08		
3	QPSK	1	14	23.99	23.97	24.04	24.5	1
3	QPSK	8	0	23.30	23.25	23.18		
3	QPSK	8	4	23.22	23.23	23.11		
3	QPSK	8	7	23.16	23.17	23.03		
3	QPSK	15	0	23.17	23.24	23.26		
3	16QAM	1	0	23.24	23.43	23.26	24.5	1
3	16QAM	1	8	23.17	23.23	23.13		
3	16QAM	1	14	23.21	23.27	23.20	23.5	2
3	16QAM	8	0	22.34	22.45	22.29		
3	16QAM	8	4	22.27	22.34	22.23		
3	16QAM	8	7	22.15	22.26	22.29		
3	16QAM	15	0	22.36	22.44	22.34		
3	64QAM	1	0	22.42	22.58	22.50	23.5	2
3	64QAM	1	8	22.44	22.58	22.45		
3	64QAM	1	14	22.41	22.43	22.29	22.5	3
3	64QAM	8	0	21.39	21.47	21.51		
3	64QAM	8	4	21.25	21.29	21.24		
3	64QAM	8	7	21.38	21.44	21.29		
3	64QAM	15	0	21.39	21.39	21.36		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.23	24.29	24.19	25.5	0
1.4	QPSK	1	3	24.00	24.10	24.13		
1.4	QPSK	1	5	23.97	24.00	23.98	24.5	1
1.4	QPSK	3	0	24.19	24.29	24.14		
1.4	QPSK	3	1	24.14	24.22	24.12		
1.4	QPSK	3	3	24.16	24.18	24.07		
1.4	QPSK	6	0	23.12	23.22	23.24		
1.4	16QAM	1	0	23.27	23.37	23.36	24.5	1
1.4	16QAM	1	3	23.20	23.18	23.20		
1.4	16QAM	1	5	23.32	23.26	23.30	23.5	2
1.4	16QAM	3	0	23.31	23.39	23.32		
1.4	16QAM	3	1	23.27	23.33	23.22		
1.4	16QAM	3	3	23.09	23.29	23.31		
1.4	16QAM	6	0	22.38	22.42	22.43		
1.4	64QAM	1	0	22.43	22.61	22.52	23.5	2
1.4	64QAM	1	3	22.40	22.54	22.41		
1.4	64QAM	1	5	22.36	22.46	22.33	22.5	3
1.4	64QAM	3	0	22.42	22.50	22.52		
1.4	64QAM	3	1	22.29	22.34	22.19		
1.4	64QAM	3	3	22.33	22.38	22.32		
1.4	64QAM	6	0	21.43	21.37	21.34		

Band 7 Ant0 DS14								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2310	2335	2360		
20	QPSK	1	0	17.53	17.61	17.69	19	0
20	QPSK	1	49	17.54	17.59	17.52		
20	QPSK	1	99	17.59	17.71	17.56	19	0
20	QPSK	50	0	17.47	17.77	17.71		
20	QPSK	50	24	17.50	17.61	17.69		
20	QPSK	50	50	17.53	17.66	17.66		
20	QPSK	100	0	17.44	17.68	17.64		
20	16QAM	1	0	17.54	17.67	17.63	19	0
20	16QAM	1	49	17.51	17.79	17.74		
20	16QAM	1	99	17.52	17.70	17.58	19	0
20	16QAM	50	0	17.46	17.68	17.69		
20	16QAM	50	24	17.60	17.65	17.60		
20	16QAM	50	50	17.57	17.68	17.69		
20	16QAM	100	0	17.58	17.79	17.68		
20	64QAM	1	0	17.59	17.57	17.54	19	0
20	64QAM	1	49	17.48	17.69	17.73		
20	64QAM	1	99	17.62	17.74	17.65	19	0
20	64QAM	50	0	17.55	17.68	17.67		
20	64QAM	50	24	17.56	17.59	17.58		
20	64QAM	50	50	17.51	17.62	17.72		
20	64QAM	100	0	17.50	17.65	17.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.48	17.67	17.57	19	0
15	QPSK	1	37	17.51	17.44	17.45		
15	QPSK	1	74	17.45	17.61	17.49	19	0
15	QPSK	36	0	17.35	17.64	17.67		
15	QPSK	36	20	17.40	17.57	17.55		
15	QPSK	36	39	17.48	17.57	17.59		
15	QPSK	75	0	17.40	17.62	17.59		
15	16QAM	1	0	17.41	17.56	17.54	19	0
15	16QAM	1	37	17.42	17.76	17.60		
15	16QAM	1	74	17.49	17.55	17.50	19	0
15	16QAM	36	0	17.32	17.65	17.65		
15	16QAM	36	20	17.35	17.56	17.48		
15	16QAM	36	39	17.51	17.54	17.55		
15	16QAM	75	0	17.52	17.66	17.64		
15	64QAM	1	0	17.53	17.42	17.51	19	0
15	64QAM	1	37	17.43	17.65	17.59		
15	64QAM	1	74	17.49	17.70	17.52	19	0
15	64QAM	36	0	17.43	17.64	17.61		
15	64QAM	36	20	17.48	17.52	17.48		
15	64QAM	36	39	17.39	17.56	17.67		
15	64QAM	75	0	17.42	17.50	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2567.5		
10	QPSK	1	0	17.47	17.72	17.61	19	0
10	QPSK	1	25	17.44	17.48	17.37		
10	QPSK	1	49	17.54	17.67	17.48	19	0
10	QPSK	25	0	17.35	17.67	17.61		
10	QPSK	25	12	17.40	17.50	17.59		
10	QPSK	25	25	17.45	17.54	17.57		
10	QPSK	50	0	17.38	17.58	17.55		
10	16QAM	1	0	17.40	17.58	17.53	19	0
10	16QAM	1	25	17.38	17.69	17.63		
10	16QAM	1	49	17.48	17.67	17.45	19	0
10	16QAM	25	0	17.36	17.63	17.66		
10	16QAM	25	12	17.53	17.60	17.50		
10	16QAM	25	25	17.53	17.57	17.62		
10	16QAM	50	0	17.51	17.67	17.60		
10	64QAM	1	0	17.55	17.47	17.42		

