



## Full Power Mode

GSM850_Ant 0 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	126	189	251		126	189	251	
Frequency (MHz)	824.2	824.4	824.8	824.2	824.4	824.8		
GSM 1 Tx slot	32.81	32.94	32.88	<b>33.50</b>	23.81	23.94	23.86	24.50
GPRS 1 Tx slot	32.82	32.95	32.88	<b>33.50</b>	23.82	23.95	23.88	24.50
GPRS 2 Tx slots	32.03	32.17	32.11	<b>32.50</b>	26.03	26.17	26.11	26.50
GPRS 3 Tx slots	30.27	30.38	30.32	<b>31.00</b>	26.01	26.12	26.06	26.74
GPRS 4 Tx slots	29.10	29.25	29.23	<b>30.00</b>	26.10	26.25	26.23	27.00
EDGE 1 Tx slot	27.19	27.03	26.95	<b>28.00</b>	18.10	18.03	17.95	19.00
EDGE 2 Tx slot	25.94	25.89	26.04	<b>26.50</b>	18.94	18.89	20.04	20.50
EDGE 3 Tx slots	23.87	23.80	23.86	<b>24.50</b>	19.71	19.54	19.62	20.34
EDGE 4 Tx slots	22.71	22.68	22.82	<b>23.00</b>	19.71	19.68	19.62	20.00

GSM900_Ant 0 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	1908.8	1850.2	1880	1908.8		
GSM 1 Tx slot	30.30	29.64	29.64	<b>30.50</b>	21.30	20.64	20.64	21.50
GPRS 1 Tx slot	30.32	29.65	29.66	<b>30.50</b>	21.32	20.65	20.66	21.50
GPRS 2 Tx slots	29.57	28.91	28.92	<b>30.00</b>	23.57	22.91	22.92	24.00
GPRS 3 Tx slots	27.78	27.11	27.13	<b>28.00</b>	23.53	22.85	22.87	23.74
GPRS 4 Tx slots	26.71	26.06	26.12	<b>27.00</b>	23.71	23.06	23.12	24.00
EDGE 1 Tx slot	26.47	26.41	26.43	<b>26.50</b>	17.47	17.41	17.43	17.50
EDGE 2 Tx slots	25.47	25.12	25.21	<b>25.50</b>	19.47	19.12	19.21	19.50
EDGE 3 Tx slots	23.13	22.74	22.79	<b>24.00</b>	18.87	18.48	18.53	19.74
EDGE 4 Tx slots	21.57	21.34	21.37	<b>23.00</b>	18.57	18.34	18.37	20.00

Band TX Channel	WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538		4192	4192	4293	
Frequency (MHz)	1852.4	1880	1907.6	4357	4407	4458		
3GPP Rel 99 AMR 12.2Kbps	22.53	22.47	22.67	<b>24.00</b>	22.44	22.47	22.46	<b>24.00</b>
3GPP Rel 99 RMC 12.2Kbps	22.51	22.46	22.58	<b>24.00</b>	22.42	22.45	22.48	<b>24.00</b>
3GPP Rel 6 HSDPA Subtest-1	21.46	21.38	21.37	<b>23.00</b>	21.45	21.48	21.48	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-2	21.38	21.27	21.28	<b>23.00</b>	21.37	21.41	21.36	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-3	20.89	20.73	20.78	<b>22.50</b>	20.94	20.94	20.87	<b>22.50</b>
3GPP Rel 6 HSDPA Subtest-4	20.87	20.78	20.79	<b>22.50</b>	20.87	20.92	20.85	<b>22.50</b>
3GPP Rel 6 DCHSDPA Subtest-1	21.43	21.24	21.37	<b>23.00</b>	21.38	21.42	21.40	<b>23.00</b>
3GPP Rel 6 DCHSDPA Subtest-2	21.30	21.24	21.23	<b>23.00</b>	21.31	21.40	21.28	<b>23.00</b>
3GPP Rel 6 DCHSDPA Subtest-3	20.79	20.65	20.73	<b>22.50</b>	20.86	20.89	20.79	<b>22.50</b>
3GPP Rel 6 DCHSDPA Subtest-4	20.76	20.72	20.74	<b>22.50</b>	20.83	20.90	20.78	<b>22.50</b>
3GPP Rel 6 HSUPA Subtest-1	19.54	19.45	19.46	<b>21.00</b>	19.44	19.47	19.51	<b>21.00</b>
3GPP Rel 6 HSUPA Subtest-2	19.48	19.43	19.45	<b>21.00</b>	19.42	19.42	19.48	<b>21.00</b>
3GPP Rel 6 HSUPA Subtest-3	20.48	20.35	20.28	<b>21.50</b>	20.43	20.49	20.46	<b>21.50</b>
3GPP Rel 6 HSUPA Subtest-4	19.03	19.01	19.00	<b>20.50</b>	19.88	19.94	19.97	<b>20.50</b>
3GPP Rel 6 HSUPA Subtest-5	20.40	20.30	20.40	<b>21.50</b>	20.40	20.40	20.40	<b>21.50</b>
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	19.44	19.26	19.38	<b>21.00</b>	19.41	19.33	19.40	<b>21.00</b>



