

Full Power Mode

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		126	189	251	Limit		126	189	251	Limit	
Frequency (MHz)		844.8	846.4	848.8	(dBm)		844.8	846.4	848.8	(dBm)	
GSM 1 Tx slot		32.81	32.94	32.86	33.00		23.81	23.94	23.86	24.50	
GPRS 1 Tx slots		32.82	32.95	32.88	33.00		23.82	23.95	23.88	24.50	
GPRS 2 Tx slots		32.03	32.17	32.11	32.00		26.03	26.17	26.11	26.50	
GPRS 3 Tx slots		30.27	30.38	30.32	31.00		26.01	26.12	26.06	26.74	
GPRS 4 Tx slots		29.10	29.25	29.23	30.00		26.10	26.25	26.23	27.00	
EDGE 1 Tx slot		27.10	27.03	26.95	28.00		18.10	18.03	17.95	19.00	
EDGE 2 Tx slot		25.94	25.89	26.04	26.00		19.94	19.89	20.04	20.50	
EDGE 3 Tx slots		23.67	23.60	23.66	24.00		19.71	19.54	19.62	20.34	
EDGE 4 Tx slots		22.71	22.68	22.82	23.00		19.71	19.68	19.62	20.00	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1850.2	1860	1909.8	(dBm)		1850.2	1860	1909.8	(dBm)	
GSM 1 Tx slot		20.30	29.64	29.64	30.00		21.30	20.64	20.64	21.50	
GPRS 1 Tx slot		20.32	29.65	29.66	30.00		21.32	20.65	20.66	21.50	
GPRS 2 Tx slots		29.57	28.91	28.92	30.00		23.57	22.91	22.92	24.00	
GPRS 3 Tx slots		27.79	27.11	27.13	28.00		23.53	22.85	22.87	23.74	
GPRS 4 Tx slots		26.71	26.06	26.12	27.00		23.71	23.06	23.12	24.00	
EDGE 1 Tx slot		26.47	26.41	26.43	26.00		17.47	17.41	17.43	17.50	
EDGE 2 Tx slots		25.47	25.12	25.21	25.00		19.47	19.12	19.21	19.50	
EDGE 3 Tx slots		23.13	22.74	22.79	24.00		18.67	18.48	18.53	19.74	
EDGE 4 Tx slots		21.57	21.34	21.37	23.00		18.57	18.34	18.37	20.00	

Band		WCDMA II_Ant 0			Tune-up		WCDMA V_Ant 0			Tune-up	
TX Channel		9262	9400	9538	Limit		4132	4162	4233	Limit	
Rx Channel		9662	9800	9938	(dBm)		4357	4407	4458	(dBm)	
Frequency (MHz)		1852.4	1860	1907.6	(dBm)		826.4	836.4	846.6	(dBm)	
3GPP Rel 99 AMR 12.2Kbps		22.53	22.47	22.67	24.00		22.44	22.47	22.46	24.00	
3GPP Rel 99 TMC 12.2Kbps		22.51	22.46	22.58	24.00		22.42	22.45	22.48	24.00	
3GPP Rel 6 HSDPA Subtest-1		21.46	21.36	21.37	23.00		21.45	21.49	21.48	23.00	
3GPP Rel 6 HSOPA Subtest-2		21.38	21.27	21.28	23.00		21.37	21.41	21.36	23.00	
3GPP Rel 6 HSDPA Subtest-3		20.89	20.73	20.78	22.50		20.94	20.94	20.87	22.80	
3GPP Rel 6 HSOPA Subtest-4		20.87	20.78	20.79	22.50		20.87	20.92	20.85	22.80	
3GPP Rel 6 DCHSDPA Subtest-1		21.43	21.24	21.37	23.00		21.38	21.42	21.40	23.00	
3GPP Rel 6 DCHSDPA Subtest-2		21.30	21.24	21.23	23.00		21.31	21.40	21.28	23.00	
3GPP Rel 6 DCHSDPA Subtest-3		20.79	20.65	20.73	22.50		20.86	20.89	20.79	22.80	
3GPP Rel 6 DCHSDPA Subtest-4		20.76	20.72	20.74	22.50		20.63	20.90	20.78	22.80	
3GPP Rel 6 HSUPA Subtest-1		19.54	19.45	19.46	21.00		19.44	19.47	19.51	21.00	
3GPP Rel 6 HSUPA Subtest-2		19.48	19.43	19.45	21.00		19.42	19.42	19.48	21.00	
3GPP Rel 6 HSUPA Subtest-3		20.46	20.35	20.28	21.00		20.43	20.49	20.46	21.00	
3GPP Rel 6 HSUPA Subtest-4		19.03	19.01	19.00	20.50		19.88	19.94	19.97	20.50	
3GPP Rel 6 HSUPA Subtest-5		20.40	20.30	20.40	21.00		20.40	20.40	20.40	21.00	
3GPP Rel 7 HSPA+ (eGSM) Subtest-1		19.64	19.26	19.38	21.00		19.41	19.33	19.40	21.00	

Band 2_Ant 0														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.25	22.19	22.25	24	0						
20	QPSK	1	49	22.35	22.57	22.45								
20	QPSK	1	99	22.04	22.07	22.08								
20	QPSK	50	0	21.32	21.52	21.43								
20	QPSK	50	24	21.64	21.47	21.48	23	1						
20	QPSK	50	50	21.39	21.28	21.19								
20	QPSK	100	0	21.31	21.52	21.48								
20	16QAM	1	0	21.99	21.88	21.81								
20	16QAM	1	49	21.61	21.72	21.48	23	1						
20	16QAM	1	99	21.44	21.66	21.45								
20	16QAM	50	24	20.44	20.32	20.52								
20	16QAM	50	50	20.44	20.39	20.36								
20	16QAM	50	50	20.52	20.34	20.36	22	2						
20	16QAM	100	0	20.51	20.31	20.42								
20	64QAM	1	0	20.74	20.67	20.57								
20	64QAM	1	49	20.89	20.52	20.93								
20	64QAM	1	99	20.45	20.55	20.52	22	2						
20	64QAM	50	0	19.81	19.40	19.46								
20	64QAM	50	24	19.44	19.45	19.44								
20	64QAM	50	50	19.45	19.37	19.29								
20	64QAM	100	0	19.40	19.39	19.50	21	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.22	22.09	22.19	24	0						
15	QPSK	1	49	22.17	22.38	22.28								
15	QPSK	1	74	22.03	22.06	22.05								
15	QPSK	36	0	21.22	21.48	21.35								
15	QPSK	36	20	21.33	21.40	21.37	23	1						
15	QPSK	36	39	21.32	21.17	21.08								
15	QPSK	75	0	21.29	21.40	21.42								
15	16QAM	1	0	21.88	21.77	21.80								
15	16QAM	1	37	21.49	21.61	21.46	23	1						
15	16QAM	1	74	21.37	21.56	21.34								
15	16QAM	36	0	20.40	20.20	20.43								
15	16QAM	36	20	20.38	20.33	20.31								
15	16QAM	36	39	20.43	20.29	20.25	22	2						
15	16QAM	75	0	20.50	20.20	20.30								
15	64QAM	1	0	20.68	20.55	20.55								
15	64QAM	1	37	20.86	20.42	20.83								
15	64QAM	1	74	20.40	20.49	20.49	22	2						
15	64QAM	36	0	19.50	19.28	19.39								
15	64QAM	36	20	19.37	19.33	19.40								
15	64QAM	36	39	19.35	19.25	19.26								
15	64QAM	75	0	19.29	19.38	19.45	21	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.17	22.10	22.19	24	0						
10	QPSK	1	25	22.23	22.55	22.37								
10	QPSK	1	49	22.01	22.06	22.03								
10	QPSK	25	0	21.24	21.44	21.40								
10	QPSK	25	12	21.39	21.41	21.38	23	1						
10	QPSK	25	25	21.27	21.17	21.09								
10	QPSK	50	0	21.27	21.40	21.45								
10	16QAM	1	0	21.96	21.79	21.72								
10	16QAM	1	25	21.53	21.69	21.46	23	1						
10	16QAM	1	49	21.36	21.59	21.35								
10	16QAM	25	0	20.35	20.28	20.45								
10	16QAM	25	12	20.42	20.35	20.29								
10	16QAM	25	25	20.41	20.33	20.28	22	2						
10	16QAM	50	0	20.48	20.26	20.40								
10	64QAM	1	0	20.64	20.60	20.65								
10	64QAM	1	25	20.83	20.47	20.86								
10	64QAM	1	49	20.43	20.54	20.51	22	2						
10	64QAM	25	0	19.47	19.29	19.38								
10	64QAM	25	12	19.42	19.35	19.35								
10	64QAM	25	25	19.40	19.36	19.18								
10	64QAM	50	0	19.34	19.36	19.42	21	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.21	22.09	22.16	24	0						
5	QPSK	1	12	22.32	22.52	22.44								
5	QPSK	1	24	22.01	22.04	22.00								
5	QPSK	12	0	21.22	21.47	21.39								
5	QPSK	12	7	21.37	21.42	21.37	23	1						
5	QPSK	12	13	21.33	21.16	21.07								
5	QPSK	25	0	21.26	21.43	21.38								
5	16QAM	1	0	21.86	21.76	21.80								
5	16QAM	1	12	21.49	21.62	21.47	23	1						
5	16QAM	1	24	21.35	21.64	21.38								
5	16QAM	12	0	20.42	20.20	20.45								
5	16QAM	12	7	20.43	20.34	20.29								
5	16QAM	12	13	20.45	20.32	20.30	22	2						
5	16QAM	25	0	20.46	20.30	20.41								
5	64QAM	1	0	20.67	20.58	20.68								
5	64QAM	1	12	20.85	20.46	20.81								
5	64QAM	1	24	20.43	20.46	20.46	22	2						
5	64QAM	12	0	19.46	19.29	19.37								
5	64QAM	12	7	19.39	19.35	19.42								
5	64QAM	12	13	19.42	19.34	19.16								
5	64QAM	25	0	19.34	19.35	19.40	21	3						
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.22	22.08	22.23	24	0						
3	QPSK	1	8	22.28	22.51	22.41								
3	QPSK	1	14	22.02	22.05	22.03								
3	QPSK	8	0	21.28	21.46	21.39								
3	QPSK	8	4	21.30	21.36	21.44	23	1						
3	QPSK	8	7	21.32	21.19	21.14								
3	QPSK	15	0	21.27	21.40	21.36								
3	16QAM	1	0	21.98	21.82	21.69								
3	16QAM	1	8	21.53	21.70	21.47	23	1						
3	16QAM	1	14	21.33	21.56	21.37								
3	16QAM	8	0	20.42	20.24	20.44								
3	16QAM	8	4	20.40	20.26	20.28								
3	16QAM	8	7	20.50	20.30	20.33	22	2						
3	16QAM	15	0	20.40	20.30	20.31								
3	64QAM	1	0	20.66	20.63	20.51								
3	64QAM	1	8	20.85	20.48	20.81								
3	64QAM	1	14	20.43	20.44	20.49	22	2						
3	64QAM	8	0	19.40	19.32	19.40								
3	64QAM	8	4	19.33	19.37	19.40								
3	64QAM	8	7	19.35	19.33	19.26								
3	64QAM	15	0	19.36	19.37	19.47	21	3						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.24	22.13	22.15	24	0						
1.4	QPSK	1	3	22.32	22.47	22.33								
1.4	QPSK	1	5	22.01	22.08	22.00								
1.4	QPSK	3	0	22.21	22.10	22.07								
1.4	QPSK	3	3	22.26	22.40	22.30	23	1						
1.4	QPSK	3	3	22.04	22.05	22.03								
1.4	QPSK	6	0	21.19	21.45	21.43								
1.4	16QAM	1	0	21.96	21.76	21.79								
1.4	16QAM	1	3	21.57	21.62	21.38	23	1						
1.4	16QAM	1	5	21.33	21.54	21.33								
1.4	16QAM	3	0	21.88	21.72	21.70								
1.4	16QAM	3	3	21.45	21.57	21.34								
1.4	16QAM	3	3	21.27	21.49	21.29	22	2						
1.4	16QAM	6	0	20.48	20.26	20.36								
1.4	64QAM	1	0	20.73	20.65	20.49								
1.4	64QAM	1	3	20.88	20.45	20.85								
1.4	64QAM	1	5	20.41	20.45	20.43	22	2						
1.4	64QAM	3	0	20.72	20.40	20.72								
1.4	64QAM	3	3	20.76	20.40	20.73								
1.4	64QAM	3	3	20.39	20.39	20.42								
1.4	64QAM	6	0	19.31	19.33	19.45	21	3						