Band 38 Ant0 DSI4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	19.85	19.87	19.71					
20	QPSK	1	49	19.74	19.79	19.62					
20	QPSK	1	99	19.73	19.86	19.61	21	0			
20	QPSK	50	0	19.73	19.78	19.52					
20	QPSK	50	24	19.66	19.76	19.53					
20	QPSK	50	50	19.70	19.69	19.62	21	0			
20	QPSK	100	0	19.67	19.72	19.65					
20	16QAM	1	0	19.76	19.79	19.65					
20	16QAM	1	49	19.74	19.74	19.66	21	0			
20	16QAM	1	99	19.75	19.77	19.60					
20	16QAM	50	0	19.71	19.81	19.63					
20	16QAM	50	24	19.75	19.76	19.68					
20	16QAM	50	50	19.79	19.78	19.61	21	0			
20	16QAM	100	0	19.76	19.70	19.58					
20	84QAM	1	0	19.72	19.79	19.55					
20	84QAM	1	49	19.69	19.70	19.55	21	0			
20	84QAM	1	99	19.84	19.81	19.70					
20	84QAM	50	0	19.75	19.81	19.52					
20	84QAM	50	24	19.76	19.84	19.55					
20	84QAM	50	50	19.82	19.68	19.55	21	0			
20	84QAM	100	0	19.82	19.72	19.63					
Channel				37825	38000	38175					
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	19.79	19.69	19.60					
15	QPSK	1	37	19.68	19.70	19.54	21	0			
15	QPSK	1	74	19.58	19.83	19.45					
15	QPSK	36	0	19.67	19.76	19.51					
15	QPSK	36	20	19.53	19.63	19.35	21	0			
15	QPSK	36	39	19.54	19.62	19.47					
15	QPSK	75	0	19.56	19.62	19.53					
15	16QAM	1	0	19.70	19.76	19.47					
15	16QAM	1	37	19.63	19.60	19.49	21	0			
15	16QAM	1	74	19.74	19.69	19.51					
15	16QAM	36	0	19.56	19.76	19.55					
15	16QAM	36	20	19.68	19.65	19.61					
15	16QAM	36	39	19.74	19.69	19.43	21	0			
15	16QAM	75	0	19.66	19.63	19.51					
15	84QAM	1	0	19.54	19.66	19.53					
15	84QAM	1	37	19.58	19.52	19.54	21	0			
15	84QAM	1	74	19.67	19.62	19.61					
15	84QAM	36	0	19.65	19.71	19.44					
15	84QAM	36	20	19.57	19.75	19.47	21	0			
15	84QAM	36	39	19.66	19.50	19.41					
15	84QAM	75	0	19.68	19.59	19.57					
Channel				37800	38000	38200					
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	19.81	19.74	19.60					
10	QPSK	1	25	19.67	19.63	19.55	21	0			
10	QPSK	1	49	19.62	19.76	19.49					
10	QPSK	25	0	19.66	19.61	19.36					
10	QPSK	25	12	19.52	19.66	19.38	21	0			
10	QPSK	25	25	19.57	19.52	19.60					
10	QPSK	50	0	19.59	19.66	19.51					
10	16QAM	1	0	19.70	19.64	19.63					
10	16QAM	1	25	19.59	19.62	19.64	21	0			
10	16QAM	1	49	19.61	19.58	19.53					
10	16QAM	25	0	19.60	19.75	19.53					
10	16QAM	25	12	19.71	19.67	19.61	21	0			
10	16QAM	25	25	19.71	19.75	19.51					
10	16QAM	50	0	19.73	19.64	19.44					
10	84QAM	1	0	19.66	19.71	19.39					
10	84QAM	1	25	19.56	19.63	19.43	21	0			
10	84QAM	1	49	19.74	19.78	19.61					
10	84QAM	25	0	19.62	19.77	19.40					
10	84QAM	25	12	19.70	19.76	19.40	21	0			
10	84QAM	25	25	19.68	19.61	19.48					
10	84QAM	50	0	19.74	19.58	19.56					
Channel				37775	38000	38225					
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	19.81	19.72	19.69					
5	QPSK	1	12	19.64	19.69	19.54	21	0			
5	QPSK	1	24	19.55	19.82	19.43					
5	QPSK	12	0	19.68	19.71	19.37					
5	QPSK	12	7	19.47	19.62	19.37	21	0			
5	QPSK	12	13	19.58	19.65	19.53					
5	QPSK	25	0	19.49	19.63	19.46					
5	16QAM	1	0	19.72	19.73	19.54					
5	16QAM	1	12	19.71	19.58	19.49	21	0			
5	16QAM	1	24	19.59	19.65	19.51					
5	16QAM	12	0	19.54	19.72	19.50					
5	16QAM	12	7	19.69	19.70	19.56	21	0			
5	16QAM	12	13	19.77	19.71	19.43					
5	16QAM	25	0	19.74	19.64	19.44					
5	84QAM	1	0	19.55	19.75	19.50					
5	84QAM	1	12	19.54	19.61	19.40	21	0			
5	84QAM	1	24	19.75	19.78	19.56					
5	84QAM	12	0	19.71	19.72	19.43					
5	84QAM	12	7	19.69	19.66	19.39	21	0			
5	84QAM	12	13	19.77	19.55	19.40					
5	84QAM	25	0	19.68	19.54	19.55					