### 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)				18700	18800	18900		
20	QPSK	1	0	22.25	22.19	22.25		
20	QPSK	1	49	22.35	22.57	22.45	24	0
20	QPSK	1	99	22.04	22.07	22.08		
20	QPSK	50	0	21.32	21.52	21.43		
20	QPSK	50	24	21.44	21.47	21.45		
20	QPSK	50	50	21.39	21.28	21.19	23	1
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	0	20.44	20.32	20.52		
20	16QAM	50	24	20.44	20.39	20.38		
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	19.41	19.40	19.46		
20	64QAM	50	24	19.44	19.45	19.44		
20	64QAM	50	50	19.45	19.37	19.29	21	3
20	64QAM	100	0	19.40	19.39	19.50		
Channel								
Frequency (MHz)				18675	18800	19125		
15	QPSK	1	0	22.22	22.09	22.19		
15	QPSK	1	37	22.27	22.46	22.35	24	0
15	QPSK	1	74	22.03	22.07	22.01		
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	21.88		
15	16QAM	1	37	21.48	21.61	21.48	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	20.23	22	2
15	16QAM	36	39	20.43	20.29	20.25		
15	16QAM	75	0	20.50	20.20	20.30		
15	16QAM	1	0	20.65	20.55	20.55		
15	64QAM	1	37	20.88	20.42	20.83	22	2
15	64QAM	1	74	20.40	20.49	20.49		
15	64QAM	36	0	19.50	19.28	19.39		
15	64QAM	36	20	19.37	19.33	19.40	21	3
15	64QAM	36	39	19.35	19.25	19.26		
15	64QAM	75	0	19.29	19.29	19.45		
Channel								
Frequency (MHz)				18650	18800	19150		
10	QPSK	1	0	22.17	22.10	22.19		
10	QPSK	1	25	22.23	22.55	22.37	24	0
10	QPSK	1	49	22.01	22.08	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	20.28	20.40		
10	64QAM	1	0	20.64	20.60	20.55		
10	64QAM	1	25	20.83	20.47	20.86	22	2
10	64QAM	1	49	20.43	20.54	20.51		
10	64QAM	25	0	19.44	19.29	19.38		
10	64QAM	25	12	19.42	19.35	19.35	21	3
10	64QAM	25	25	19.40	19.38	19.18		
10	64QAM	50	0	19.34	19.36	19.42		
Channel								
Frequency (MHz)				18625	18800	19175		
5	QPSK	1	0	22.21	22.09	22.16		
5	QPSK	1	14	22.02	22.04	22.00	24	0
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	21.18	21.07		
5	QPSK	25	0	21.26	21.43	21.38		
5	16QAM	1	0	21.86	21.76	21.86		
5	16QAM	1	12	21.49	21.62	21.47	23	1
5	16QAM	1	24	21.35	21.64	21.44		
5	16QAM	12	0	20.42	20.20	20.45		
5	16QAM	12	7	20.43	20.34	20.29	22	2
5	16QAM	12	13	20.45	20.32	20.30		
5	16QAM	25	0	20.46	20.30	20.41		
5	64QAM	1	0	20.67	20.58	20.48		
5	64QAM	1	12	20.85	20.46	20.81	22	2
5	64QAM	1	24	20.43	20.46	20.46		
5	64QAM	12	0	19.48	19.29	19.37		
5	64QAM	12	7	19.39	19.35	19.42	21	3
5	64QAM	12	13	19.42	19.34	19.15		
5	64QAM	25	0	19.34	19.35	19.40		
Channel								
Frequency (MHz)				18615	18800	19185		
3	QPSK	1	0	22.22	22.08	22.23		
3	QPSK	1	8	22.28	22.51	22.41	24	0
3	QPSK	1	14	22.02	22.05	22.03		
3	QPSK	8	0	21.28	21.46	21.39		
3	QPSK	8	4	21.39	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	21.96	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	20.28	20.28	22	2
3	16QAM	8	7	20.50	20.30	20.33		
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	22	2
3	64QAM	1	14	20.43	20.44	20.49		
3	64QAM	8	0	19.40	19.32	19.40		
3	64QAM	8	4	19.33	19.37	19.40	21	3
3	64QAM	8	7	19.35	19.33	19.26		
3	64QAM	15	0	19.38	19.37	19.47		
Channel								
Frequency (MHz)				18607	18800	19193		
1.4	QPSK	1	0	22.24	22.13	22.15		
1.4	QPSK	1	3	22.32	22.47	22.33	24	0
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	1	22.26	22.40	22.30		
1.4	QPSK	3	3	22.04	22.05	22.03		
1.4	QPSK	6	0	21.19	21.48	21.43	23	1
1.4	16QAM	1	0	21.96	21.76	21.70		
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	1	21.45	21.57	21.34		
1.4	16QAM	3	3	21.27	21.42	21.29		
1.4	16QAM	6	0	20.42	20.26	20.36	22	2
1.4	64QAM	1	0	20.73	20.65	20.40		
1.4	64QAM	1	3	20.88	20.45	20.85		
1.4	64QAM	1	5	20.41	20.45	20.43		
1.4	64QAM	3	0	20.72	20.81	20.42	22	2
1.4	64QAM	3	1	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 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)				20450	20525	20600		
10	QPSK	1	0	22.32	22.30	22.21		
10	QPSK	1	25	22.61	22.62	22.45	24	0
10	QPSK	1	49	22.37	22.33	22.22		
10	QPSK	25	0	21.40	21.44	21.32		
10	QPSK	25	12	21.41	21.38	21.34	23	1
10	QPSK	25	25	21.37	21.38	21.30		
10	QPSK	50	0	21.41	21.43	21.42		
10	16QAM	1	0	21.38	21.74	21.52		
10	16QAM	1	25	21.67	21.76	21.81	23	1
10	16QAM	1	49	21.55	21.77	21.53		
10	16QAM	25	0	20.36	20.49	20.47		
10	16QAM</							