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37650	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.26	22.18	22.18	24	0	
20	QPSK	1	49	22.58	22.61	22.58			
20	QPSK	1	99	22.22	22.32	22.23			
20	QPSK	50	0	21.46	21.48	21.37	23	1	
20	QPSK	50	24	21.42	21.44	21.47			
20	QPSK	50	50	21.39	21.31	21.40			
20	QPSK	100	0	21.39	21.43	21.27	23	1	
20	16QAM	1	0	21.30	21.28	21.22			
20	16QAM	1	49	21.68	21.72	21.69			
20	16QAM	1	99	21.33	21.35	21.34	22	2	
20	16QAM	50	0	20.57	20.56	20.50			
20	16QAM	50	24	20.60	20.54	20.53			
20	16QAM	50	50	20.51	20.48	20.47	22	2	
20	16QAM	100	0	20.47	20.47	20.50			
20	64QAM	1	0	20.02	20.00	20.00			
20	64QAM	1	49	20.43	20.50	20.42	22	2	
20	64QAM	1	99	20.04	20.11	20.01			
20	64QAM	50	0	19.62	19.54	19.54			
20	64QAM	50	24	19.59	19.59	19.59	21	3	
20	64QAM	50	50	19.51	19.51	19.47			
20	64QAM	100	0	19.48	19.52	19.45			
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.16	22.12	22.09	24	0	
15	QPSK	1	37	22.56	22.49	22.57			
15	QPSK	1	74	22.18	22.23	22.20			
15	QPSK	36	0	21.44	21.38	21.25	23	1	
15	QPSK	36	20	21.40	21.39	21.46			
15	QPSK	36	39	21.32	21.26	21.31			
15	QPSK	75	0	21.27	21.32	21.16	23	1	
15	16QAM	1	0	21.26	21.22	21.12			
15	16QAM	1	37	21.59	21.63	21.60			
15	16QAM	1	74	21.23	21.27	21.33	22	2	
15	16QAM	36	0	20.46	20.53	20.46			
15	16QAM	36	20	20.54	20.44	20.45			
15	16QAM	36	39	20.40	20.45	20.41	22	2	
15	16QAM	75	0	20.39	20.44	20.42			
15	64QAM	1	0	20.04	20.09	20.00			
15	64QAM	1	37	20.45	20.58	20.44	22	2	
15	64QAM	1	74	20.02	20.12	20.01			
15	64QAM	36	0	19.58	19.50	19.45			
15	64QAM	36	20	19.51	19.57	19.50	21	3	
15	64QAM	36	39	19.47	19.43	19.42			
15	64QAM	75	0	19.44	19.48	19.44			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.25	22.13	22.06	24	0	
10	QPSK	1	25	22.51	22.49	22.55			
10	QPSK	1	49	22.12	22.21	22.19			
10	QPSK	25	0	21.42	21.45	21.36	23	1	
10	QPSK	25	12	21.36	21.39	21.39			
10	QPSK	25	25	21.31	21.28	21.32			
10	QPSK	50	0	21.31	21.39	21.15	23	1	
10	16QAM	1	0	21.20	21.20	21.11			
10	16QAM	1	25	21.59	21.63	21.67			
10	16QAM	1	49	21.23	21.32	21.28	22	2	
10	16QAM	25	0	20.52	20.51	20.42			
10	16QAM	25	12	20.54	20.48	20.47			
10	16QAM	25	25	20.44	20.40	20.44	22	2	
10	16QAM	50	0	20.37	20.42	20.43			
10	64QAM	1	0	20.07	20.04	20.01			
10	64QAM	1	25	20.50	20.55	20.49	22	2	
10	64QAM	1	49	20.02	20.20	20.10			
10	64QAM	25	0	19.55	19.46	19.45			
10	64QAM	25	12	19.56	19.48	19.48	21	3	
10	64QAM	25	25	19.48	19.42	19.44			
10	64QAM	50	0	19.44	19.46	19.37			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2622.5	2635	2647.5			
5	QPSK	1	0	22.17	22.14	22.16	24	0	
5	QPSK	1	12	22.52	22.52	22.53			
5	QPSK	1	24	22.18	22.29	22.18			
5	QPSK	12	0	21.35	21.41	21.27	23	1	
5	QPSK	12	7	21.37	21.41	21.41			
5	QPSK	12	13	21.31	21.30	21.33			
5	QPSK	25	0	21.38	21.37	21.21	23	1	
5	16QAM	1	0	21.26	21.21	21.21			
5	16QAM	1	12	21.61	21.70	21.68			
5	16QAM	1	24	21.25	21.28	21.25	22	2	
5	16QAM	12	0	20.51	20.47	20.49			
5	16QAM	12	7	20.51	20.42	20.51			
5	16QAM	12	13	20.43	20.43	20.42	22	2	
5	16QAM	25	0	20.46	20.37	20.41			
5	64QAM	1	0	20.01	20.03	20.03			
5	64QAM	1	12	20.52	20.54	20.50	22	2	
5	64QAM	1	24	20.09	20.10	20.03			
5	64QAM	12	0	19.54	19.47	19.43			
5	64QAM	12	7	19.54	19.49	19.53	21	3	
5	64QAM	12	13	19.41	19.43	19.46			
5	64QAM	25	0	19.45	19.47	19.44			

Band 41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.22	23.80	23.06	22.47	24	0
20	QPSK	1	49	22.65	23.83	23.09	22.69		
20	QPSK	1	99	22.64	23.34	22.72	22.39		
20	QPSK	50	0	21.56	22.98	22.20	21.76	23	1
20	QPSK	50	24	21.55	22.96	22.12	21.74		
20	QPSK	50	50	21.52	22.74	21.99	21.54		
20	QPSK	100	0	21.60	22.89	22.09	21.88	23	1
20	16QAM	1	0	21.57	22.99	22.55	21.81		
20	16QAM	1	49	21.81	22.99	22.45	22.00		
20	16QAM	1	99	22.55	22.71	22.07	21.74	22	2
20	16QAM	50	0	20.40	21.97	21.24	20.79		
20	16QAM	50	24	20.57	21.91	21.20	20.77		
20	16QAM	50	50	20.54	21.78	21.04	20.58	22	2
20	16QAM	100	0	20.65	21.92	21.12	20.68		
20	64QAM	1	0	20.44	21.96	21.25	20.64		
20	64QAM	1	49	20.67	21.96	21.31	20.85	22	2
20	64QAM	1	99	21.38	21.57	20.85	20.60		
20	64QAM	50	0	19.39	20.96	20.24	19.77		
20	64QAM	50	24	19.59	20.96	20.16	19.71	21	3
20	64QAM	50	50	19.56	20.75	20.03	19.57		
20	64QAM	100	0	19.62	20.86	20.22	19.66		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	22.13	23.47	22.65	22.10	24	0
15	QPSK	1	37	22.31	23.47	22.75	22.39		
15	QPSK	1	74	22.99	23.11	22.36	22.11		
15	QPSK	36	0	21.26	22.59	21.70	21.31	23	1
15	QPSK	36	20	21.48	22.43	21.69	21.31		
15	QPSK	36	39	21.83	22.36	21.54	21.21		
15	QPSK	75	0	21.51	22.38	21.58	21.23	23	1
15	16QAM	1	0	21.46	22.62	21.78	21.28		
15	16QAM	1	37	21.75	22.85	21.86	21.49		
15	16QAM	1	74	22.45	22.19	21.58	21.20	22	2
15	16QAM	36	0	20.35	21.55	20.62	20.21		
15	16QAM	36	20	20.47	21.39	20.52	20.27		
15	16QAM	36	39	20.87	21.30	20.48	20.12	22	2
15	16QAM	75	0	20.59	21.49	20.73	20.29		
15	64QAM	1	0	20.32	21.31	20.44	20.05		
15	64QAM	1	37	20.54	21.38	20.67	20.24	22	2
15	64QAM	1	74	21.29	20.94	20.23	20.03		
15	64QAM	36	0	19.34	20.60	19.82	19.32		
15	64QAM	36	20	19.45	20.55	19.64	19.28	21	3
15	64QAM	36	39	19.81	20.31	19.47	19.11		
15	64QAM	75	0	19.51	20.53	19.74	19.19		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	22.17	23.48	22.65	22.26	24	0
10	QPSK	1	25	22.35	23.30	22.52	22.34		
10	QPSK	1	49	23.09	23.29	22.43	22.34		
10	QPSK	25	0	21.19	22.70	21.71	21.41	23	1
10	QPSK	25	12	21.44	22.48	21.64	21.42		
10	QPSK	25	25	21.86	22.46	21.55	21.28		
10	QPSK	50	0	21.46	22.45	21.62	21.37	23	1
10	16QAM	1	0	21.47	22.57	21.78	21.44		
10	16QAM	1	25	21.88	22.52	21.62	21.34		
10	16QAM	1	49	22.45	22.43	21.56	21.39	22	2
10	16QAM	25	0	20.29	21.80	20.67	20.44		
10	16QAM	25	12	20.44	21.53	20.70	20.48		
10	16QAM	25	25	20.81	21.44	20.57	20.30	22	2
10	16QAM	50	0	20.55	21.52	20.75	20.37		
10	16QAM	1	0	20.29	21.30	20.44	20.09		
10	64QAM	1	25	20.51	21.18	20.43	20.07	22	2
10	64QAM	1	49	21.29	21.08	20.39	20.05		
10	64QAM	25	0	19.25	20.61	19.75	19.49		
10	64QAM	25	12	19.46	20.57	19.76	19.44	21	3
10	64QAM	25	25	19.88	20.51	19.67	19.36		
10	64QAM	50	0	19.55	20.61	19.75	19.35		
Channel				40055	40355	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	22.12	23.22	22.48	22.25	24	0
5	QPSK	1	12	22.37	23.61	22.74	22.44		
5	QPSK	1	24	23.02	23.10	22.36	22.17		
5	QPSK	12	0	21.23	22.50	21.56	21.47	23	1
5	QPSK	12	7	21.43	22.62	21.59	21.43		
5	QPSK	12	13	21.81	22.49	21.53	21.32		
5	QPSK	25	0	21.48	22.47	21.56	21.44	23	1
5	16QAM	1	0	21.45	22.49	21.63	21.37		
5	16QAM	1	12	21.87	22.71	21.83	21.50		
5	16QAM	1	24	22.40	22.32	21.55	21.34	22	2
5	16QAM	12	0	20.28	21.45	20.56	20.26		
5	16QAM	12	7	20.44	21.50	20.60	20.38		
5	16QAM	12	13	20.85	21.41	20.49	20.32	22	2
5	16QAM	25	0	20.51	21.48	20.52	20.44		
5	64QAM	1	0	20.34	21.16	20.34	20.12		
5	64QAM	1	12	20.59	21.45	20.64	20.40	22	2
5	64QAM	1	24	21.32	21.12	20.19	20.03		
5	64QAM	12	0	19.34	20.47	19.57	19.45		
5	64QAM	12	7	19.50	20.53	19.74	19.41	21	3
5	64QAM	12	13	19.82	20.40	19.51	19.35		
5	64QAM	25	0	19.49	20.51	19.71	19.39		

Reduced Power Mode for Sensor on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	128	169	251		128	169	251	
TX Channel	128.2	169.4	251.8		128.2	169.4	251.8	
Frequency (MHz)	31.55	31.68	31.82	32.50	32.55	32.68	32.82	33.50
GSM 1 Tx slot	31.65	31.78	31.97	32.50	22.65	22.78	22.97	23.50
GPRS 1 Tx slot	30.99	31.12	31.13	31.50	24.99	25.12	25.13	25.50
GPRS 2 Tx slots	29.01	29.33	29.17	30.00	24.75	25.07	24.91	25.74
GPRS 3 Tx slots	28.29	28.38	28.35	28.00	25.29	25.39	25.35	25.00
GPRS 4 Tx slots	26.06	25.90	25.96	27.00	17.06	16.90	16.96	18.00
EDGE 1 Tx slot	24.75	24.64	25.04	25.00	18.75	18.64	19.04	19.50
EDGE 2 Tx slots	22.85	22.76	22.68	23.50	18.67	18.50	18.42	19.24
EDGE 3 Tx slots	21.75	21.66	21.58	22.00	18.75	18.66	18.58	19.00
EDGE 4 Tx slots								

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	25.57	25.13	25.08	26.00	18.57	16.13	16.08	17.00
GSM 1 Tx slot	25.47	25.07	25.01	26.00	16.47	16.07	16.01	17.00
GPRS 1 Tx slot	25.07	24.37	24.31	25.50	19.07	18.37	18.31	19.50
GPRS 2 Tx slots	23.37	22.65	22.67	23.50	19.11	18.39	18.41	19.24
GPRS 3 Tx slots	22.40	21.77	21.93	22.50	18.40	18.77	18.93	19.50
GPRS 4 Tx slots	21.86	21.70	21.71	22.00	12.86	12.70	12.71	13.00
EDGE 1 Tx slot	20.86	20.61	20.69	21.00	14.86	14.61	14.69	15.00
EDGE 2 Tx slots	18.60	18.02	18.03	19.50	14.34	13.76	13.77	15.24
EDGE 3 Tx slots	16.82	16.82	16.61	18.50	13.92	13.82	13.61	15.50
EDGE 4 Tx slots								

Band	WCDMA II_Ant 0			Tune-up Limit	WCDMA V_Ant 0			Tune-up Limit
	5262	9400	9638		4132	4182	4233	
TX Channel	9662	9600	9638		4357	4407	4458	
Frequency (MHz)	1852.2	1880	1897.2		324.2	324.2	324.8	
3GPP Rel 99	14.83	14.80	14.91	16.50	21.32	21.50	21.43	23.00
3GPP Rel 99	14.82	14.91	14.95	16.50	21.32	21.51	21.45	23.00
3GPP Rel 6	14.04	13.91	13.78	15.90	20.46	20.59	20.65	22.00
3GPP Rel 6	13.78	13.65	13.79	15.90	20.58	20.53	20.48	22.00
3GPP Rel 6	13.26	13.08	13.09	15.00	20.00	20.10	20.09	21.50
3GPP Rel 6	13.28	13.35	13.33	15.00	20.02	20.14	19.87	21.50
3GPP Rel 6	13.84	13.52	13.91	15.90	20.60	20.70	20.61	22.00
3GPP Rel 6	13.74	13.76	13.67	15.50	20.49	20.57	20.54	22.00
3GPP Rel 6	13.21	12.97	13.09	15.00	19.85	19.86	19.77	21.50
3GPP Rel 6	13.39	12.97	13.00	15.00	20.07	19.84	20.01	21.50
3GPP Rel 6	11.83	12.06	11.87	13.50	18.71	18.68	18.50	20.00
3GPP Rel 6	11.71	11.91	11.95	13.50	18.65	18.65	18.75	20.00
3GPP Rel 6	13.02	12.55	12.60	14.00	19.67	19.89	19.64	20.50
3GPP Rel 6	11.54	11.32	11.28	13.00	18.21	17.93	18.07	19.50
3GPP Rel 6	12.79	12.80	12.85	14.00	19.33	19.44	19.53	20.00
3GPP Rel 7	11.67	11.73	11.66	13.50	18.45	18.39	18.33	20.00