Band 41 Ant0 DSI4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High 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	19.83	19.78	19.92	19.72	19.88			
20	QPSK	1	49	19.72	19.71	19.85	19.67	19.64	21	0	
20	QPSK	1	99	19.73	19.80	19.81	19.70	19.75			
20	QPSK	50	0	19.79	19.74	19.86	19.57	19.82			
20	QPSK	50	24	19.84	19.70	19.75	19.61	19.80	21	0	
20	QPSK	50	50	19.68	19.67	19.71	19.65	19.75			
20	QPSK	100	0	19.77	19.67	19.81	19.69	19.76			
20	16QAM	1	0	19.83	19.70	19.80	19.65	19.66			
20	16QAM	1	49	19.78	19.71	19.85	19.65	19.68	21	0	
20	16QAM	1	99	19.74	19.77	19.84	19.58	19.72			
20	16QAM	50	0	19.70	19.75	19.87	19.56	19.81			
20	16QAM	50	24	19.87	19.65	19.84	19.70	19.81	21	0	
20	16QAM	50	50	19.70	19.67	19.89	19.63	19.83			
20	16QAM	100	0	19.70	19.76	19.80	19.55	19.67			
20	84QAM	1	0	19.79	19.72	19.76	19.75	19.78			
20	84QAM	1	49	19.70	19.67	19.79	19.67	19.85	21	0	
20	84QAM	1	99	19.82	19.61	19.88	19.58	19.71			
20	84QAM	50	0	19.66	19.71	19.76	19.65	19.67			
20	84QAM	50	24	19.85	19.55	19.81	19.49	19.85	21	0	
20	84QAM	50	50	19.64	19.71	19.78	19.64	19.79			
20	84QAM	100	0	19.84	19.57	19.78	19.73	19.75			
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	19.68	19.73	19.82	19.57	19.85			
15	QPSK	1	37	19.66	19.63	19.71	19.54	19.54	21	0	
15	QPSK	1	74	19.63	19.67	19.69	19.58	19.60			
15	QPSK	36	0	19.74	19.59	19.76	19.47	19.71			
15	QPSK	36	20	19.77	19.61	19.66	19.50	19.66	21	0	
15	QPSK	36	39	19.58	19.58	19.58	19.61	19.71			
15	QPSK	75	0	19.68	19.59	19.68	19.61	19.62			
15	16QAM	1	0	19.75	19.62	19.77	19.52	19.52		</	



GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8	33.50	23.35	23.41	23.26	24.50
GSM 1 Tx slot	32.35	32.41	32.26	33.50	23.35	23.41	23.26	24.50
GPRS 1 Tx slot	32.31	32.37	32.13	33.50	23.31	23.37	23.13	24.50
GPRS 2 Tx slots	28.98	29.21	28.86	30.00	22.98	23.21	22.86	24.00
GPRS 3 Tx slots	27.10	27.17	27.01	28.50	22.84	22.91	22.75	24.24
GPRS 4 Tx slots	25.78	25.96	25.88	27.50	22.78	22.96	22.88	24.50
EDGE 1 Tx slot	26.82	26.97	26.93	27.50	17.82	17.97	17.93	18.50
EDGE 2 Tx slots	24.20	24.32	24.24	25.00	18.20	18.32	18.24	19.00
EDGE 3 Tx slots	22.51	22.58	22.54	23.50	18.25	18.32	18.28	19.24
EDGE 4 Tx slots	21.24	21.32	21.16	22.50	18.24	18.32	18.16	19.50

GSM1900 Ant1 DS13

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	28.50	19.08	19.23	19.04	19.50
GSM 1 Tx slot	28.08	28.23	28.04	28.50	19.08	19.23	19.04	19.50
GPRS 1 Tx slot	27.98	28.12	28.00	28.50	18.98	19.12	19.00	19.50
GPRS 2 Tx slots	24.21	24.23	24.17	25.00	18.21	18.23	18.17	19.00
GPRS 3 Tx slots	22.38	22.54	22.50	23.50	18.12	18.28	18.24	19.24
GPRS 4 Tx slots	21.22	21.32	21.25	22.00	18.22	18.32	18.25	19.00
EDGE 1 Tx slot	26.10	26.24	26.16	26.80	17.10	17.24	17.16	17.80
EDGE 2 Tx slots	23.37	23.45	23.23	24.10	17.37	17.45	17.23	18.10
EDGE 3 Tx slots	21.76	21.97	21.84	23.10	17.50	17.71	17.58	18.84
EDGE 4 Tx slots	20.51	20.56	20.43	21.30	17.51	17.56	17.43	18.30

WCDMA V Ant1 Default

Band	WCDMA V			Tune-up Limit (dBm)	
	4132	4182	4233		
TX Channel	4357	4407	4458		
Rx Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	23.93	24.09	24.06	25.50
3GPP Rel 99	RMC 12.2Kbps	24.12	24.23	24.18	25.50
3GPP Rel 6	HSDPA Subtest-1	23.10	23.22	23.15	24.50
3GPP Rel 6	HSDPA Subtest-2	22.94	23.03	22.94	24.50
3GPP Rel 6	HSDPA Subtest-3	22.50	22.72	22.59	24.00
3GPP Rel 6	HSDPA Subtest-4	22.49	22.59	22.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.22	23.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.13	23.06	22.94	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.44	22.71	22.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.32	22.68	22.66	24.00
3GPP Rel 6	HSUPA Subtest-1	23.04	23.20	23.04	24.50
3GPP Rel 6	HSUPA Subtest-2	21.01	21.22	20.94	22.50
3GPP Rel 6	HSUPA Subtest-3	21.92	22.18	21.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.00	21.15	21.00	22.50
3GPP Rel 6	HSUPA Subtest-5	23.03	23.23	22.99	24.50