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			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.28	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				37825	38000	38175	Tune-up limit	MPR	
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)	
15	QPSK	1	0	22.18	22.12	22.09	24	0	
15	QPSK	1	37	22.26	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	21.42	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	MPR	
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)	
10	QPSK	1	0	22.13	22.08	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	21.38	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	MPR	
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)	
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	21.28	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.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670			
Frequency (MHz)				2545	2571	2598			
20	QPSK	1	0	22.22	23.80	23.06	24	0	
20	QPSK	1	49	22.65	23.83	23.09			
20	QPSK	1	99	22.84	23.34	22.72			
20	QPSK	50	0	21.56	22.98	22.20	23	1	
20	QPSK	50	24	21.55	22.96	22.12			
20	QPSK	50	50	21.52	22.74	21.99			
20	QPSK	100	0	21.60	22.89	22.09	23	1	
20	16QAM	1	0	21.57	22.99	22.55			
20	16QAM	1	49	21.81	22.98	22.45			
20	16QAM	1	99	22.55	22.71	22.07	22	2	
20	16QAM	50	0	20.40	21.97	21.24			
20	16QAM	50	24	20.57	21.91	21.20			
20	16QAM	50	50	20.54	21.78	21.04	22	2	
20	64QAM	1	0	20.44	21.96	21.25			
20	64QAM	1	49	20.67	21.96	21.31			
20	64QAM	1	99	21.38	21.57	20.85	22	2	
20	64QAM	50	0	19.39	20.96	20.24			
20	64QAM	50	24	19.59	20.96	20.16			
20	64QAM	50	50	19.26	20.75	19.57	21	3	
20	64QAM	100	0	19.62	20.86	20.22			
Channel				40115	40395	40685			
Frequency (MHz)				2542.5	2570.5	2599.5	(dBm)	(dB)	
15	QPSK	1	0	22.13	23.47	22.65	24	0	
15	QPSK	1	37	22.31	23.47	22.75			
15	QPSK	1	74	22.99	23.11	22.36			
15	QPSK	36	0	21.26	22.59	21.70	23	1	
15	QPSK	36	20	21.48	22.43	21.69			
15	QPSK	36	39	21.83	22.36	21.54			
15	QPSK	75	0	21.51	22.38	21.58	23	1	
15	16QAM	1	0	21.46	22.82	21.78			
15	16QAM	1	37	21.75	22.65	21.86			
15	16QAM	1	74	22.45	22.19	21.58	22	2	
15	16QAM	36	0	20.35	21.55	20.62			
15	16QAM	36	20	20.47	21.39	20.52			
15	16QAM	36	39	20.87	21.30	20.46	22	2	
15	16QAM	75	0	20.59	21.49	20.73			
15	64QAM	1	0	20.32	21.31	20.44			
15	64QAM	1	37	20.54	21.38	20.67	22	2	
15	64QAM	1	74	21.29	20.94	20.23			
15	64QAM	36	0	19.24	20.60	19.67			
15	64QAM	36	20	19.45	20.55	19.64	21	3	
15	64QAM	36	39	19.81	20.31	19.47			
15	64QAM	75	0	19.51	20.53	19.74			
Channel				40090	40385	40690	Tune-up limit	MPR	
Frequency (MHz)				2540	2570	2590	(dBm)	(dB)	
10	QPSK	1	0	22.13	23.47	22.75	24	0	
10	QPSK	1	25	22.35	23.30	22.52			
10	QPSK	1	49	23.09	23.29	22.43			
10	QPSK	25	0	21.19	22.70	21.71	23	1	
10	QPSK	25	12	21.44	22.48	21.84			
10	QPSK	25	25	21.86	22.46	21.95			
10	QPSK	50	0	21.46	22.45	21.62	23	1	
10	16QAM	1	0	21.47	22.57	21.78			
10									