Band 2_Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	15.13	15.17	15.00			17	0		
20	QPSK	1	49	15.23	15.35	15.31						
20	QPSK	1	99	15.01	15.06	15.04						
20	QPSK	50	0	14.27	14.33	14.22			16	1		
20	QPSK	50	24	14.27	14.16	14.20						
20	QPSK	50	50	14.25	14.08	14.02						
20	QPSK	100	0	14.14	14.25	14.11			16	1		
20	16QAM	1	0	14.32	14.73	14.61						
20	16QAM	1	49	14.50	14.78	14.54						
20	16QAM	1	99	14.28	14.44	14.65			15	2		
20	16QAM	50	0	13.37	13.16	13.31						
20	16QAM	50	24	13.16	13.10	13.29						
20	16QAM	50	50	13.31	13.20	13.21			14	3		
20	16QAM	100	0	13.31	13.23	13.35						
20	64QAM	1	0	13.34	13.57	13.29						
20	64QAM	1	49	13.67	13.70	13.71			15	2		
20	64QAM	1	99	13.34	13.30	13.22						
20	64QAM	50	0	12.41	12.27	12.37						
20	64QAM	50	24	12.32	12.42	12.35			14	3		
20	64QAM	50	50	12.19	12.25	12.20						
20	64QAM	100	0	12.27	12.37	12.33						
Channel												
Frequency (MHz)												
15	QPSK	1	0	15.07	15.00	15.05			17	0		
15	QPSK	1	0	15.09	15.30	15.03						
15	QPSK	1	37	15.24	15.33	15.28						
15	QPSK	1	74	15.03	15.02	15.04			16	1		
15	QPSK	36	0	14.35	14.58	14.50						
15	QPSK	36	20	14.21	14.40	14.43						
15	QPSK	36	39	14.12	14.33	14.15			16	1		
15	QPSK	75	0	14.23	14.53	14.55						
15	16QAM	1	0	14.84	14.47	14.85						
15	16QAM	1	37	14.83	14.47	14.58			16	1		
15	16QAM	1	74	14.22	14.70	14.43						
15	16QAM	36	0	13.28	13.15	13.36						
15	16QAM	36	20	13.52	13.32	13.18			15	2		
15	16QAM	36	39	13.35	13.42	13.21						
15	16QAM	75	0	13.61	13.23	13.21						
15	8QAM	1	0	13.57	13.38	13.52			15	2		
15	8QAM	1	37	13.67	13.44	13.72						
15	8QAM	1	74	13.26	13.40	13.51						
15	8QAM	36	0	12.34	12.38	12.55			14	3		
15	8QAM	36	20	12.22	12.43	12.55						
15	8QAM	36	39	12.53	12.22	12.16						
15	8QAM	75	0	12.48	12.21	12.25						
Channel												
Frequency (MHz)												
10	QPSK	1	0	15.17	15.07	15.32			17	0		
10	QPSK	1	25	15.28	15.24	15.29						
10	QPSK	1	49	15.09	15.20	15.22						
10	QPSK	25	0	14.28	14.31	14.22			16	1		
10	QPSK	25	12	14.35	14.26	14.26						
10	QPSK	25	25	14.26	14.34	14.08						
10	QPSK	50	0	14.23	14.38	14.53			16	1		
10	16QAM	1	0	14.88	14.74	14.67						
10	16QAM	1	25	14.71	14.73	14.37						
10	16QAM	1	49	14.48	14.64	14.43			15	2		
10	16QAM	25	0	13.51	13.40	13.41						
10	16QAM	25	12	13.40	13.27	13.14						
10	16QAM	25	25	13.25	13.38	13.17			15	2		
10	16QAM	50	0	13.44	13.05	13.40						
10	64QAM	1	0	13.66	13.57	13.62						
10	64QAM	1	25	13.75	13.31	13.83			15	2		
10	64QAM	1	49	13.49	13.31	13.33						
10	8QAM	25	0	12.95	12.36	12.37						
10	8QAM	25	12	12.42	12.40	12.41			14	3		
10	8QAM	25	25	12.17	12.34	12.33						
10	8QAM	50	0	12.43	12.10	12.43						
Channel												
Frequency (MHz)												
5	QPSK	1	0	15.00	15.06	15.20			17	0		
5	QPSK	1	12	15.18	15.26	15.31						
5	QPSK	1	24	15.02	15.17	15.03						
5	QPSK	12	0	14.32	14.43	14.49			16	1		
5	QPSK	12	7	14.49	14.42	14.33						
5	QPSK	12	13	14.35	14.36	14.17						
5	QPSK	25	0	14.02	14.58	14.25			16	1		
5	16QAM	1	0	14.86	14.67	14.68						
5	16QAM	1	12	14.40	14.61	14.28						
5	16QAM	1	24	14.45	14.56	14.33			16	1		
5	16QAM	12	0	13.21	13.36	13.61						
5	16QAM	12	7	13.47	13.12	13.46						
5	16QAM	12	13	13.47	13.07	13.12			15	2		
5	16QAM	25	0	13.27	13.40	13.42						
5	8QAM	1	0	13.52	13.50	13.52						
5	8QAM	1	12	13.79	13.51	13.70			15	2		
5	8QAM	1	24	13.35	13.57	13.47						
5	8QAM	12	0	12.31	12.16	12.56						
5	8QAM	12	7	12.45	12.31	12.31			14	3		
5	8QAM	12	13	12.31	12.30	12.31						
5	8QAM	25	0	12.41	12.19	12.25						
Channel												
Frequency (MHz)												
3	QPSK	1	0	15.09	15.30	15.05			17	0		
3	QPSK	1	8	15.15	15.19	15.26						
3	QPSK	1	14	15.06	15.00	15.07						
3	QPSK	8	0	14.37	14.51	14.20			16	1		
3	QPSK	8	4	14.38	14.40	14.28						
3	QPSK	8	7	14.31	14.19	14.13						
3	QPSK	15	0	14.34	14.31	14.37			16	1		
3	16QAM	1	0	14.95	14.80	14.63						
3	16QAM	1	8	14.60	14.48	14.38						
3	16QAM	1	14	14.51	14.58	14.40			15	2		
3	16QAM	8	0	13.26	13.22	13.52						
3	16QAM	8	4	13.50	13.19	13.47						
3	16QAM	8	7	13.42	13.40	13.37			15	2		
3	16QAM	15	0	13.24	13.08	13.46						
3	64QAM	1	0	13.54	13.50	13.30						
3	64QAM	1	8	13.92	13.26	13.73			15	2		
3	64QAM	1	14	13.44	13.54	13.59						
3	64QAM	8	0	12.40	12.35	12.36						
3	64QAM	8	4	12.50	12.44	12.53			14	3		
3	64QAM	8	7	12.39	12.09	12.17						
3	64QAM	15	0	12.44	12.45	12.55						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	15.01	15.22	15.09			17	0		
1.4	QPSK	1	3	15.25	15.23	15.17						
1.4	QPSK	1	5	15.19	15.09	15.01						
1.4	QPSK	3	0	15.00	15.13	15.04			16	1		
1.4	QPSK	3	1	15.18	15.17	15.06						
1.4	QPSK	3	3	15.15	15.07	15.04						
1.4	QPSK	6	0	14.33	14.74	14.53			16	1		
1.4	16QAM	1	0	14.70	14.74	14.65						
1.4	16QAM	1	3	14.52	14.58	14.21						
1.4	16QAM	1	5	14.51	14.57	14.16			16	1		
1.4	16QAM	3	0	14.64	14.71	14.62						
1.4	16QAM	3	1	14.44	14.47	14.10						
1.4	16QAM	3	3	14.47	14.57	14.12			15	2		
1.4	64QAM	1	0	13.63	13.69	13.44						
1.4	64QAM	1	3	13.65	13.44	13.76						
1.4	64QAM	1	5	13.30	13.39	13.55			15	2		
1.4	64QAM	3	0	13.56	13.62	13.32						
1.4	64QAM	3	3	13.56	13.33	13.71						
1.4	64QAM	3	5	13.29	13.31	13.49			14	3		
1.4	64QAM	6	0	12.19	12.40	12.39						

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.47	19.37	19.42	21	0	
20	QPSK	1	49	19.74	19.76	19.68			
20	QPSK	1	99	19.47	19.49	19.49			
20	QPSK	50	0	18.71	18.72	18.66	20	1	
20	QPSK	50	24	18.71	18.65	18.67			
20	QPSK	50	50	18.64	18.63	18.61			
20	QPSK	100	0	18.61	18.62	18.56	20	1	
20	16QAM	1	0	18.68	18.63	18.74			
20	16QAM	1	49	19.15	19.13	19.09			
20	16QAM	1	99	18.94	18.91	18.84	19	2	
20	16QAM	50	0	17.78	17.72	17.73			
20	16QAM	50	24	17.83	17.81	17.76			
20	16QAM	50	50	17.74	17.71	17.66	19	2	
20	16QAM	100	0	17.70	17.69	17.70			
20	64QAM	1	0	17.71	17.62	17.57			
20	64QAM	1	49	17.93	17.91	17.90	19	2	
20	64QAM	1	99	17.66	17.70	17.66			
20	64QAM	50	0	16.81	16.76	16.76			
20	64QAM	50	24	16.85	16.82	16.77	18	3	
20	64QAM	50	50	16.77	16.77	16.67			
20	64QAM	100	0	16.74	16.72	16.70			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.43	19.26	19.41	21	0	
15	QPSK	1	37	19.65	19.62	19.54			
15	QPSK	1	74	19.35	19.39	19.43			
15	QPSK	36	0	18.56	18.70	18.54	20	1	
15	QPSK	36	20	18.70	18.53	18.58			
15	QPSK	36	39	18.58	18.55	18.55			
15	QPSK	75	0	18.51	18.48	18.43	20	1	
15	16QAM	1	0	18.82	18.72	18.65			
15	16QAM	1	37	19.00	19.07	18.94			
15	16QAM	1	74	18.79	18.83	18.77	19	2	
15	16QAM	36	0	17.68	17.69	17.63			
15	16QAM	36	20	17.80	17.70	17.64			
15	16QAM	36	39	17.61	17.59	17.64	19	2	
15	16QAM	75	0	17.67	17.58	17.62			
15	64QAM	1	0	17.57	17.58	17.44			
15	64QAM	1	37	17.87	17.80	17.80	19	2	
15	64QAM	1	74	17.52	17.58	17.63			
15	64QAM	36	0	16.99	16.65	16.68			
15	64QAM	36	20	16.80	16.67	16.73	18	3	
15	64QAM	36	39	16.65	16.63	16.57			
15	64QAM	75	0	16.59	16.68	16.62			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2615			
10	QPSK	1	0	19.17	19.24	19.17	21	0	
10	QPSK	1	25	19.60	19.65	19.55			
10	QPSK	1	49	19.32	19.48	19.44			
10	QPSK	25	0	18.65	18.65	18.56	20	1	
10	QPSK	25	12	18.65	18.63	18.63			
10	QPSK	25	25	18.55	18.54	18.58			
10	QPSK	50	0	18.55	18.53	18.45	20	1	
10	16QAM	1	0	18.80	18.81	18.67			
10	16QAM	1	25	19.03	19.01	18.98			
10	16QAM	1	49	18.91	18.77	18.76	19	2	
10	16QAM	25	0	17.65	17.57	17.63			
10	16QAM	25	12	17.82	17.78	17.63			
10	16QAM	25	25	17.61	17.61	17.51	19	2	
10	16QAM	50	0	17.65	17.62	17.55			
10	64QAM	1	0	17.61	17.49	17.52			
10	64QAM	1	25	17.78	17.85	17.82	19	2	
10	64QAM	1	49	17.62	17.68	17.51			
10	64QAM	25	0	16.71	16.63	16.71			
10	64QAM	25	12	16.73	16.67	16.75	18	3	
10	64QAM	25	25	16.69	16.63	16.60			
10	64QAM	50	0	16.73	16.65	16.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.46	19.22	19.41	21	0	
5	QPSK	1	12	19.59	19.63	19.56			
5	QPSK	1	24	19.42	19.45	19.47			
5	QPSK	12	0	18.67	18.69	18.51	20	1	
5	QPSK	12	7	18.63	18.54	18.53			
5	QPSK	12	13	18.49	18.45	18.56			
5	QPSK	25	0	18.60	18.61	18.42	20	1	
5	16QAM	1	0	18.79	18.75	18.61			
5	16QAM	1	12	19.06	18.99	18.94			
5	16QAM	1	24	18.82	18.81	18.79	19	2	
5	16QAM	12	0	17.72	17.70	17.72			
5	16QAM	12	7	17.81	17.70	17.72			
5	16QAM	12	13	17.63	17.65	17.58	19	2	
5	16QAM	25	0	17.68	17.56	17.60			
5	64QAM	1	0	17.64	17.49	17.46			
5	64QAM	1	12	17.84	17.79	17.89	19	2	
5	64QAM	1	24	17.60	17.67	17.57			
5	64QAM	12	0	16.80	16.74	16.69			
5	64QAM	12	7	16.84	16.70	16.68	18	3	
5	64QAM	12	13	16.64	16.74	16.60			
5	64QAM	25	0	16.68	16.62	16.55			