Band 5 Ant1 Default								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				23.1	23.5	24.0		
10	QPSK	1	0	24.20	24.31	24.40	25.5	0
10	QPSK	1	25	24.15	24.10	24.16		
10	QPSK	1	49	24.01	24.11	24.08		
10	QPSK	25	0	23.06	23.15	23.11		
10	QPSK	25	12	22.98	23.06	22.99	24.5	1
10	QPSK	25	25	23.03	23.11	23.02		
10	QPSK	50	0	22.97	23.07	22.98		
10	16QAM	1	0	23.25	23.33	23.23	24.5	1
10	16QAM	1	25	23.13	23.23	23.16		
10	16QAM	1	49	23.13	23.23	23.10		
10	16QAM	25	0	22.05	22.14	22.08		
10	16QAM	25	12	21.94	21.99	21.89	23.5	2
10	16QAM	25	25	22.05	22.10	22.06		
10	16QAM	50	0	22.00	22.12	22.03		
10	64QAM	1	0	21.84	21.91	21.83	23.5	2
10	64QAM	1	25	21.76	21.82	21.71		
10	64QAM	1	49	21.74	21.86	21.77		
10	64QAM	25	0	21.02	21.09	21.04	22.5	3
10	64QAM	25	12	20.91	20.97	20.83		
10	64QAM	25	25	20.96	21.00	20.93		
10	64QAM	50	0	20.94	21.06	20.98		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.26	24.18	24.08	25.5	0
5	QPSK	1	12	24.05	24.13	24.03		
5	QPSK	1	24	23.88	23.98	24.02		
5	QPSK	12	0	22.93	23.06	23.05	24.5	1
5	QPSK	12	7	22.88	23.01	22.96		
5	QPSK	12	13	23.00	23.08	22.95		
5	QPSK	25	0	22.86	23.03	22.93		
5	16QAM	1	0	23.18	23.22	23.13	24.5	1
5	16QAM	1	12	23.08	23.15	23.10		
5	16QAM	1	24	23.07	23.12	23.02		
5	16QAM	12	0	21.92	22.09	21.98	23.5	2
5	16QAM	12	7	21.90	21.95	21.85		
5	16QAM	12	13	21.95	22.02	21.94		
5	16QAM	25	0	21.94	22.00	21.94	23.5	2
5	64QAM	1	0	21.70	21.85	21.79		
5	64QAM	1	12	21.63	21.69	21.68	22.5	3
5	64QAM	1	24	21.63	21.77	21.72		
5	64QAM	12	0	20.91	21.02	20.90		
5	64QAM	12	7	20.77	20.84	20.72		
5	64QAM	12	13	20.83	20.92	20.89		
5	64QAM	25	0	20.85	21.02	20.90		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.16	24.16	25.5	0
3	QPSK	1	8	24.07	24.13	24.06		
3	QPSK	1	14	23.89	23.98	23.98		
3	QPSK	8	0	23.02	23.01	23.04	24.5	1
3	QPSK	8	4	22.84	22.95	22.95		
3	QPSK	8	7	22.98	23.01	22.96		
3	QPSK	15	0	22.88	22.94	22.83	24.5	1
3	16QAM	1	0	23.22	23.25	23.13		
3	16QAM	1	8	23.09	23.11	23.13	23.5	2
3	16QAM	1	14	23.07	23.14	23.03		
3	16QAM	8	0	21.94	22.04	22.04	22.5	3
3	16QAM	8	4	21.80	21.91	21.76		
3	16QAM	8	7	22.01	22.02	21.93		
3	16QAM	15	0	21.97	22.09	21.92		
3	64QAM	1	0	21.78	21.83	21.68	23.5	2
3	64QAM	1	8	21.61	21.78	21.61		
3	64QAM	1	14	21.68	21.77	21.69		
3	64QAM	8	0	20.97	21.03	20.95	22.5	3
3	64QAM	8	4	20.84	20.92	20.70		
3	64QAM	8	7	20.93	20.96	20.79		
3	64QAM	15	0	20.87	20.91	20.94		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.15	24.27	24.10	25.5	0
1.4	QPSK	1	3	24.10	24.05	24.12		
1.4	QPSK	1	5	23.92	23.99	23.94		
1.4	QPSK	3	0	23.95	24.09	24.00	24.5	1
1.4	QPSK	3	1	23.86	24.02	23.85		
1.4	QPSK	3	3	23.94	23.97	23.89		
1.4	QPSK	6	0	22.89	22.95	22.85	23.5	2
1.4	16QAM	1	0	23.14	23.28	23.19		
1.4	16QAM	1	3	22.99	23.15	23.02	24.5	1
1.4	16QAM	1	5	23.07	23.12	23.07		
1.4	16QAM	3	0	23.21	23.00	23.05	23.5	2
1.4	16QAM	3	1	22.91	22.95	22.81		
1.4	16QAM	3	3	22.92	23.06	22.99		
1.4	16QAM	6	0	21.86	22.02	21.92	22.5	3
1.4	64QAM	1	0	21.71	21.78	21.79		
1.4	64QAM	1	3	21.66	21.73	21.58		
1.4	64QAM	1	5	21.67	21.72	21.74	23.5	2
1.4	64QAM	3	0	21.94	22.06	21.93		
1.4	64QAM	3	1	21.84	21.85	21.79		
1.4	64QAM	3	3	21.89	21.92	21.87	22.5	3
1.4	64QAM	6	0	20.84	20.96	20.90		