### Reduced Power Mode for Sensor on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	169	251		128	169	251	
TX Channel	128	169	251	Limit	128	169	251	Limit
Frequency (MHz)	252.2	252.4	249.8	(dBm)	224.2	224.4	221.8	(dBm)
GSM 1 Tx slot	31.55	31.68	31.62	<b>32.50</b>	22.55	22.53	22.62	23.50
GPRS 1 Tx slot	31.65	31.78	31.97	<b>32.50</b>	22.65	22.78	22.97	23.50
GPRS 2 Tx slots	30.99	31.12	31.13	<b>31.50</b>	24.99	25.12	25.13	25.50
GPRS 3 Tx slots	29.01	29.33	29.17	<b>30.00</b>	24.75	25.07	24.91	25.74
GPRS 4 Tx slots	28.29	28.30	28.35	<b>29.00</b>	25.29	25.30	25.35	29.00
EDGE 1 Tx slot	26.06	25.90	25.96	<b>27.00</b>	17.06	16.90	16.98	18.00
EDGE 2 Tx slots	24.75	24.64	25.04	<b>25.00</b>	18.75	18.64	19.04	19.50
EDGE 3 Tx slots	22.85	22.76	22.68	<b>23.50</b>	18.67	18.50	18.42	19.24
EDGE 4 Tx slots	21.75	21.66	21.58	<b>22.00</b>	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)
	1850.2	1880	1909.8		1850.2	1880	1909.8	
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	25.67	25.13	25.08	<b>26.00</b>	18.57	16.13	16.08	17.00
GPRS 1 Tx slot	25.47	25.07	25.01	<b>26.00</b>	18.47	16.07	16.01	17.00
GPRS 2 Tx slots	25.07	24.37	24.31	<b>25.50</b>	19.07	18.37	18.31	19.50
GPRS 3 Tx slots	23.37	22.65	22.67	<b>23.50</b>	19.11	18.39	18.41	19.24
GPRS 4 Tx slots	22.40	21.77	21.93	<b>22.50</b>	18.40	18.77	18.93	19.50
EDGE 1 Tx slot	21.88	21.70	21.71	<b>22.00</b>	12.88	12.70	12.71	13.00
EDGE 2 Tx slots	20.86	20.61	20.69	<b>21.00</b>	14.86	14.61	14.69	15.00
EDGE 3 Tx slots	18.60	18.02	18.03	<b>19.50</b>	14.34	13.76	13.77	15.24
EDGE 4 Tx slots	16.82	16.82	16.81	<b>18.50</b>	13.92	13.82	13.61	15.50

  

Band	WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9638		4132	4182	4233	
TX Channel	9262	9400	9638	Limit	4132	4182	4233	Limit
Rx Channel	9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)	1852.2	1880	1907.8		2261.4	2291.4	2318.8	
3GPP Rel 99 RMC 12.2Kbps	14.83	14.80	14.91	<b>16.50</b>	21.32	21.50	21.43	<b>23.00</b>
3GPP Rel 99 RMC 12.2Kbps	14.82	14.91	14.95	<b>16.50</b>	21.32	21.51	21.45	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-1	14.04	13.91	13.78	<b>15.00</b>	20.46	20.59	20.65	<b>22.00</b>
3GPP Rel 6 HSDPA Subtest-2	13.78	13.65	13.79	<b>15.00</b>	20.58	20.53	20.48	<b>22.00</b>
3GPP Rel 6 HSDPA Subtest-3	13.28	13.08	13.09	<b>15.00</b>	20.00	20.10	20.09	<b>21.50</b>
3GPP Rel 6 HSDPA Subtest-4	13.28	13.35	13.33	<b>15.00</b>	20.02	20.14	19.87	<b>21.50</b>
3GPP Rel 6 DC-HSDPA Subtest-1	13.84	13.52	13.91	<b>15.00</b>	20.60	20.70	20.61	<b>22.00</b>
3GPP Rel 6 DC-HSDPA Subtest-2	13.74	13.76	13.67	<b>15.00</b>	20.49	20.37	20.54	<b>22.00</b>
3GPP Rel 6 DC-HSDPA Subtest-3	13.21	12.97	13.09	<b>15.00</b>	19.85	19.88	19.77	<b>21.50</b>
3GPP Rel 6 DC-HSDPA Subtest-4	13.39	12.97	13.00	<b>15.00</b>	20.07	19.84	20.01	<b>21.50</b>
3GPP Rel 6 HSUPA Subtest-1	11.83	12.06	11.87	<b>13.50</b>	18.71	18.58	18.50	<b>20.00</b>
3GPP Rel 6 HSUPA Subtest-2	11.71	11.91	11.95	<b>13.50</b>	18.65	18.65	18.75	<b>20.00</b>
3GPP Rel 6 HSUPA Subtest-3	13.02	12.55	12.60	<b>14.00</b>	19.67	19.69	19.64	<b>20.50</b>
3GPP Rel 6 HSUPA Subtest-4	11.54	11.32	11.28	<b>13.00</b>	18.21	17.93	18.07	<b>19.50</b>
3GPP Rel 6 HSPA+ (FQDM) Subtest-5	12.79	12.80	12.85	<b>14.00</b>	19.33	19.44	19.53	<b>20.50</b>
3GPP Rel 7 HSPA+ (FQDM) Subtest-1	11.67	11.73	11.66	<b>13.50</b>	18.45	18.39	18.33	<b>20.00</b>