Band 41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.90	20.15	19.73		
20	QPSK	1	99	19.43	20.42	19.75	19.44		
20	QPSK	50	0	18.54	19.95	19.22	18.72	20	1
20	QPSK	50	24	18.52	19.94	19.16	18.70		
20	QPSK	50	50	18.51	19.71	19.00	18.56		
20	QPSK	100	0	18.63	19.64	19.10	18.64	20	1
20	16QAM	1	0	18.69	19.97	19.50	18.91		
20	16QAM	1	49	19.20	19.98	19.55	19.07		
20	16QAM	1	99	19.56	19.81	19.14	18.83	19	2
20	16QAM	50	0	17.39	18.91	18.27	17.80		
20	16QAM	50	24	17.62	19.00	18.23	17.75		
20	16QAM	50	50	18.00	18.82	18.06	17.60	19	2
20	16QAM	100	0	17.76	18.95	18.10	17.68		
20	64QAM	1	0	17.51	18.95	18.29	17.74		
20	64QAM	1	49	17.74	18.95	18.38	17.98	19	2
20	64QAM	1	99	18.44	18.65	17.94	17.61		
20	64QAM	50	0	16.39	17.98	17.27	16.78		
20	64QAM	50	24	16.60	17.91	17.19	16.73	18	3
20	64QAM	50	50	16.97	17.78	17.03	16.64		
20	64QAM	100	0	16.65	17.87	17.07	16.63		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	19.11	20.74	20.03	19.37	21	0
15	QPSK	1	37	19.50	20.74	20.00	19.59		
15	QPSK	1	74	19.35	20.32	19.68	19.38		
15	QPSK	36	0	18.41	19.90	19.09	18.60	20	1
15	QPSK	36	20	18.47	19.78	19.06	18.61		
15	QPSK	36	39	18.45	19.62	18.95	18.48		
15	QPSK	75	0	18.47	19.73	19.03	18.58	20	1
15	16QAM	1	0	18.53	19.82	19.44	18.76		
15	16QAM	1	37	18.83	19.91	19.48	18.96		
15	16QAM	1	74	19.44	19.67	19.08	18.78	19	2
15	16QAM	36	0	17.26	18.84	18.21	17.64		
15	16QAM	36	20	17.57	18.84	18.17	17.67		
15	16QAM	36	39	17.90	18.72	17.96	17.49	19	2
15	16QAM	75	0	17.65	18.89	17.97	17.57		
15	64QAM	1	0	17.42	18.61	18.23	17.62		
15	64QAM	1	37	17.66	18.83	18.25	17.89	19	2
15	64QAM	1	74	18.35	18.51	17.81	17.55		
15	64QAM	36	0	16.23	17.88	17.19	16.64		
15	64QAM	36	20	16.50	17.85	17.05	16.64	18	3
15	64QAM	36	39	16.84	17.70	16.98	16.52		
15	64QAM	75	0	16.55	17.75	17.01	16.51		
Channel				40090	40390	40690	41150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.20	20.72	19.93	19.40	21	0
10	QPSK	1	25	19.46	20.80	20.00	19.64		
10	QPSK	1	49	19.28	20.28	19.64	19.39		
10	QPSK	25	0	18.38	19.86	19.10	18.61	20	1
10	QPSK	25	12	18.47	19.84	19.10	18.60		
10	QPSK	25	25	18.41	19.64	18.93	18.51		
10	QPSK	50	0	18.48	19.69	19.00	18.59	20	1
10	16QAM	1	0	18.61	19.85	19.37	18.77		
10	16QAM	1	25	18.77	19.86	19.41	18.98		
10	16QAM	1	49	19.44	19.68	19.05	18.68	19	2
10	16QAM	25	0	17.27	18.76	18.19	17.64		
10	16QAM	25	12	17.48	18.88	18.13	17.63		
10	16QAM	25	25	17.65	18.76	17.92	17.46	19	2
10	16QAM	50	0	17.64	18.87	17.94	17.59		
10	64QAM	1	0	17.41	18.97	18.14	17.63		
10	64QAM	1	25	17.88	19.04	18.31	17.91	18	3
10	64QAM	1	49	18.34	18.50	17.82	17.55		
10	64QAM	25	0	16.30	17.93	17.19	16.71		
10	64QAM	25	12	16.49	17.82	17.07	16.63	18	3
10	64QAM	25	25	16.81	17.68	16.96	16.53		
10	64QAM	50	0	16.50	17.77	17.01	16.49		
Channel				40055	40355	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.11	20.82	20.03	19.36	21	0
5	QPSK	1	12	19.51	20.76	20.01	19.68		
5	QPSK	1	24	19.32	20.29	19.38	19.38		
5	QPSK	12	0	18.41	19.89	19.13	18.65	20	1
5	QPSK	12	7	18.36	19.88	19.08	18.63		
5	QPSK	12	13	18.44	19.58	18.87	18.44		
5	QPSK	25	0	18.51	19.68	19.00	18.56	20	1
5	16QAM	1	0	18.63	19.90	19.35	18.77		
5	16QAM	1	12	18.80	19.93	19.45	18.94		
5	16QAM	1	24	19.43	19.68	19.08	18.74	19	2
5	16QAM	12	0	17.27	18.86	18.14	17.65		
5	16QAM	12	7	17.48	18.94	18.13	17.68		
5	16QAM	12	13	17.68	18.73	17.96	17.44	19	2
5	16QAM	25	0	17.64	18.90	18.00	17.57		
5	64QAM	1	0	17.38	18.89	18.19	17.64		
5	64QAM	1	12	17.68	18.89	18.29	17.86	19	2
5	64QAM	1	24	18.28	18.57	17.87	17.49		
5	64QAM	12	0	16.25	17.89	17.19	16.71		
5	64QAM	12	7	16.45	17.81	17.09	16.68	18	3
5	64QAM	12	13	16.92	17.68	16.96	16.49		
5	64QAM	25	0	16.51	17.81	16.99	16.47		



Reduced Power Mode for Hotspot on

GSM900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	31.55	31.88	31.62	32.30	22.55	22.88	22.62	23.50
GSM 1 Tx slot	31.65	31.78	31.87	32.50	22.65	22.78	22.97	23.50
GPRS 1 Tx slot	30.99	31.12	31.13	31.80	24.99	25.12	25.13	25.50
GPRS 2 Tx slots	29.01	29.33	29.17	30.00	24.75	25.07	24.91	25.74
GPRS 3 Tx slots	28.29	28.39	28.35	29.00	25.29	25.39	25.35	26.00
GPRS 4 Tx slot	26.06	25.90	25.96	27.00	17.06	16.90	16.96	18.00
EDGE 1 Tx slot	24.75	24.64	25.04	25.50	18.75	18.64	19.04	19.50
EDGE 2 Tx slots	22.93	22.76	22.68	23.80	18.67	18.50	18.42	19.24
EDGE 3 Tx slots	21.75	21.66	21.58	22.90	18.75	18.66	18.58	19.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1659.2	1680	1699.4		1659.2	1680	1699.8	
Frequency (MHz)	24.67	24.00	24.21	25.00	15.67	15.00	15.21	16.00
GSM 1 Tx slot	24.60	24.07	24.22	25.00	15.60	15.07	15.22	16.00
GPRS 1 Tx slot	24.45	23.77	23.97	24.90	18.41	17.77	17.97	18.50
GPRS 2 Tx slots	22.45	21.76	21.97	22.80	18.19	17.50	17.71	18.24
GPRS 3 Tx slots	21.41	20.74	20.95	21.90	18.46	17.74	17.95	18.50
GPRS 4 Tx slots	20.88	20.81	20.95	21.00	11.88	11.81	11.85	12.00
EDGE 1 Tx slot	19.90	19.49	19.76	20.00	13.90	13.49	13.76	14.00
EDGE 2 Tx slots	17.55	17.16	17.41	18.80	13.29	12.83	13.15	14.24
EDGE 3 Tx slots	15.98	15.79	15.97	17.80	12.98	12.79	12.97	14.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4192	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.4		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.52	14.51	14.54	16.00	21.32	21.50	21.43	23.00
3GPP Rel 99	RMC 12.2Kbps	14.53	14.52	14.57	16.00	21.32	21.51	21.45	23.00
3GPP Rel 6	HSDPA Subtest-1	13.81	13.81	13.78	15.00	20.48	20.59	20.65	22.00
3GPP Rel 6	HSDPA Subtest-2	13.82	13.76	13.64	15.00	20.58	20.53	20.48	22.00
3GPP Rel 6	HSDPA Subtest-3	13.31	13.13	13.20	14.50	20.00	20.10	20.09	21.50
3GPP Rel 6	HSDPA Subtest-4	13.23	13.22	13.18	14.50	20.02	20.14	19.87	21.50
3GPP Rel 6	DC-HSDPA Subtest-1	13.86	13.62	13.81	15.00	20.60	20.70	20.61	22.00
3GPP Rel 6	DC-HSDPA Subtest-2	13.86	13.62	13.69	15.00	20.49	20.57	20.54	22.00
3GPP Rel 6	DC-HSDPA Subtest-3	13.16	13.09	13.19	14.50	19.85	19.86	19.77	21.50
3GPP Rel 6	DC-HSDPA Subtest-4	13.18	13.14	13.13	14.50	20.07	19.84	20.01	21.50
3GPP Rel 6	HSUPA Subtest-1	12.00	11.84	11.91	13.00	18.71	18.58	18.50	20.00
3GPP Rel 6	HSUPA Subtest-2	11.93	11.84	11.85	13.00	18.69	18.65	18.75	20.00
3GPP Rel 6	HSUPA Subtest-3	12.86	12.76	12.76	13.50	18.67	18.69	18.64	20.00
3GPP Rel 6	HSUPA Subtest-4	11.46	11.45	11.49	12.50	18.21	17.93	18.07	19.50
3GPP Rel 6		12.82	12.69	12.79	13.50	19.33	19.44	19.53	20.50
3GPP Rel 7	HSPA+ (TQAM) Subtest-1	11.87	11.81	11.87	13.00	18.49	18.39	18.33	20.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.44	14.27	14.30	16	0		
20	QPSK	1	49	14.57	14.62	14.51				
20	QPSK	1	99	14.21	14.13	14.25				
20	QPSK	50	0	13.51	13.52	13.46	15	1		
20	QPSK	50	24	13.40	13.43	13.47				
20	QPSK	50	50	13.47	13.30	13.32				
20	QPSK	100	0	13.32	13.51	13.44	15	1		
20	16QAM	1	0	13.35	13.61	13.46				
20	16QAM	1	49	13.42	13.85	13.57				
20	16QAM	1	99	13.41	13.64	13.38	14	2		
20	16QAM	50	0	12.66	12.41	12.56				
20	16QAM	50	24	12.58	12.47	12.50				
20	16QAM	50	50	12.48	12.44	12.45	14	2		
20	16QAM	100	0	12.49	12.48	12.50				
20	64QAM	1	0	12.63	12.43	12.69				
20	64QAM	1	49	12.79	12.55	12.71	14	2		
20	64QAM	1	99	12.31	12.31	12.31				
20	64QAM	50	0	11.61	11.39	11.60				
20	64QAM	50	24	11.51	11.49	11.58	13	3		
20	64QAM	50	50	11.50	11.28	11.37				
20	64QAM	100	0	11.58	11.49	11.50				
Channel										
Frequency (MHz)										
15	QPSK	1	0	14.38	14.19	14.27	16	0		
15	QPSK	1	37	14.51	14.56	14.43				
15	QPSK	1	74	14.17	14.13	14.17				
15	QPSK	36	0	13.45	13.44	13.41	15	1		
15	QPSK	36	20	13.37	13.44	13.48				
15	QPSK	36	39	13.40	13.26	13.27				
15	QPSK	75	0	13.26	13.46	13.36	15	1		
15	16QAM	1	0	13.31	13.62	13.40				
15	16QAM	1	37	13.39	13.76	13.51				
15	16QAM	1	74	13.37	13.62	13.30	14	2		
15	16QAM	36	0	12.60	12.37	12.53				
15	16QAM	36	20	12.59	12.42	12.39				
15	16QAM	36	39	12.40	12.37	12.41	14	2		
15	16QAM	75	0	12.41	12.43	12.49				
15	64QAM	1	0	12.56	12.34	12.67				
15	64QAM	1	37	12.76	12.44	12.64	14	2		
15	64QAM	1	74	12.23	12.30	12.24				
15	64QAM	36	0	11.57	11.35	11.57				
15	64QAM	36	20	11.44	11.42	11.47	13	3		
15	64QAM	36	39	11.45	11.24	11.34				
15	64QAM	75	0	11.51	11.41	11.47				
Channel										
Frequency (MHz)										
10	QPSK	1	0	14.34	14.19	14.27	16	0		
10	QPSK	1	25	14.50	14.59	14.45				
10	QPSK	1	49	14.20	14.10	14.19				
10	QPSK	25	0	13.43	13.49	13.39	15	1		
10	QPSK	25	12	13.35	13.39	13.48				
10	QPSK	25	25	13.46	13.19	13.30				
10	QPSK	50	0	13.29	13.49	13.33	15	1		
10	16QAM	1	0	13.33	13.53	13.40				
10	16QAM	1	25	13.41	13.78	13.53				
10	16QAM	1	49	13.39	13.60	13.32	14	2		
10	16QAM	25	0	12.69	12.46	12.43				
10	16QAM	25	12	12.55	12.37	12.47				
10	16QAM	25	25	12.43	12.37	12.37	14	2		
10	16QAM	50	0	12.46	12.40	12.42				
10	64QAM	1	0	12.57	12.33	12.37				
10	64QAM	1	25	12.77	12.52	12.65	14	2		
10	64QAM	1	49	12.50	12.23	12.20				
10	64QAM	25	0	11.29	11.55	11.55				
10	64QAM	25	12	11.41	11.41	11.54	13	3		
10	64QAM	25	25	11.45	11.24	11.30				
10	64QAM	50	0	11.53	11.47	11.42				
Channel										
Frequency (MHz)										
5	QPSK	1	0	14.34	14.18	14.29	16	0		
5	QPSK	1	12	14.54	14.56	14.45				
5	QPSK	1	24	14.18	14.14	14.24				
5	QPSK	12	0	13.52	13.46	13.37	15	1		
5	QPSK	12	7	13.37	13.40	13.41				
5	QPSK	12	13	13.47	13.27	13.29				
5	QPSK	25	0	13.32	13.48	13.40	15	1		
5	16QAM	1	0	13.35	13.50	13.38				
5	16QAM	1	12	13.35	13.75	13.50				
5	16QAM	1	24	13.39	13.61	13.32	14	2		
5	16QAM	12	0	12.58	12.36	12.50				
5	16QAM	12	7	12.50	12.45	12.47				
5	16QAM	12	13	12.41	12.35	12.39	14	2		
5	16QAM	25	0	12.43	12.42	12.43				
5	64QAM	1	0	12.56	12.39	12.62				
5	64QAM	1	12	12.70	12.50	12.62	14	2		
5	64QAM	1	24	12.24	12.27	12.28				
5	64QAM	12	0	11.51	11.29	11.57				
5	64QAM	12	7	11.47	11.39	11.52	13	3		
5	64QAM	12	13	11.48	11.24	11.27				
5	64QAM	25	0	11.49	11.40	11.41				
Channel										
Frequency (MHz)										
3	QPSK	1	0	14.44	14.15	14.20	16	0		
3	QPSK	1	8	14.52	14.57	14.46				
3	QPSK	1	14	14.15	14.08	14.25				
3	QPSK	8	0	13.45	13.48	13.38	15	1		
3	QPSK	8	4	13.32	13.41	13.46				
3	QPSK	8	7	13.45	13.25	13.27				
3	QPSK	15	0	13.24	13.47	13.42	15	1		
3	16QAM	1	0	13.29	13.55	13.38				
3	16QAM	1	8	13.37	13.79	13.55				
3	16QAM	1	14	13.29	13.60	13.31	14	2		
3	16QAM	8	0	12.63	12.34	12.53				
3	16QAM	8	4	12.46	12.37	12.45				
3	16QAM	8	7	12.43	12.35	12.38	14	2		
3	16QAM	15	0	12.45	12.46	12.46				
3	64QAM	1	0	12.58	12.38	12.69				
3	64QAM	1	8	12.68	12.46	12.64	14	2		
3	64QAM	1	14	12.27	12.21	12.30				
3	64QAM	8	0	11.55	11.32	11.53				
3	64QAM	8	4	11.45	11.43	11.54	13	3		
3	64QAM	8	7	11.45	11.22	11.29				
3	64QAM	15	0	11.51	11.46	11.44				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	14.35	14.21	14.26	16	0		
1.4	QPSK	1	3	14.53	14.67	14.46				
1.4	QPSK	1	5	14.14	14.19	14.11				
1.4	QPSK	3	0	14.30	14.13	14.25	15	1		
1.4	QPSK	3	1	14.45	14.51	14.40				
1.4	QPSK	3	3	14.11	14.08	14.05				
1.4	QPSK	6	0	13.29	13.42	13.35	15	1		
1.4	16QAM	1	0	13.31	13.51	13.43				
1.4	16QAM	1	3	13.39	13.81	13.80				
1.4	16QAM	1	5	13.34	13.51	13.43	15	1		
1.4	16QAM	3	0	13.27	13.42	13.42				
1.4	16QAM	3	1	13.30	13.71	13.71				
1.4	16QAM	3	3	13.25	13.45	13.31	14	2		
1.4	16QAM	6	0	12.47	12.39	12.46				
1.4	64QAM	1	0	12.59	12.34	12.64				
1.4	64QAM	1	3	12.56	12.45	12.57	14	2		
1.4	64QAM	1	5	12.29	12.16	12.44				
1.4	64QAM	3	0	12.51	12.32	12.55				
1.4	64QAM	3	1	12.45	12.40	12.51	14	2		
1.4	64QAM	3	3	12.24	12.08	12.38				
1.4	64QAM	6	0	11.52	11.44	11.45				