Band 7 Ant1 DS14								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				17.9	18.3	18.7		
20	QPSK	1	0	17.95	18.10	18.03	19	0
20	QPSK	1	49	17.86	18.01	17.90		
20	QPSK	1	99	17.77	17.93	17.96		
20	QPSK	50	0	17.72	17.99	17.81	19	0
20	QPSK	50	24	17.77	17.93	17.88		
20	QPSK	50	50	17.80	17.94	17.87		
20	QPSK	100	0	17.86	17.96	17.86		
20	16QAM	1	0	17.88	17.87	17.82	19	0
20	16QAM	1	49	17.76	18.00	17.95		
20	16QAM	1	99	17.83	17.93	17.93		
20	16QAM	50	0	17.88	18.03	17.88	19	0
20	16QAM	50	24	17.72	17.90	17.96		
20	16QAM	50	50	17.84	18.01	17.79		
20	16QAM	100	0	17.73	17.91	17.83		
20	64QAM	1	0	17.72	17.87	17.89	19	0
20	64QAM	1	49	17.73	17.88	17.79		
20	64QAM	1	99	17.79	17.86	17.81		
20	64QAM	50	0	17.76	17.90	17.89	19	0
20	64QAM	50	24	17.79	17.99	17.81		
20	64QAM	50	50	17.88	18.03	17.96		
20	64QAM	100	0	17.74	17.95	17.83		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.84	18.00	17.83	19	0
15	QPSK	1	37	17.86	18.03	17.80		
15	QPSK	1	74	17.85	18.00	17.92		
15	QPSK	36	0	17.85	18.01	17.97	19	0
15	QPSK	36	20	17.81	18.03	17.85		
15	QPSK	36	39	17.83	17.86	17.95		
15	QPSK	75	0	17.73	17.90	17.93	19	0
15	16QAM	1	0	17.84	18.00	17.82		
15	16QAM	1	37	17.81	17.91	17.90		
15	16QAM	1	74	17.88	18.00	17.79	19	0
15	16QAM	36	0	17.80	18.00	17.83		
15	16QAM	36	20	17.85	17.94	17.97		
15	16QAM	36	39	17.82	17.99	17.87	19	0
15	16QAM	75	0	17.76	17.89	17.90		
15	64QAM	1	0	17.86	18.00	17.90	19	0
15	64QAM	1	37	17.87	17.89	17.96		
15	64QAM	1	74	17.72	17.96	17.80		
15	64QAM	36	0	17.83	17.94	17.83	19	0
15	64QAM	36	20	17.80	17.87	17.95		
15	64QAM	36	39	17.73	17.82	17.84		
15	64QAM	75	0	17.73	17.94	17.87		
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2567.5		
10	QPSK	1	0	17.83	17.94	17.82	19	0
10	QPSK	1	25	17.72	18.03	17.83		
10	QPSK	1	49	17.84	17.97	17.82		
10	QPSK	25	0	17.86	17.89	17.84	19	0
10	QPSK	25	12	17.85	17.92	17.79		
10	QPSK	25	25	17.82	17.98	17.96		
10	QPSK							