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				
20	QPSK	1	49	15.23	15.35	15.31		17	0	
20	QPSK	1	99	15.01	15.06	15.04				
20	QPSK	50	0	14.27	14.33	14.22				
20	QPSK	50	24	14.27	14.16	14.20		16	1	
20	QPSK	50	50	14.27	14.08	14.02				
20	QPSK	100	0	14.14	14.25	14.11				
20	16QAM	1	0	14.32	14.73	14.61				
20	16QAM	1	49	14.50	14.78	14.54		16	1	
20	16QAM	1	99	14.28	14.44	14.65				
20	16QAM	50	0	13.37	13.18	13.31				
20	16QAM	50	24	13.18	13.19	13.29				
20	16QAM	50	50	13.31	13.20	13.21		15	2	
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				
20	64QAM	50	50	12.19	12.25	12.20		14	3	
20	64QAM	100	0	12.27	12.37	12.33				
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.00	15.30	15.03				
15	QPSK	1	37	15.24	15.38	15.28		17	0	
15	QPSK	1	74	15.03	15.02	15.04				
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	14.34	14.34	14.85				
15	16QAM	1	37	14.63	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	16QAM	36	39	13.35	13.42	13.21		15	2	
15	16QAM	75	0	13.61	13.23	13.21				
15	64QAM	1	0	13.67	13.38	13.52				
15	64QAM	1	37	13.67	13.44	13.72		15	2	
15	64QAM	1	74	13.26	13.40	13.51				
15	64QAM	36	0	12.34	12.38	12.55				
15	64QAM	36	20	12.22	12.43	12.55				
15	64QAM	36	39	12.53	12.22	12.16		14	3	
15	64QAM	75	0	12.45	12.21	12.25				
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.17	15.07	15.32				
10	QPSK	1	25	15.28	15.24	15.29		17	0	
10	QPSK	1	49	15.09	15.20	15.22				
10	QPSK	25	0	14.28	14.31	14.22				
10	QPSK	25	12	14.25	14.29	14.26				
10	QPSK	25	25	14.26	14.34	14.08		16	1	
10	QPSK	50	0	14.23	14.38	14.53				
10	16QAM	1	0	14.88	14.74	14.67				
10	16QAM	1	25	14.71	14.73	14.37		16	1	
10	16QAM	1	49	14.48	14.64	14.43				
10	16QAM	25	0	13.15	13.31	13.31				
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	64QAM	25	0	13.35	13.36	13.37				
10	64QAM	25	12	12.42	12.40	12.41		14	3	
10	64QAM	25	25	12.17	12.34	12.33				
10	64QAM	50	0	12.43	12.10	12.43				
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.00	15.06	15.20				
5	QPSK	1	12	15.02	15.17	15.03		17	0	
5	QPSK	1	24	15.02	15.17	15.03				
5	QPSK	12	0	14.32	14.43	14.49				
5	QPSK	12	7	14.49	14.42	14.33				
5	QPSK	12	13	14.35	14.36	14.17		16	1	
5	QPSK	25	0	14.02	14.58	14.25				
5	16QAM	1	0	14.36	14.68	14.68				
5	16QAM	1	12	14.40	14.61	14.28		16	1	
5	16QAM	1	24	14.45	14.56	14.33				
5	16QAM	12	0	13.21	13.36	13.61				
5	16QAM	12	7	13.47	13.12	13.46		15	2	
5	16QAM	12	13	13.47	13.07	13.12				
5	16QAM	25	0	13.27	13.40	13.62				
5	64QAM	1	0	13.29	13.50	13.52				
5	64QAM	1	12	13.79	13.51	13.70		15	2	
5	64QAM	1	24	13.35	13.57	13.47				
5	64QAM	12	0	12.31	12.16	12.31				
5	64QAM	12	7	12.45	12.31	12.56		14	3	
5	64QAM	12	13	12.31	12.30	12.25				
5	64QAM	25	0	12.41	12.19	12.25				
Channel										
Frequency (MHz)										
3	QPSK	1	0	15.09	15.30	15.05				
3	QPSK	1	8	15.15	15.19	15.26		17	0	
3	QPSK	1	14	15.06	15.00	15.07				
3	QPSK	8	0	14.37	14.51	14.20				
3	QPSK	8	4	14.38	14.40	14.28				
3	QPSK	8	7	14.31	14.19	14.13		16	1	
3	QPSK	15	0	14.34	14.31	14.37				
3	16QAM	1	0	14.95	14.80	14.63				
3	16QAM	1	8	14.80	14.48	14.38		16	1	
3	16QAM	1	14	14.51	14.58	14.40				
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	12	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				
3	64QAM	8	7	12.39	12.09	12.17		14	3	
3	64QAM	15	0	12.44	12.45	12.55				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	15.01	15.22	15.09				
1.4	QPSK	1	3	15.25	15.22	15.17		17	0	
1.4	QPSK	1	5	15.19	15.09	15.01				
1.4	QPSK	3	0	15.00	15.13	15.04				
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	14.32	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				
1.4	16QAM	6	0	13.32	13.11	13.35		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	1	13.58	13.33	13.71				
1.4	64QAM	3	3	13.29	13.31	13.49				
1.4	64QAM	6	0	12.19	12.40	12.39		14	3	

Band 5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.					