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				829	838.5	844				
10	QPSK	1	0	22.32	22.30	22.21	24	0		
10	QPSK	1	25	22.61	22.62	22.45				
10	QPSK	1	49	22.37	22.33	22.22				
10	QPSK	25	0	21.40	21.44	21.32	23	1		
10	QPSK	25	12	21.41	21.38	21.34				
10	QPSK	25	25	21.37	21.38	21.30				
10	QPSK	50	0	21.41	21.43	21.42	23	1		
10	16QAM	1	0	21.38	21.74	21.52				
10	16QAM	1	25	21.67	21.76	21.81				
10	16QAM	1	49	21.65	21.51	21.77	22	2		
10	16QAM	25	0	20.38	20.49	20.47				
10	16QAM	25	12	20.48	20.48	20.35				
10	16QAM	25	25	20.40	20.40	20.16	22	2		
10	16QAM	50	0	20.42	20.48	20.34				
10	64QAM	1	0	20.34	20.37	20.41				
10	64QAM	1	25	20.31	20.37	20.46	22	2		
10	64QAM	1	49	20.39	20.60	20.10				
10	64QAM	25	0	19.41	19.41	19.50				
10	64QAM	25	12	19.39	19.42	19.41	21	3		
10	64QAM	25	25	19.45	19.37	19.34				
10	64QAM	50	0	19.45	19.37	19.39				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.28	22.18	22.15	24	0		
5	QPSK	1	12	22.57	22.57	22.27				
5	QPSK	1	24	22.36	22.25	22.10				
5	QPSK	12	0	21.33	21.39	21.31	23	1		
5	QPSK	12	7	21.31	21.30	21.25				
5	QPSK	12	13	21.25	21.28	21.28				
5	QPSK	25	0	21.29	21.37	21.32	23	1		
5	16QAM	1	0	21.30	21.63	21.47				
5	16QAM	1	12	21.65	21.74	21.72				
5	16QAM	1	24	21.44	21.68	21.49	22	2		
5	16QAM	12	0	20.28	20.44	20.43				
5	16QAM	12	7	20.45	20.37	20.23				
5	16QAM	12	13	20.31	20.30	20.09	22	2		
5	16QAM	25	0	20.32	20.47	20.24				
5	64QAM	1	0	20.24	20.30	20.29				
5	64QAM	1	12	20.47	20.36	20.44	22	2		
5	64QAM	1	24	20.28	20.54	20.05				
5	64QAM	12	0	19.30	19.34	19.41				
5	64QAM	12	7	19.28	19.36	19.40	21	3		
5	64QAM	12	13	19.35	19.34	19.27				
5	64QAM	25	0	19.38	19.33	19.33				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	847.5				
3	QPSK	1	0	22.28	22.26	22.17	24	0		
3	QPSK	1	8	22.52	22.59	22.33				
3	QPSK	1	14	22.35	22.22	22.20				
3	QPSK	8	0	21.35	21.39	21.25	23	1		
3	QPSK	8	4	21.40	21.34	21.22				
3	QPSK	15	0	21.37	21.34	21.34				
3	16QAM	1	0	21.33	21.64	21.47	22	2		
3	16QAM	1	8	21.64	21.69	21.78				
3	16QAM	1	14	21.53	21.73	21.50				
3	16QAM	8	0	20.31	20.46	20.42	22	2		
3	16QAM	8	4	20.40	20.41	20.24				
3	16QAM	15	0	20.31	20.37	20.22				
3	64QAM	1	0	20.30	20.28	20.30	22	2		
3	64QAM	1	8	20.45	20.42	20.42				
3	64QAM	1	14	20.37	20.59	20.34				
3	64QAM	8	0	19.31	19.36	19.38	21	3		
3	64QAM	8	4	19.28	19.36	19.40				
3	64QAM	8	7	19.39	19.30	19.23				
3	64QAM	15	0	19.36	19.32	19.31	21	3		
Channel <th>20415</th> <th>20525</th> <th>20635</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>				20415	20525	20635			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.31	22.25	22.15	24	0		
1.4	QPSK	1	3	22.56	22.52	22.29				
1.4	QPSK	3	0	22.34	22.28	22.21				
1.4	QPSK	3	0	22.29	22.15	22.10	23	1		
1.4	QPSK	3	1	22.49	22.45	22.28				
1.4	QPSK	3	3	22.24	22.17	20.20				
1.4	QPSK	6	0	21.38	21.34	21.41	23	1		
1.4	16QAM	1	0	21.35	21.68	21.43				
1.4	16QAM	1	3	21.66	21.84	21.70				
1.4	16QAM	1	5	21.48	21.70	21.44	23	1		
1.4	16QAM	3	0	21.23	21.67	21.32				
1.4	16QAM	3	1	21.60	21.62	21.66				
1.4	16QAM	3	3	21.31	21.33	21.35	22	2		
1.4	16QAM	6	0	20.37	20.44	20.28				
1.4	64QAM	1	0	20.26	20.31	20.32				
1.4	64QAM	1	3	20.41	20.34	20.37	22	2		
1.4	64QAM	1	5	20.30	20.51	20.09				
1.4	64QAM	3	0	20.17	20.29	20.25				
1.4	64QAM	3	1	20.39	20.33	20.38	21	3		
1.4	64QAM	3	3	20.22	20.50	20.21				
1.4	64QAM	6	0	19.37	19.36	19.29				

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.47	19.37	19.42	21	0	
20	QPSK	1	49	19.74	19.76	19.68			
20	QPSK	1	99	19.47	19.49	19.49			
20	QPSK	50	0	18.71	18.72	18.66	20	1	
20	QPSK	50	24	18.71	18.65	18.67			
20	QPSK	50	50	18.64	18.63	18.61			
20	QPSK	100	0	18.61	18.62	18.56	20	1	
20	16QAM	1	0	18.68	18.63	18.74			
20	16QAM	1	49	19.15	19.13	19.09			
20	16QAM	1	99	18.94	18.91	18.84	19	2	
20	16QAM	50	0	17.78	17.72	17.73			
20	16QAM	50	24	17.83	17.81	17.76			
20	16QAM	50	50	17.74	17.71	17.66	19	2	
20	16QAM	100	0	17.70	17.69	17.70			
20	64QAM	1	0	17.71	17.62	17.57			
20	64QAM	1	49	17.93	17.91	17.90	19	2	
20	64QAM	1	99	17.66	17.70	17.66			
20	64QAM	50	0	16.81	16.76	16.76			
20	64QAM	50	24	16.85	16.82	16.77	18	3	
20	64QAM	50	50	16.77	16.77	16.67			
20	64QAM	100	0	16.74	16.72	16.70			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.43	19.26	19.41	21	0	
15	QPSK	1	37	19.65	19.62	19.54			
15	QPSK	1	74	19.35	19.39	19.43			
15	QPSK	36	0	18.56	18.70	18.54	20	1	
15	QPSK	36	20	18.70	18.53	18.58			
15	QPSK	36	39	18.58	18.55	18.55			
15	QPSK	75	0	18.51	18.48	18.43	20	1	
15	16QAM	1	0	18.82	18.72	18.65			
15	16QAM	1	37	19.00	19.07	18.94			
15	16QAM	1	74	18.79	18.83	18.77	19	2	
15	16QAM	36	0	17.68	17.69	17.63			
15	16QAM	36	20	17.80	17.70	17.64			
15	16QAM	36	39	17.61	17.59	17.64	19	2	
15	16QAM	75	0	17.67	17.58	17.62			
15	64QAM	1	0	17.57	17.58	17.44			
15	64QAM	1	37	17.87	17.80	17.80	19	2	
15	64QAM	1	74	17.52	17.58	17.63			
15	64QAM	36	0	16.99	16.65	16.68			
15	64QAM	36	20	16.80	16.67	16.73	18	3	
15	64QAM	36	39	16.65	16.63	16.57			
15	64QAM	75	0	16.59	16.68	16.62			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2615			
10	QPSK	1	0	19.17	19.24	19.17	21	0	
10	QPSK	1	25	19.60	19.65	19.55			
10	QPSK	1	49	19.32	19.48	19.44			
10	QPSK	25	0	18.65	18.65	18.56	20	1	
10	QPSK	25	12	18.65	18.63	18.63			
10	QPSK	25	25	18.55	18.54	18.58			
10	QPSK	50	0	18.55	18.53	18.45	20	1	
10	16QAM	1	0	18.80	18.81	18.67			
10	16QAM	1	25	19.03	19.01	18.98			
10	16QAM	1	49	18.91	18.77	18.76	19	2	
10	16QAM	25	0	17.65	17.57	17.63			
10	16QAM	25	12	17.82	17.78	17.63			
10	16QAM	25	25	17.61	17.61	17.51	19	2	
10	16QAM	50	0	17.65	17.62	17.55			
10	64QAM	1	0	17.61	17.49	17.52			
10	64QAM	1	25	17.78	17.85	17.82	19	2	
10	64QAM	1	49	17.62	17.68	17.51			
10	64QAM	25	0	16.71	16.63	16.71			
10	64QAM	25	12	16.73	16.67	16.75	18	3	
10	64QAM	25	25	16.69	16.63	16.60			
10	64QAM	50	0	16.73	16.65	16.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.46	19.22	19.41	21	0	
5	QPSK	1	12	19.59	19.63	19.56			
5	QPSK	1	24	19.42	19.45	19.47			
5	QPSK	12	0	18.67	18.69	18.51	20	1	
5	QPSK	12	7	18.63	18.54	18.53			
5	QPSK	12	13	18.49	18.45	18.56			
5	QPSK	25	0	18.60	18.61	18.42	20	1	
5	16QAM	1	0	18.79	18.75	18.61			
5	16QAM	1	12	19.06	18.99	18.94			
5	16QAM	1	24	18.82	18.81	18.79	19	2	
5	16QAM	12	0	17.72	17.70	17.72			
5	16QAM	12	7	17.81	17.70	17.72			
5	16QAM	12	13	17.63	17.65	17.58	19	2	
5	16QAM	25	0	17.68	17.56	17.60			
5	64QAM	1	0	17.64	17.49	17.46			
5	64QAM	1	12	17.84	17.79	17.89	19	2	
5	64QAM	1	24	17.60	17.67	17.57			
5	64QAM	12	0	16.80	16.74	16.69			
5	64QAM	12	7	16.84	16.70	16.68	18	3	
5	64QAM	12	13	16.64	16.74	16.60			
5	64QAM	25	0	16.68	16.62	16.55			