Band 38 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.87	19.00	18.92	20	0
20	QPSK	1	49	18.71	18.91	18.71		
20	QPSK	1	99	18.72	18.76	18.72		
20	QPSK	50	0	18.74	18.85	18.79		
20	QPSK	50	24	18.80	18.83	18.76	20	0
20	QPSK	50	50	18.71	18.75	18.80		
20	QPSK	100	0	18.70	18.74	18.73		
20	16QAM	1	0	18.79	18.82	18.79		
20	16QAM	1	49	18.78	18.88	18.81	20	0
20	16QAM	1	99	18.69	18.80	18.74		
20	16QAM	50	0	18.78	18.79	18.75		
20	16QAM	50	24	18.75	18.92	18.81		
20	16QAM	50	50	18.69	18.82	18.69	20	0
20	16QAM	100	0	18.81	18.88	18.72		
20	84QAM	1	0	18.64	18.89	18.80		
20	84QAM	1	49	18.69	18.87	18.71		
20	84QAM	1	99	18.64	18.81	18.78	20	0
20	84QAM	50	0	18.69	18.76	18.79		
20	84QAM	50	24	18.79	18.90	18.82		
20	84QAM	50	50	18.79	18.80	18.80		
20	84QAM	100	0	18.77	18.78	18.78		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.79	18.84	18.72	20	0
15	QPSK	1	37	18.80	18.82	18.69		
15	QPSK	1	74	18.67	18.84	18.82		
15	QPSK	36	0	18.75	18.91	18.72		
15	QPSK	36	20	18.66	18.86	18.75	20	0
15	QPSK	36	39	18.77	18.81	18.70		
15	QPSK	75	0	18.75	18.80	18.77		
15	16QAM	1	0	18.66	18.83	18.68		
15	16QAM	1	37	18.73	18.82	18.71	20	0
15	16QAM	1	74	18.76	18.89	18.80		
15	16QAM	36	0	18.73	18.83	18.77		
15	16QAM	36	20	18.70	18.88	18.78		
15	16QAM	36	39	18.74	18.86	18.82	20	0
15	16QAM	75	0	18.74	18.80	18.81		
15	84QAM	1	0	18.65	18.93	18.85		
15	84QAM	1	37	18.74	18.90	18.81		
15	84QAM	1	74	18.80	18.83	18.82	20	0
15	84QAM	36	0	18.79	18.85	18.73		
15	84QAM	36	20	18.67	18.90	18.78		
15	84QAM	36	39	18.77	18.94	18.68		
15	84QAM	75	0	18.66	18.93	18.84		
Channel				37800	38000	38200		
Frequency (MHz)				2675	2695	2715		
10	QPSK	1	0	18.72	18.78	18.73	20	0
10	QPSK	1	25	18.68	18.79	18.84		
10	QPSK	1	49	18.80	18.92	18.68		
10	QPSK	25	0	18.79	18.91	18.79		
10	QPSK	25	12	18.79	18.93	18.71	20	0
10	QPSK	25	25	18.74	18.86	18.73		
10	QPSK	50	0	18.69	18.85	18.77		
10	16QAM	1	0	18.74	18.84	18.79		
10	16QAM	1	25	18.65	18.87	18.85	20	0
10	16QAM	1	49	18.81	18.84	18.70		
10	16QAM	25	0	18.79	18.88	18.70		
10	16QAM	25	12	18.76	18.91	18.75		
10	16QAM	25	25	18.71	18.84	18.84	20	0
10	16QAM	50	0	18.78	18.79	18.79		
10	84QAM	1	0	18.72	18.82	18.68		
10	84QAM	1	25	18.63	18.76	18.74		
10	84QAM	1	49	18.74	18.77	18.79	20	0
10	84QAM	25	0	18.80	18.79	18.82		
10	84QAM	25	12	18.74	18.89	18.75		
10	84QAM	25	25	18.73	18.84	18.72		
10	84QAM	50	0	18.73	18.91	18.81		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.76	18.91	18.70	20	0
5	QPSK	1	12	18.81	18.86	18.69		
5	QPSK	1	24	18.69	18.79	18.69		
5	QPSK	12	0	18.68	18.92	18.71		
5	QPSK	12	7	18.63	18.94	18.81	20	0
5	QPSK	12	13	18.73	18.85	18.81		
5	QPSK	25	0	18.74	18.92	18.79		
5	16QAM	1	0	18.76	18.81	18.85		
5	16QAM	1	12	18.67	18.82	18.85	20	0
5	16QAM	1	24	18.65	18.94	18.77		
5	16QAM	12	0	18.78	18.94	18.77		
5	16QAM	12	7	18.80	18.83	18.84		
5	16QAM	12	13	18.69	18.79	18.79	20	0
5	16QAM	25	0	18.74	18.89	18.77		
5	84QAM	1	0	18.81	18.84	18.76		
5	84QAM	1	12	18.64	18.85	18.72		
5	84QAM	1	24	18.69	18.87	18.84	20	0
5	84QAM	12	0	18.72	18.90	18.80		
5	84QAM	12	7	18.64	18.93	18.82		
5	84QAM	12	13	18.66	18.91	18.74		
5	84QAM	25	0	18.74	18.90	18.71		