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			
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	QPSK	50	24	18.71	18.65	18.67	20	1	
20	QPSK	50	50	18.64	18.63	18.61			
20	QPSK	100	0	18.61	18.62	18.56			
20	16QAM	1	0	18.28	18.33	18.74			
20	16QAM	1	49	19.15	19.13	19.09	20	1	
20	16QAM	1	99	18.94	18.91	18.84			
20	16QAM	50	0	17.78	17.72	17.73			
20	16QAM	50	24	17.83	17.81	17.76	19	2	
20	16QAM	50	50	17.74	17.71	17.66			
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			
15	QPSK	36	20	18.70	18.53	18.58	20	1	
15	QPSK	36	39	18.58	18.55	18.55			
15	QPSK	75	0	18.51	18.46	18.43			
15	16QAM	1	0	18.82	18.72	18.65			
15	16QAM	1	37	19.00	19.07	18.94	20	1	
15	16QAM	1	74	18.79	18.83	18.77			
15	16QAM	36	0	17.68	17.69	17.63			
15	16QAM	36	20	17.80	17.70	17.64	19	2	
15	16QAM	36	39	17.61	17.59	17.64			
15	16QAM	75	0	17.67	17.56	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	16.69	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)				2575	2595	2615			
10	QPSK	1	0	19.37	19.24	19.37	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			
10	QPSK	25	12	18.65	18.63	18.63	20	1	
10	QPSK	25	25	18.55	18.54	18.58			
10	QPSK	50	0	18.55	18.53	18.45			
10	16QAM	1	0	18.80	18.81	18.67			
10	16QAM	1	25	19.03	19.01	18.98	20	1	
10	16QAM	1	49	18.91	18.77	18.76			
10	16QAM	25	0	17.65	17.57	17.63			
10	16QAM	25	12	17.82	17.78	17.63	19	2	
10	16QAM	25	25	17.61	17.61	17.51			
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	17.66	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			
5	QPSK	12	7	18.63	18.54	18.53	20	1	
5	QPSK	12	13	18.49	18.46	18.56			
5	QPSK	25	0	18.60	18.61	18.42			
5	16QAM	1	0	18.79	18.75	18.61			
5	16QAM	1	12	19.06	18.99	18.94	20	1	
5	16QAM	1	24	18.82	18.81	18.79			
5	16QAM	12	0	17.72	17.70	17.72			
5	16QAM	12	7	17.81	17.70	17.72	19	2	
5	16QAM	12	13	17.63	17.65	17.58			
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	17.69	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 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	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.30	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	QPSK	50	24	18.52	19.94	19.16	18.70	20	1
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	16QAM	1	0	18.69	19.97	19.50	18.91		
20	16QAM	1	49	18.20	20.38	19.55	19.07	20	1
20	16QAM	1	99	19.56	19.81	19.14	18.83		
20	16QAM	50	0	17.39	18.81	18.27	17.80		
20	16QAM	50	24	17.62	19.00	18.23	17.75	19	2
20	16QAM	50	50	18.00	18.82	18.06	17.60		
20	16QAM	100	0	17.76	18.95	18.10	17.66		
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		
15	QPSK	36	20	18.47	19.79	19.06	18.61	20	1
15	QPSK	36	39	18.45	19.62	18.95	18.46		
15	QPSK	75	0	18.47	19.73	19.01	18.58		
15	16QAM	1	0	18.53	19.62	19.44	18.78		
15	16QAM	1	37	18.83	19.91	19.48	18.96	20	1
15	16QAM	1	74	19.44	19.67	19.08	18.78		
15	16QAM	36	0	17.28	18.84	18.21	17.64		
15	16QAM	36	20	17.57	18.84	18.18	17.67	19	2
15	16QAM	36	39	17.96	18.72	17.96	17.49		
15	16QAM	75	0	17.65	18.99	17.97	17.57		
15	64QAM	1	0	17.42	18.81	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								



### Reduced Power Mode for Hotspot on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	169	261		128	169	261	
TX Channel	824.2	836.4	848.6		824.2	836.4	848.6	
Frequency (MHz)	824.2	836.4	848.6	32.00	22.55	22.88	22.62	23.50
GSM 1 Tx slot	31.55	31.88	31.62	32.00	22.65	22.78	22.97	23.50
GPRS 1 Tx slot	31.65	31.76	31.87	31.80	24.99	25.12	25.13	25.50
GPRS 2 Tx slots	30.99	31.12	31.13	31.80	24.75	25.07	24.91	25.74
GPRS 3 Tx slots	29.01	29.33	29.17	30.00	25.29	25.38	25.35	26.00
GPRS 4 Tx slots	28.29	28.39	28.35	29.00	17.98	18.90	18.98	19.00
EDGE 1 Tx slot	26.08	25.90	25.96	27.00	18.75	18.84	19.04	19.50
EDGE 2 Tx slots	24.75	24.64	25.04	25.80	18.67	18.50	18.42	19.24
EDGE 3 Tx slots	22.93	22.76	22.68	23.80	18.75	18.66	18.58	19.00
EDGE 4 Tx slots	21.75	21.66	21.58	22.90				