Band 41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.90	20.15	19.73		
20	QPSK	1	99	19.43	20.42	19.75	19.44		
20	QPSK	50	0	18.54	19.95	19.22	18.72	20	1
20	QPSK	50	24	18.52	19.94	19.16	18.70		
20	QPSK	50	50	18.51	19.71	19.00	18.56		
20	QPSK	100	0	18.63	19.64	19.10	18.64	20	1
20	16QAM	1	0	18.69	19.97	19.50	18.91		
20	16QAM	1	49	19.20	19.98	19.55	19.07		
20	16QAM	1	99	19.56	19.81	19.14	18.83	19	2
20	16QAM	50	0	17.39	18.91	18.27	17.80		
20	16QAM	50	24	17.62	19.00	18.23	17.75		
20	16QAM	50	50	18.00	18.82	18.06	17.60	19	2
20	16QAM	100	0	17.76	18.95	18.10	17.68		
20	64QAM	1	0	17.51	18.95	18.29	17.74		
20	64QAM	1	49	17.74	18.95	18.38	17.98	19	2
20	64QAM	1	99	18.44	18.65	17.94	17.61		
20	64QAM	50	0	16.39	17.98	17.27	16.78		
20	64QAM	50	24	16.60	17.91	17.19	16.73	18	3
20	64QAM	50	50	16.97	17.78	17.03	16.64		
20	64QAM	100	0	16.65	17.87	17.07	16.63		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	19.11	20.74	20.03	19.37	21	0
15	QPSK	1	37	19.50	20.74	20.00	19.59		
15	QPSK	1	74	19.35	20.32	19.68	19.38		
15	QPSK	36	0	18.41	19.90	19.09	18.60	20	1
15	QPSK	36	20	18.47	19.78	19.06	18.61		
15	QPSK	36	39	18.45	19.62	18.95	18.48		
15	QPSK	75	0	18.47	19.73	19.03	18.58	20	1
15	16QAM	1	0	18.53	19.82	19.44	18.76		
15	16QAM	1	37	18.83	19.91	19.48	18.96		
15	16QAM	1	74	19.44	19.67	19.08	18.78	19	2
15	16QAM	36	0	17.26	18.84	18.21	17.64		
15	16QAM	36	20	17.57	18.84	18.17	17.67		
15	16QAM	36	39	17.90	18.72	17.96	17.49	19	2
15	16QAM	75	0	17.65	18.89	17.97	17.57		
15	64QAM	1	0	17.42	18.61	18.23	17.62		
15	64QAM	1	37	17.66	18.83	18.25	17.89	19	2
15	64QAM	1	74	18.35	18.51	17.81	17.55		
15	64QAM	36	0	16.23	17.88	17.19	16.64		
15	64QAM	36	20	16.50	17.85	17.05	16.64	18	3
15	64QAM	36	39	16.84	17.70	16.98	16.52		
15	64QAM	75	0	16.55	17.75	17.01	16.51		
Channel				40090	40390	40690	41150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.20	20.72	19.93	19.40	21	0
10	QPSK	1	25	19.46	20.80	20.00	19.64		
10	QPSK	1	49	19.28	20.28	19.64	19.39		
10	QPSK	25	0	18.38	19.86	19.10	18.61	20	1
10	QPSK	25	12	18.47	19.84	19.10	18.60		
10	QPSK	25	25	18.41	19.64	18.93	18.51		
10	QPSK	50	0	18.48	19.69	19.00	18.59	20	1
10	16QAM	1	0	18.61	19.85	19.37	18.77		
10	16QAM	1	25	18.77	19.86	19.41	18.98		
10	16QAM	1	49	19.44	19.68	19.05	18.68	19	2
10	16QAM	25	0	17.27	18.76	18.19	17.64		
10	16QAM	25	12	17.48	18.88	18.13	17.63		
10	16QAM	25	25	17.65	18.76	17.92	17.46	19	2
10	16QAM	50	0	17.64	18.87	17.94	17.59		
10	64QAM	1	0	17.41	18.97	18.14	17.63		
10	64QAM	1	25	17.88	19.04	18.31	17.91	18	3
10	64QAM	1	49	18.34	18.50	17.82	17.55		
10	64QAM	25	0	16.30	17.93	17.19	16.71		
10	64QAM	25	12	16.49	17.82	17.07	16.63	18	3
10	64QAM	25	25	16.81	17.68	16.96	16.53		
10	64QAM	50	0	16.50	17.77	17.01	16.49		
Channel				40055	40355	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.11	20.82	20.03	19.36	21	0
5	QPSK	1	12	19.51	20.76	20.01	19.68		
5	QPSK	1	24	19.32	20.29	19.38	19.38		
5	QPSK	12	0	18.41	19.89	19.13	18.65	20	1
5	QPSK	12	7	18.36	19.88	19.08	18.63		
5	QPSK	12	13	18.44	19.58	18.87	18.44		
5	QPSK	25	0	18.51	19.68	19.00	18.56	20	1
5	16QAM	1	0	18.63	19.90	19.35	18.77		
5	16QAM	1	12	18.80	19.93	19.45	18.94		
5	16QAM	1	24	19.43	19.68	19.08	18.74	19	2
5	16QAM	12	0	17.27	18.86	18.14	17.65		
5	16QAM	12	7	17.48	18.94	18.13	17.68		
5	16QAM	12	13	17.68	18.73	17.96	17.44	19	2
5	16QAM	25	0	17.64	18.90	18.00	17.57		
5	64QAM	1	0	17.38	18.89	18.19	17.64		
5	64QAM	1	12	17.68	18.89	18.29	17.86	19	2
5	64QAM	1	24	18.28	18.57	17.87	17.49		
5	64QAM	12	0	16.25	17.89	17.19	16.71		
5	64QAM	12	7	16.45	17.81	17.09	16.68	18	3
5	64QAM	12	13	16.92	17.68	16.96	16.49		
5	64QAM	25	0	16.51	17.81	16.99	16.47		



Reduced Power Mode for Handheld on

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		189	189	251	Limit		189	189	251	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		32.81	32.84	32.86	33.50		23.81	23.84	23.86	24.50	
GPRS 1 Tx slots		32.82	32.95	32.88	33.50		23.82	23.95	23.88	24.50	
GPRS 2 Tx slots		32.03	32.17	32.11	32.50		26.03	26.17	26.11	26.50	
GPRS 3 Tx slots		30.27	30.38	30.32	31.00		26.01	26.12	26.06	26.74	
GPRS 4 Tx slots		29.10	29.25	29.23	30.00		26.10	26.25	26.23	27.00	
EDGE 1 Tx slot		27.10	27.03	26.95	28.00		18.10	18.03	17.95	19.00	
EDGE 2 Tx slots		25.94	25.89	26.04	26.50		19.94	19.89	20.04	20.50	
EDGE 3 Tx slots		23.97	23.80	23.88	24.50		19.71	19.54	19.62	20.24	
EDGE 4 Tx slots		22.71	22.68	22.62	23.00		19.71	19.68	19.62	20.00	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1850.2	1880	1909.8	(dBm)		1850.2	1880	1909.8	(dBm)	
GSM 1 Tx slot		29.79	29.00	29.03	30.00		20.79	20.00	20.03	21.00	
GPRS 1 Tx slot		28.71	29.05	29.09	30.00		20.71	20.05	20.09	21.00	
GPRS 2 Tx slots		28.97	28.39	28.35	29.50		22.97	22.39	22.35	23.50	
GPRS 3 Tx slots		27.22	26.51	26.53	27.50		22.96	22.25	22.27	23.24	
GPRS 4 Tx slots		26.26	26.66	25.94	26.50		23.26	22.66	22.84	23.50	
EDGE 1 Tx slot		25.84	25.78	25.92	26.00		16.84	16.78	16.92	17.00	
EDGE 2 Tx slots		24.87	24.52	24.70	25.00		16.87	16.52	16.70	16.90	
EDGE 3 Tx slots		22.56	22.16	22.26	23.50		18.30	17.90	18.00	19.24	
EDGE 4 Tx slots		21.01	20.71	20.76	22.50		18.01	17.71	17.76	19.50	

Band		WCDMA II_Ant 0			Tune-up		WCDMA V_Ant 0			Tune-up	
TX Channel		9262	9400	9538	Limit		4132	4162	4233	Limit	
RX Channel		9402	9600	9638	(dBm)		4307	4407	4468	(dBm)	
Frequency (MHz)		1852.4	1880	1907.6	(dBm)		826.4	836.4	846.6	(dBm)	
3GPP Rel 99 AMR 12.2Kbps		18.82	18.72	18.75	20.50		22.44	22.47	22.46	24.00	
3GPP Rel 99 RMC 12.2Kbps		18.83	18.88	18.89	20.50		22.42	22.49	22.48	24.00	
3GPP Rel 6 HSDPA Subtest-1		17.84	17.71	17.77	19.50		21.45	21.49	21.48	23.00	
3GPP Rel 6 HSDPA Subtest-2		17.71	17.60	17.71	19.50		21.37	21.41	21.36	23.00	
3GPP Rel 6 HSDPA Subtest-3		17.32	17.10	17.18	19.00		20.94	20.94	20.87	22.50	
3GPP Rel 6 HSDPA Subtest-4		17.17	17.09	17.19	19.50		20.87	20.92	20.85	22.50	
3GPP Rel 6 DC-HSDPA Subtest-1		17.81	17.54	17.81	19.50		21.38	21.42	21.40	23.00	
3GPP Rel 6 DC-HSDPA Subtest-2		17.64	17.56	17.59	19.50		21.31	21.40	21.28	23.00	
3GPP Rel 6 DC-HSDPA Subtest-3		17.18	17.09	17.15	19.00		20.86	20.89	20.79	22.50	
3GPP Rel 6 DC-HSDPA Subtest-4		17.06	17.13	17.06	19.00		20.83	20.90	20.78	22.50	
3GPP Rel 6 HSUPA Subtest-1		15.84	15.82	15.79	17.50		19.44	19.47	19.51	21.00	
3GPP Rel 6 HSUPA Subtest-2		15.87	15.81	15.87	17.50		19.42	19.42	19.48	21.00	
3GPP Rel 6 HSUPA Subtest-3		16.80	16.71	16.58	18.00		20.43	20.49	20.46	21.50	
3GPP Rel 6 HSUPA Subtest-4		15.35	15.32	15.40	17.00		18.88	18.94	18.97	20.50	
3GPP Rel 6 HSUPA Subtest-5		16.73	16.63	16.84	18.00		20.40	20.40	20.40	21.50	
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		15.88	15.72	15.75	17.50		19.41	19.33	19.40	21.00	