Band 41 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High 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	18.79	18.82	19.06	18.95	19.01	20	0
20	QPSK	1	49	18.59	18.59	18.85	18.86	18.93		
20	QPSK	1	99	18.69	18.62	18.83	18.85	18.84		
20	QPSK	50	0	18.67	18.72	18.89	18.84	18.83		
20	QPSK	50	24	18.67	18.68	18.81	18.84	18.85	20	0
20	QPSK	50	50	18.60	18.70	18.88	18.75	18.78		
20	QPSK	100	0	18.66	18.63	18.76	18.71	18.61		
20	16QAM	1	0	18.61	18.60	18.96	18.75	18.81		
20	16QAM	1	49	18.58	18.63	18.90	18.73	18.78	20	0
20	16QAM	1	99	18.71	18.63	18.88	18.71	18.89		
20	16QAM	50	0	18.71	18.70	18.99	18.77	18.81		
20	16QAM	50	24	18.71	18.66	18.95	18.83	18.84		
20	16QAM	50	50	18.73	18.73	19.00	18.73	18.92	20	0
20	16QAM	100	0	18.63	18.73	18.92	18.77	18.83		
20	84QAM	1	0	18.71	18.75	18.97	18.87	18.91		
20	84QAM	1	49	18.56	18.69	18.85	18.86	18.87		
20	84QAM	1	99	18.60	18.68	18.93	18.81	18.86	20	0
20	84QAM	50	0	18.65	18.69	18.87	18.73	18.81		
20	84QAM	50	24	18.70	18.64	18.93	18.88	18.85		
20	84QAM	50	50	18.59	18.73	18.82	18.88	18.90		
20	84QAM	100	0	18.72	18.72	18.85	18.88	18.90		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.63	18.69	18.90	18.84	18.95	20	0
15	QPSK	1	37	18.60	18.71	18.93	18.77	18.95		
15	QPSK	1	74	18.61	18.62	18.86	18.83	18.80		
15	QPSK	36	0	18.67	18.69	18.84	18.74	18.95		
15	QPSK	36	20	18.68	18.58	18.82	18.88	18.89	20	0
15	QPSK	36	39	18.64	18.69	18.86	18.87	18.84		
15	QPSK	75	0	18.61	18.68	18.86	18.72	18.85		
15	16QAM	1	0	18.63	18.73	18.99	18.73	18.83		
15	16QAM	1	37	18.64	18.68	18.97	18.86	18.94	20	0
15	16QAM	1	74	18.72	18.65	18.92	18.83	18.84		
15	16QAM	36	0	18.59	18.74	18.91	18.82	18.89		
15	16QAM	36	20	18.65	18.69	18.88	18.82	18.91		
15	16QAM	36	39	18.59	18.75	18.97	18.81	18.86	20	0
15	16QAM	75	0	18.62	18.60	18.82	18.84	18.94		
15	84QAM	1	0	18.65	18.67	18.91	18.75	18.84		
15	84QAM	1	37	18.60	18.66	18.98	18.76	18.81		
15	84QAM	1	74	18.62	18.66	18.83	18.75	18.92	20	0
15	84QAM	36	0	18.72	18.72	18.91	18.85	18.94		
15	84QAM	36	20	18.59	18.68	18.95	18.74	18.81		
15	84QAM	36	39	18.59	18.60	18.87	18.80	18.79		
15	84QAM	75	0	18.61	18.73	18.95	18.76	18.77		
Channel				39700	40160	40620	41090	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.56	18.61	18.87	18.77	18.83	20.00	0
10	QPSK	1	25	18.59	18.67</					



Uplink CA Power

Ant 0 Full&DSI1

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

Ant 0 Full&DSI1&2

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

Ant 1 Full&DSI2

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

Ant 1 Full&DSI2

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



Ant 0 DSI2

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

Ant 0 DSI4

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

Ant 1 DSI1

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

Ant 1 DSI4

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

Ant 0 DSI4

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

Ant 1 DSI1

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

Ant 1 DSI4

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



2CA DL

CA List	PCC								SCC				Power		
	LTE	BW	BW	UL	UL	UL#	UL	DL Antenna	LTE	BW	DL	DL	DL Antenna	With CA	Without CA
	Band	Ant	Ant	Freq. (MHz)	Channel	Mod.	RB	Offset	Band	Ant	Freq. (MHz)	Channel	Configuration	Tx. Power (dBm)	Tx. Power (dBm)
CA_SA-7A	Band 5	Ant0	10M	836.5	2025	QPSK	1	0	Band 7	20M	2655	3100		24.14	24.32
	Band 5	Ant1	10M	836.5	2025	QPSK	1	0	Band 7	20M	2655	3100		24.18	24.31
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525		23.63	23.72
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525		23.87	23.99
CA_SA-41A	Band 5	Ant0	10M	836.5	2025	QPSK	1	0	Band 41	20M	2593	40620		24.22	24.32
	Band 5	Ant1	10M	836.5	2025	QPSK	1	0	Band 41	20M	2593	40620		24.22	24.31
CA_7C	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	20M	2554.8	3298		23.60	23.72
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	20M	2554.8	3298		23.90	23.99
CA_7A-7A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425		23.54	23.72
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425		23.86	23.99
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048		24.05	24.23
	Band 38	Ant1	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048		24.31	24.41
CA_41C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40518		24.22	24.29
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40518		24.29	24.46
CA_41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565		24.19	24.29
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565		24.33	24.46



WLAN/Bluetooth Power

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

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

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

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

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

**BT BR/EDR**

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

BLE_1M

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