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	1852.2	1880	1907.8		1852.2	1880	1907.8	
Frequency (MHz)	1852.2	1880	1907.8	25.00	15.67	15.00	15.21	16.00
GSM 1 Tx slot	24.67	24.00	24.21	25.00	15.80	15.07	15.22	16.00
GPRS 1 Tx slot	24.60	24.07	24.22	24.90	18.41	17.77	17.97	18.50
GPRS 2 Tx slots	24.45	23.77	23.97	24.90	18.19	17.50	17.71	18.24
GPRS 3 Tx slots	22.45	21.76	21.97	22.80	17.34	17.95	18.50	
GPRS 4 Tx slots	21.41	20.74	20.95	21.50	11.88	11.81	11.85	12.00
EDGE 1 Tx slot	20.88	20.81	20.95	21.00	13.90	13.49	13.76	14.00
EDGE 2 Tx slots	19.90	19.49	19.76	20.00	13.29	12.83	13.15	14.24
EDGE 3 Tx slots	17.55	17.19	17.41	18.80	12.97	12.97	12.97	14.50
EDGE 4 Tx slots	15.98	15.79	15.97	17.50				

Band	WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538		4192	4182	4233	
TX Channel	9662 <td>9800 <td>9938</td> <td></td> <td>4357 <td>4407 <td>4458</td> <td></td> </td></td></td>	9800 <td>9938</td> <td></td> <td>4357 <td>4407 <td>4458</td> <td></td> </td></td>	9938		4357 <td>4407 <td>4458</td> <td></td> </td>	4407 <td>4458</td> <td></td>	4458	
Rx Channel	9662 <td>9800 <td>9938</td> <td></td> <td>4357 <td>4407 <td>4458</td> <td></td> </td></td></td>	9800 <td>9938</td> <td></td> <td>4357 <td>4407 <td>4458</td> <td></td> </td></td>	9938		4357 <td>4407 <td>4458</td> <td></td> </td>	4407 <td>4458</td> <td></td>	4458	
Frequency (MHz)	1852.4	1880	1907.8	18.00	826.4	838.4	846.6	23.00
3GPP Rel 99 AMR 12.2kops	14.52	14.51	14.54	18.00	21.32	21.50	21.43	23.00
3GPP Rel 99 RMC 12.2kops	14.53	14.52	14.57	18.00	21.32	21.51	21.45	23.00
3GPP Rel 6 HSDPA Subtest-1	13.81	13.81	13.78	18.00	20.48	20.59	20.65	22.00
3GPP Rel 6 HSDPA Subtest-2	13.82	13.76	13.84	18.00	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	18.00	20.60	20.70	20.61	22.00
3GPP Rel 6 DC-HSDPA Subtest-2	13.88	13.62	13.89	18.00	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	20.90
3GPP Rel 6 HSUPA Subtest-2	11.93	11.84	11.85	13.00	18.69	18.65	18.75	20.90
3GPP Rel 6 HSUPA Subtest-3	12.86	12.76	12.76	13.00	18.67	18.69	18.64	20.90
3GPP Rel 6 HSUPA Subtest-4	11.46	11.45	11.49	12.50	18.21	17.93	18.07	19.90
3GPP Rel 6 HSUPA Subtest-5	12.82	12.69	12.79	13.50	19.33	19.44	19.53	20.90
3GPP Rel 7 HSPA+ (TQAM) Subtest-1	11.87	11.81	11.87	13.00	18.49	18.39	18.33	20.90