Band 2_Ant 0													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	19.38	19.38	19.21	21	0					
20	QPSK	1	49	19.51	19.60	19.57							
20	QPSK	1	99	19.23	19.15	19.21							
20	QPSK	50	0	18.48	18.62	18.57	20	1					
20	QPSK	50	24	18.48	18.52	18.52							
20	QPSK	50	50	18.38	18.38	18.38							
20	QPSK	100	0	18.45	18.59	18.53	19	2					
20	16QAM	1	0	19.01	18.95	18.93							
20	16QAM	1	49	18.98	18.94	18.84							
20	16QAM	1	99	18.86	18.53	18.54	19	2					
20	16QAM	50	0	17.51	17.38	17.53							
20	16QAM	50	24	17.56	17.41	17.55							
20	16QAM	50	50	17.56	17.34	17.38	18	3					
20	16QAM	100	0	17.62	17.41	17.49							
20	64QAM	1	0	17.58	17.72	17.68							
20	64QAM	1	49	18.01	17.80	17.79	19	2					
20	64QAM	1	99	17.60	17.64	17.61							
20	64QAM	50	0	16.55	16.38	16.59							
20	64QAM	50	24	16.65	16.51	16.48	18	3					
20	64QAM	50	50	16.47	16.36	16.26							
20	64QAM	100	0	16.51	16.48	16.45							
Channel													
Frequency (MHz)													
18	QPSK	1	0	19.29	19.30	19.16	21	0					
15	QPSK	1	37	19.40	19.33	19.50							
15	QPSK	1	74	19.18	19.09	19.18							
15	QPSK	36	0	18.47	18.59	18.49	20	1					
15	QPSK	36	20	18.40	18.51	18.44							
15	QPSK	36	39	18.58	18.36	18.32							
15	QPSK	75	0	18.41	18.56	18.53	20	1					
15	16QAM	1	0	19.00	18.97	18.88							
15	16QAM	1	37	18.92	18.84	18.83							
15	16QAM	1	74	18.81	18.53	18.51	19	2					
15	16QAM	36	0	17.39	17.29	17.49							
15	16QAM	36	20	17.53	17.37	17.46							
15	16QAM	36	39	17.53	17.25	17.34	19	2					
15	16QAM	75	0	17.57	17.37	17.47							
15	8QAM	1	0	17.49	17.66	17.64							
15	64QAM	1	37	17.95	17.74	17.73	19	2					
15	64QAM	1	74	17.49	17.61	17.60							
15	64QAM	36	0	16.48	16.31	16.57							
15	64QAM	36	20	16.55	16.42	16.46	18	3					
15	64QAM	36	39	16.41	16.32	16.20							
15	64QAM	75	0	16.44	16.43	16.42							
Channel													
Frequency (MHz)													
10	QPSK	1	0	19.33	19.32	19.14	21	0					
10	QPSK	1	25	19.51	19.55	19.52							
10	QPSK	1	49	19.19	19.07	19.16							
10	QPSK	25	0	18.40	18.57	18.56	20	1					
10	QPSK	25	12	18.43	18.47	18.40							
10	QPSK	25	25	18.53	18.31	18.30							
10	QPSK	50	0	18.39	18.53	18.45	20	1					
10	16QAM	1	0	18.89	18.94	18.93							
10	16QAM	1	25	18.99	18.84	18.77							
10	16QAM	1	49	18.80	18.54	18.56	19	2					
10	16QAM	25	0	17.46	17.35	17.50							
10	16QAM	25	12	17.49	17.36	17.46							
10	16QAM	25	25	17.52	17.25	17.33	19	2					
10	16QAM	50	0	17.56	17.31	17.45							
10	64QAM	1	0	17.48	17.68	17.66							
10	64QAM	1	25	17.95	17.74	17.70	19	2					
10	64QAM	1	49	17.52	17.58	17.57							
10	64QAM	25	0	16.49	16.27	16.56							
10	64QAM	25	12	16.59	16.41	16.41	18	3					
10	64QAM	25	25	16.39	16.31	16.22							
10	64QAM	50	0	16.44	16.39	16.38							
Channel													
Frequency (MHz)													
5	QPSK	1	0	19.37	19.30	19.12	21	0					
5	QPSK	1	12	19.44	19.53	19.54							
5	QPSK	1	24	19.22	19.10	19.11							
5	QPSK	12	0	18.45	18.55	18.49	20	1					
5	QPSK	12	7	18.45	18.44	18.51							
5	QPSK	12	13	18.47	18.35	18.29							
5	QPSK	25	0	18.40	18.53	18.50	20	1					
5	16QAM	1	0	18.96	18.92	18.91							
5	16QAM	1	12	18.94	18.94	18.83							
5	16QAM	1	24	18.80	18.51	18.54	19	2					
5	16QAM	12	0	17.52	17.29	17.47							
5	16QAM	12	7	17.51	17.33	17.46							
5	16QAM	12	13	17.50	17.27	17.32	19	2					
5	16QAM	25	0	17.51	17.36	17.40							
5	64QAM	1	0	17.49	17.68	17.60							
5	64QAM	1	12	17.97	17.75	17.74	19	2					
5	64QAM	1	24	17.57	17.60	17.59							
5	64QAM	12	0	16.53	16.28	16.57							
5	64QAM	12	7	16.64	16.42	16.39	18	3					
5	64QAM	12	13	16.46	16.30	16.23							
5	64QAM	25	0	16.47	16.41	16.40							
Channel													
Frequency (MHz)													
3	QPSK	1	0	19.37	19.30	19.12	21	0					
3	QPSK	1	8	19.48	19.56	19.50							
3	QPSK	1	14	19.12	19.14	19.16							
3	QPSK	8	0	18.41	18.58	18.47	20	1					
3	QPSK	8	4	18.49	18.46	18.44							
3	QPSK	8	7	18.49	18.33	18.29							
3	QPSK	15	0	18.44	18.53	18.42	20	1					
3	16QAM	1	0	18.92	18.90	18.88							
3	16QAM	1	8	18.91	18.86	18.74							
3	16QAM	1	14	18.78	18.48	18.52	19	2					
3	16QAM	8	0	17.43	17.35	17.45							
3	16QAM	8	4	17.54	17.37	17.53							
3	16QAM	8	7	17.55	17.32	17.28	18	3					
3	16QAM	15	0	17.55	17.36	17.46							
3	8QAM	1	0	17.52	17.65	17.63							
3	64QAM	1	8	18.00	17.72	17.72							
3	64QAM	1	14	17.53	17.62	17.68							
3	64QAM	8	0	16.46	16.30	16.49	19	2					
3	64QAM	8	4	16.58	16.41	16.49							
3	64QAM	8	7	16.36	16.30	16.18							
3	64QAM	15	0	16.47	16.41	16.45	18	3					
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	19.24	19.35	19.20			21	0			
1.4	QPSK	1	0	19.25	19.30	19.25							
1.4	QPSK	1	5	19.16	19.06	19.17							
1.4	QPSK	3	0	19.25	19.28	19.15	20	1					
1.4	QPSK	3	1	19.44	19.50	19.44							
1.4	QPSK	3	3	19.09	19.08	19.11							
1.4	QPSK	6	0	18.31	18.52	18.43	19	2					
1.4	16QAM	1	0	19.03	18.80	18.91							
1.4	16QAM	1	3	19.11	18.79	18.69							
1.4	16QAM	1	5	18.73	18.75	18.64	20	1					
1.4	16QAM	3	0	18.97	18.75	18.90							
1.4	16QAM	3	1	19.01	18.74	18.65							
1.4	16QAM	3	1	18.86	18.66	18.81	19	2					
1.4	6QAM	0	0	17.81	17.79	17.47							
1.4	6QAM	1	0	17.29	17.70	17.64							
1.4	QPSK	1	3	17.69	17.77	17.67	19	2					
1.4	6QAM	1	5	17.34	17.62	17.80							
1.4	6QAM	3	0	17.25	17.70	17.59							
1.4	6QAM	3	3	17.45	17.70	17.47	18	3					
1.4	6QAM	3	3	17.34	17.55	17.54							
1.4	6QAM	6	0	16.44	16.41	16.37							

Band 38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.47	19.37	19.42	21	0	
20	QPSK	1	49	19.74	19.76	19.68			
20	QPSK	1	99	19.47	19.49	19.49			
20	QPSK	50	0	18.71	18.72	18.66	20	1	
20	QPSK	50	24	18.71	18.65	18.67			
20	QPSK	50	50	18.64	18.63	18.61			
20	QPSK	100	0	18.61	18.62	18.56	20	1	
20	16QAM	1	0	18.68	18.63	18.74			
20	16QAM	1	49	19.15	19.13	19.09			
20	16QAM	1	99	18.94	18.91	18.84	19	2	
20	16QAM	50	0	17.78	17.72	17.73			
20	16QAM	50	24	17.83	17.81	17.76			
20	16QAM	50	50	17.74	17.71	17.66	19	2	
20	16QAM	100	0	17.70	17.69	17.70			
20	64QAM	1	0	17.71	17.62	17.57			
20	64QAM	1	49	17.93	17.91	17.90	19	2	
20	64QAM	1	99	17.66	17.70	17.66			
20	64QAM	50	0	16.81	16.76	16.76			
20	64QAM	50	24	16.85	16.82	16.77	18	3	
20	64QAM	50	50	16.77	16.77	16.67			
20	64QAM	100	0	16.74	16.72	16.70			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.43	19.26	19.41	21	0	
15	QPSK	1	37	19.65	19.62	19.54			
15	QPSK	1	74	19.35	19.39	19.43			
15	QPSK	36	0	18.56	18.70	18.54	20	1	
15	QPSK	36	20	18.70	18.53	18.58			
15	QPSK	36	39	18.58	18.55	18.55			
15	QPSK	75	0	18.51	18.48	18.43	20	1	
15	16QAM	1	0	18.82	18.72	18.65			
15	16QAM	1	37	19.00	19.07	18.94			
15	16QAM	1	74	18.79	18.83	18.77	19	2	
15	16QAM	36	0	17.68	17.69	17.63			
15	16QAM	36	20	17.80	17.70	17.64			
15	16QAM	36	39	17.61	17.59	17.64	19	2	
15	16QAM	75	0	17.67	17.58	17.62			
15	64QAM	1	0	17.57	17.58	17.44			
15	64QAM	1	37	17.87	17.80	17.80	19	2	
15	64QAM	1	74	17.52	17.58	17.63			
15	64QAM	36	0	16.99	16.65	16.68			
15	64QAM	36	20	16.80	16.67	16.73	18	3	
15	64QAM	36	39	16.65	16.63	16.57			
15	64QAM	75	0	16.59	16.68	16.62			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2615			
10	QPSK	1	0	19.17	19.24	19.17	21	0	
10	QPSK	1	25	19.60	19.65	19.55			
10	QPSK	1	49	19.32	19.48	19.44			
10	QPSK	25	0	18.65	18.65	18.56	20	1	
10	QPSK	25	12	18.65	18.63	18.63			
10	QPSK	25	25	18.55	18.54	18.58			
10	QPSK	50	0	18.55	18.53	18.45	20	1	
10	16QAM	1	0	18.80	18.81	18.67			
10	16QAM	1	25	19.03	19.01	18.98			
10	16QAM	1	49	18.91	18.77	18.76	19	2	
10	16QAM	25	0	17.65	17.57	17.63			
10	16QAM	25	12	17.82	17.78	17.63			
10	16QAM	25	25	17.61	17.61	17.51	19	2	
10	16QAM	50	0	17.65	17.62	17.55			
10	64QAM	1	0	17.61	17.49	17.52			
10	64QAM	1	25	17.78	17.85	17.82	19	2	
10	64QAM	1	49	17.62	17.68	17.51			
10	64QAM	25	0	16.71	16.63	16.71			
10	64QAM	25	12	16.73	16.67	16.75	18	3	
10	64QAM	25	25	16.89	16.63	16.80			
10	64QAM	50	0	16.73	16.65	16.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.46	19.22	19.41	21	0	
5	QPSK	1	12	19.59	19.63	19.56			
5	QPSK	1	24	19.42	19.45	19.47			
5	QPSK	12	0	18.67	18.69	18.51	20	1	
5	QPSK	12	7	18.63	18.54	18.53			
5	QPSK	12	13	18.49	18.45	18.56			
5	QPSK	25	0	18.60	18.61	18.42	20	1	
5	16QAM	1	0	18.79	18.75	18.61			
5	16QAM	1	12	19.06	18.99	18.94			
5	16QAM	1	24	18.82	18.81	18.79	19	2	
5	16QAM	12	0	17.72	17.70	17.72			
5	16QAM	12	7	17.81	17.70	17.72			
5	16QAM	12	13	17.63	17.65	17.58	19	2	
5	16QAM	25	0	17.68	17.56	17.60			
5	64QAM	1	0	17.64	17.49	17.46			
5	64QAM	1	12	17.84	17.79	17.89	19	2	
5	64QAM	1	24	17.60	17.67	17.57			
5	64QAM	12	0	16.80	16.74	16.69			
5	64QAM	12	7	16.84	16.70	16.68	18	3	
5	64QAM	12	13	16.64	16.74	16.60			
5	64QAM	25	0	16.68	16.62	16.55			

Band 41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.90	20.15	19.73		
20	QPSK	1	99	19.43	20.42	19.75	19.44		
20	QPSK	50	0	18.54	19.95	19.22	18.72	20	1
20	QPSK	50	24	18.52	19.94	19.16	18.70		
20	QPSK	50	50	18.51	19.71	19.00	18.56		
20	QPSK	100	0	18.63	19.64	19.10	18.64	20	1
20	16QAM	1	0	18.69	19.97	19.50	18.91		
20	16QAM	1	49	19.20	19.98	19.55	19.07		
20	16QAM	1	99	19.56	19.81	19.14	18.83	19	2
20	16QAM	50	0	17.39	18.91	18.27	17.80		
20	16QAM	50	24	17.62	19.00	18.23	17.75		
20	16QAM	50	50	18.00	18.82	18.06	17.60	19	2
20	16QAM	100	0	17.76	18.95	18.10	17.68		
20	64QAM	1	0	17.51	18.95	18.29	17.74		
20	64QAM	1	49	17.74	18.95	18.38	17.98	19	2
20	64QAM	1	99	18.44	18.65	17.94	17.61		
20	64QAM	50	0	16.39	17.98	17.27	16.78		
20	64QAM	50	24	16.60	17.91	17.19	16.73	18	3
20	64QAM	50	50	16.97	17.78	17.03	16.64		
20	64QAM	100	0	16.65	17.87	17.07	16.63		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	19.11	20.74	20.03	19.37	21	0
15	QPSK	1	37	19.50	20.74	20.00	19.59		
15	QPSK	1	74	19.35	20.32	19.68	19.38		
15	QPSK	36	0	18.41	19.90	19.09	18.60	20	1
15	QPSK	36	20	18.47	19.78	19.06	18.61		
15	QPSK	36	39	18.45	19.62	18.95	18.48		
15	QPSK	75	0	18.47	19.73	19.03	18.58	20	1
15	16QAM	1	0	18.53	19.82	19.44	18.76		
15	16QAM	1	37	18.83	19.91	19.48	18.96		
15	16QAM	1	74	19.44	19.67	19.08	18.78	19	2
15	16QAM	36	0	17.26	18.84	18.21	17.64		
15	16QAM	36	20	17.57	18.84	18.17	17.67		
15	16QAM	36	39	17.90	18.72	17.96	17.49	19	2
15	16QAM	75	0	17.65	18.89	17.97	17.57		
15	64QAM	1	0	17.42	18.61	18.23	17.62		
15	64QAM	1	37	17.66	18.83	18.25	17.89	19	2
15	64QAM	1	74	18.35	18.51	17.81	17.55		
15	64QAM	36	0	16.23	17.88	17.19	16.54		
15	64QAM	36	20	16.50	17.85	17.05	16.64	18	3
15	64QAM	36	39	16.84	17.70	16.98	16.52		
15	64QAM	75	0	16.55	17.75	17.01	16.51		
Channel				40090	40390	40690	41150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.20	20.72	19.93	19.40	21	0
10	QPSK	1	25	19.46	20.80	20.00	19.64		
10	QPSK	1	49	19.28	20.28	19.64	19.39		
10	QPSK	25	0	18.38	19.86	19.10	18.61	20	1
10	QPSK	25	12	18.47	19.84	19.10	18.60		
10	QPSK	25	25	18.41	19.64	18.93	18.51		
10	QPSK	50	0	18.48	19.69	19.00	18.59	20	1
10	16QAM	1	0	18.61	19.85	19.37	18.77		
10	16QAM	1	25	18.77	19.86	19.41	18.98		
10	16QAM	1	49	19.44	19.68	19.05	18.68	19	2
10	16QAM	25	0	17.27	18.76	18.19	17.64		
10	16QAM	25	12	17.48	18.88	18.13	17.63		
10	16QAM	25	25	17.65	18.76	17.92	17.46	19	2
10	16QAM	50	0	17.64	18.87	17.94	17.59		
10	64QAM	1	0	17.41	18.97	18.14	17.63		
10	64QAM	1	25	17.88	19.04	18.31	17.91	18	3
10	64QAM	1	49	18.34	18.50	17.82	17.55		
10	64QAM	25	0	16.30	17.93	17.19	16.71		
10	64QAM	25	12	16.49	17.82	17.07	16.63	18	3
10	64QAM	25	25	16.81	17.68	16.96	16.53		
10	64QAM	50	0	16.50	17.77	17.01	16.49		
Channel				40055	40355	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.11	20.82	20.03	19.36	21	0
5	QPSK	1	12	19.51	20.76	20.01	19.68		
5	QPSK	1	24	19.32	20.29	19.38	19.38		
5	QPSK	12	0	18.41	19.89	19.13	18.65	20	1
5	QPSK	12	7	18.36	19.88	19.08	18.63		
5	QPSK	12	13	18.44	19.58	18.87	18.44		
5	QPSK	25	0	18.51	19.68	19.00	18.56	20	1
5	16QAM	1	0	18.63	19.90	19.35	18.77		
5	16QAM	1	12	18.80	19.93	19.45	18.94		
5	16QAM	1	24	19.43	19.68	19.08	18.74	19	2
5	16QAM	12	0	17.27	18.86	18.14	17.65		
5	16QAM	12	7	17.48	18.94	18.13	17.68		
5	16QAM	12	13	17.68	18.73	17.96	17.44	19	2
5	16QAM	25	0	17.64	18.90	18.00	17.57		
5	64QAM	1	0	17.38	18.89	18.19	17.64		
5	64QAM	1	12	17.68	18.89	18.29	17.86	19	2
5	64QAM	1	24	18.28	18.57	17.87	17.49		
5	64QAM	12	0	16.25	17.89	17.19	16.71		
5	64QAM	12	7	16.45	17.81	17.09	16.68	18	3
5	64QAM	12	13	16.92	17.68	16.96	16.49		
5	64QAM	25	0	16.51	17.81	16.99	16.47		

Downlink CA Power

2CC															
Configure		CA Configuration (BCS)	PCC						SCC				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	22.68	22.67
Intra-Band	Non-Contiguous	CA_7A-7A	Band 7	20M	2560	21350	QPSK	1	49	Band 7	5M	2622.5	2775	22.97	22.93
		CA_41A-41A	Band 41	20M	2571	40400	QPSK	1	49	Band 41	5M	2537.5	40065	23.76	23.83
		CA_38A_38A	Band 38	20M	2595	38000	QPSK	1	49	Band 38	5M	2572.5	37775	22.91	22.87
	Contiguous	CA_7B	Band 7	15M	2562.5	21375	QPSK	1	49	Band 7	5M	2678.20	3332	22.85	22.85
		CA_7C	Band 7	20M	2560	21350	QPSK	1	49	Band 7	20M	2660.20	3152	22.97	22.96
CA_41C		Band 41	20M	2571	40400	QPSK	1	49	Band 41	20M	2590.80	40598	23.71	23.83	

<WLAN 2.4GHz_FCC State1>

2.4GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MHS (Media Hotspot) Power Table	Duty Cycle %
			Ave4	Ave4	Ave4	Ave4	Ave4	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.1	20.0	17.4	19.0	18.1
		6	2437	18.18	20.0	17.39	19.0	18.18
	802.11g 6Mbps	11	2462	18.31	20.0	17.46	19.0	18.31
		1	2412	13.68	15.0	13.68	13.68	15.0
	802.11n-HT20 MCS0	2	2417	18.72	20.0	17.48	19.0	18.72
		6	2437	18.24	20.0	18.24	20.0	18.24
	802.11n-HT40 MCS0	11	2462	15.34	16.50	15.34	16.50	15.34
		1	2412	12.66	14.00	12.66	14.00	12.66
	802.11ac-VHT20 MCS0	2	2417	17.03	19.00	17.23	19.00	17.03
		6	2437	16.92	18.90	16.92	18.90	16.92
	802.11ac-VHT40 MCS0	11	2462	15.05	16.50	15.05	16.50	15.05
		6	2437	14.52	16.00	14.52	16.00	14.52
		9	2452	13.22	15.00	13.22	15.00	13.22
		9	2452	13.22	15.00	13.22	15.00	13.22

<WLAN 5GHz_FCC State1>

5.2GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MHS (Media Hotspot) Power Table	Duty Cycle %
			Ave4	Ave4	Ave4	Ave4	Ave4	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.37	19.00	17.62	19.50	17.37
		40	5200	17.75	19.50	17.75	19.50	17.75
	802.11n-HT20 MCS0	44	5220	17.81	19.50	17.81	19.50	17.81
		48	5240	17.88	19.50	17.88	19.50	17.88
	802.11n-HT40 MCS0	36	5180	16.05	17.50	16.05	17.50	16.05
		40	5200	17.69	19.50	17.69	19.50	17.69
	802.11ac-VHT20 MCS0	44	5220	17.74	19.50	17.74	19.50	17.74
		48	5240	17.75	19.50	17.75	19.50	17.75
	802.11ac-VHT40 MCS0	36	5180	16.61	18.50	16.61	18.50	16.61
		40	5200	16.62	18.50	16.62	18.50	16.62
	802.11ac-VHT80 MCS0	36	5180	16.13	17.50	16.13	17.50	16.13
		40	5200	17.65	19.50	17.65	19.50	17.65
	802.11ac-VHT160 MCS0	44	5220	17.73	19.50	17.73	19.50	17.73
		48	5240	17.81	19.50	17.81	19.50	17.81
		36	5180	16.63	18.50	16.63	18.50	16.63
		40	5200	16.63	18.50	16.63	18.50	16.63
		42	5210	14.55	16.00	14.55	16.00	14.55
		42	5210	14.55	16.00	14.55	16.00	14.55

5.3GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	Duty Cycle %
			Ave4	Ave4	Ave4	Ave4	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	62	5260	17.89	19.50	17.89	19.50
		56	5280	18.00	19.50	18.00	19.50
	802.11n-HT20 MCS0	60	5300	17.85	19.50	17.95	19.50
		64	5320	17.87	19.50	17.87	19.50
	802.11n-HT40 MCS0	52	5260	17.82	19.50	17.82	19.50
		56	5280	17.79	19.50	17.79	19.50
	802.11ac-VHT20 MCS0	60	5300	17.83	19.50	17.83	19.50
		64	5320	17.80	19.50	17.80	19.50
	802.11ac-VHT40 MCS0	54	5300	16.65	18.50	16.65	18.50
		62	5310	16.17	18.00	16.17	18.00
	802.11ac-VHT80 MCS0	52	5260	17.85	19.50	17.85	19.50
		56	5280	17.83	19.50	17.83	19.50
	802.11ac-VHT160 MCS0	60	5300	17.87	19.50	17.87	19.50
		64	5320	17.85	19.50	17.85	19.50
		54	5300	16.70	18.50	16.70	18.50
		62	5310	16.23	18.00	16.23	18.00
		58	5290	14.79	16.00	14.79	16.00
		58	5290	14.79	16.00	14.79	16.00

5.5GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	Duty Cycle %
			Ave4	Ave4	Ave4	Ave4	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.94	19.50	17.26	19.00
		116	5580	17.82	19.50	17.08	19.00
	802.11n-HT20 MCS0	124	5620	17.79	19.50	17.02	19.00
		132	5660	17.75	19.50	17.03	19.00
	802.11n-HT40 MCS0	140	5700	17.78	19.50	17.05	19.00
		144	5720	17.81	19.50	17.01	19.00
	802.11ac-VHT20 MCS0	100	5500	17.82	19.50	17.05	19.00
		116	5580	17.74	19.50	17.03	19.00
	802.11ac-VHT40 MCS0	124	5620	17.65	19.50	17.02	19.00
		132	5660	17.59	19.50	17.03	19.00
	802.11ac-VHT80 MCS0	140	5700	16.23	18.00	16.23	18.00
		144	5720	17.65	19.50	17.03	19.00
	802.11ac-VHT160 MCS0	100	5500	17.90	19.50	17.03	19.00
		116	5580	17.76	19.50	17.08	19.00
		124	5620	17.72	19.50	17.03	19.00
		132	5660	17.62	19.50	17.08	19.00
		140	5700	16.26	18.00	16.26	18.00
		144	5720	17.73	19.50	17.02	19.00
		102	5610	16.75	18.50	16.75	18.50
		110	5560	16.72	18.50	16.72	18.50
		126	5630	16.79	18.50	16.76	18.50
		134	5670	16.53	18.50	16.53	18.50
		142	5710	16.62	19.50	16.62	19.50
		106	5530	15.56	17.00	15.56	17.00
		122	5610	16.09	17.50	16.09	17.50
		138	5690	16.08	17.50	16.08	17.50

5.8GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MHS (Media Hotspot) Power Table	Duty Cycle %
			Ave4	Ave4	Ave4	Ave4	Ave4	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit
5.8GHz WLAN	802.11a 6Mbps	148	5745	18.15	19.50	18.15	19.50	18.15
		157	5785	18.20	19.50	18.20	19.50	18.20
	802.11n-HT20 MCS0	165	5825	18.14	19.50	18.14	19.50	18.14
		148	5745	17.99	19.50	17.99	19.50	17.99
	802.11n-HT40 MCS0	157	5785	17.95	19.50	17.95	19.50	17.95
		165	5825	17.93	19.50	17.93	19.50	17.93
	802.11ac-VHT20 MCS0	151	5755	16.86	18.50	16.86	18.50	16.86
		159	5795	17.04	18.50	17.04	18.50	17.04
	802.11ac-VHT40 MCS0	148	5745	18.05	19.50	18.05	19.50	18.05
		157	5785	18.00	19.50	18.00	19.50	18.00
	802.11ac-VHT80 MCS0	151	5755	17.00	19.50	17.00	19.50	17.00
		159	5795	17.06	19.50	17.06	19.50	17.06
	802.11ac-VHT160 MCS0	155	5775	16.46	17.50	16.46	17.50	16.46
		155	5775	16.46	17.50	16.46	17.50	16.46

**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (28m)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	9.27	9.30	9.38	7.21	6.53	6.30	7.24	6.50	6.21	11
	CH 39	2441	9.53	9.54	9.56	7.43	6.65	6.40	7.41	6.65	6.37	
	CH 78	2480	9.44	9.48	9.49	7.34	6.71	6.34	7.10	6.67	6.32	

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	0.26
	CH 19	2440	1.71
	CH 39	2480	1.17
Tune-up Limit			3.5

BLE 1M/2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	0.26	0.34
	CH 19	2440	1.71	1.87
	CH 39	2480	1.17	1.13
Tune-up Limit			3.5	3.5