### 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		
20	QPSK	1	49	14.57	14.62	14.51	16	0
20	QPSK	1	99	14.21	14.13	14.25		
20	QPSK	50	0	13.51	13.52	13.46		
20	QPSK	50	24	13.60	13.45	13.47	15	1
20	QPSK	50	50	13.30	13.37	13.32		
20	QPSK	100	0	13.32	13.51	13.44		
20	16QAM	1	0	13.35	13.61	13.48		
20	16QAM	1	49	13.42	13.85	13.57	15	1
20	16QAM	1	99	13.41	13.64	13.38		
20	16QAM	50	0	12.66	12.41	12.56		
20	16QAM	50	24	12.58	12.47	12.50	14	2
20	16QAM	50	50	12.48	12.44	12.45		
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		
15	QPSK	1	37	14.51	14.56	14.48	16	0
15	QPSK	1	74	14.17	14.13	14.17		
15	QPSK	36	0	13.45	13.44	13.41		
15	QPSK	36	20	13.37	13.44	13.48	15	1
15	QPSK	36	39	13.40	13.28	13.27		
15	QPSK	75	0	13.26	13.46	13.36		
15	16QAM	1	0	13.33	13.82	13.40		
15	16QAM	1	37	13.39	13.75	13.51	15	1
15	16QAM	1	74	13.37	13.62	13.30		
15	16QAM	36	0	12.60	12.37	12.53		
15	16QAM	36	20	12.59	12.42	12.39	14	2
15	16QAM	36	39	12.40	12.37	12.41		
15	16QAM	75	0	12.41	12.43	12.49		
15	16QAM	1	1	12.55	12.34	12.67	14	2
15	64QAM	1	37	12.78	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		
10	QPSK	1	25	14.50	14.59	14.45	16	0
10	QPSK	1	49	14.20	14.10	14.19		
10	QPSK	25	0	13.43	13.49	13.39		
10	QPSK	25	12	13.35	13.39	13.48	15	1
10	QPSK	25	25	13.46	13.19	13.30		
10	QPSK	50	0	13.29	13.49	13.33		
10	16QAM	1	0	13.33	13.53	13.40		
10	16QAM	1	25	13.41	13.78	13.53	15	1
10	16QAM	1	49	13.39	13.60	13.32		
10	16QAM	25	0	12.89	12.35	12.46		
10	16QAM	25	12	12.55	12.37	12.47	14	2
10	16QAM	25	25	12.43	12.37	12.37		
10	16QAM	50	0	12.46	12.40	12.42		
10	64QAM	1	0	12.57	12.33	12.70	14	2
10	64QAM	1	25	12.77	12.52	12.65		
10	64QAM	1	49	12.50	12.23	12.20		
10	64QAM	25	0	11.55	11.29	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		
5	QPSK	1	12	14.56	14.56	14.45	16	0
5	QPSK	1	24	14.18	14.14	14.24		
5	QPSK	12	0	13.52	13.46	13.37		
5	QPSK	12	7	13.37	13.40	13.41	15	1
5	QPSK	12	13	13.47	13.27	13.29		
5	QPSK	25	0	13.32	13.48	13.40		
5	16QAM	1	0	13.33	13.39	13.48		
5	16QAM	1	12	13.35	13.75	13.50	15	1
5	16QAM	1	24	13.39	13.61	13.32		
5	16QAM	12	0	12.58	12.36	12.50		
5	16QAM	12	7	12.50	12.45	12.47	14	2
5	16QAM	12	13	12.41	12.35	12.39		
5	16QAM	25	0	12.43	12.42	12.45		
5	64QAM	1	1	12.56	12.39	12.62	14	2
5	64QAM	1	12	12.70	12.50	12.62		
5	64QAM	1	24	12.44	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		
3	QPSK	1	8	14.52	14.57	14.46	16	0
3	QPSK	1	14	14.15	14.08	14.25		
3	QPSK	8	0	13.45	13.48	13.38		
3	QPSK	8	4	13.32	13.41	13.46	15	1
3	QPSK	8	7	13.46	13.25	13.27		
3	QPSK	15	0	13.24	13.47	13.42		
3	16QAM	1	0	13.29	13.56	13.38		
3	16QAM	1	8	13.37	13.79	13.55	15	1
3	16QAM	1	14	13.29	13.60	13.31		
3	16QAM	8	0	12.63	12.34	12.53		
3	16QAM	8	4	12.46	12.37	12.46	14	2
3	16QAM	8	7	12.43	12.35	12.38		
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	11.56	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	11.48	11.44		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	14.35	14.21	14.26		
1.4	QPSK	1	3	14.53	14.51	14.45	16	0
1.4	QPSK	1	5	14.14	14.19	14.11		
1.4	QPSK	3	0	14.30	14.13	14.25		
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		
1.4	16QAM	3	0	13.27	13.42	13.42	15	1
1.4	16QAM	3	1	13.30	13.71	13.71		
1.4	16QAM	3	3	13.25	13.45	13.31		
1.4	16QAM	6	0	12.41	12.39	12.46	14	2
1.4	64QAM	1	0	12.59	12.34	12.64		
1.4	64QAM	1	3	12.56	12.45	12.57		
1.4	64QAM	1	5	12.29	12.16	12.44	14	2
1.4	64QAM	3	0	12.51	12.32	12.55		
1.4	64QAM	3	1	12.45	12.40	12.51		
1.4	64QAM	3	3	12.24	12.08	12.38		
1.4	64QAM	6	0	11.52	11.44	11.45	13	3

### 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)								
10	QPSK	1	0	22.32	22.30	22.21		
10	QPSK	1	25	22.61	22.62	22.45	24	0
10	QPSK	1	49	22.37	22.33	22.22		
10	QPSK	25	0	21.40	21.44	21.32		
10	QPSK	25	12	21.41	21.38	21.34	23	1
10	QPSK	25	25	21.37	21.38	21.30		
10	QPSK	50	0	21.41	21.43	21.42		
10	16QAM	1	0	21.38	21.74	21.52		
10	16QAM	1	25	21.67	21.76	21.81	23	1
10	16QAM	1	49	21.55	21.77	21.53		
10	16QAM	25	0	20.36	20.49	20.47		
10	16QAM	25	12	20.48	20.48	20.35	22	2
10	16QAM	25	25	20.40	20.40	20.16		
10	16QAM	50	0	20.42	20.48			





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			
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	QPSK	50	24	18.71	18.65	18.67	20	1	
20	QPSK	50	50	18.64	18.63	18.61			
20	QPSK	100	0	18.61	18.62	18.56			
20	16QAM	1	0	18.28	18.33	18.74			
20	16QAM	1	49	19.15	19.13	19.09	20	1	
20	16QAM	1	99	18.94	18.91	18.84			
20	16QAM	50	0	17.78	17.72	17.73			
20	16QAM	50	24	17.83	17.81	17.76	19	2	
20	16QAM	50	50	17.74	17.71	17.66			
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			
15	QPSK	36	20	18.70	18.53	18.58	20	1	
15	QPSK	36	39	18.58	18.55	18.55			
15	QPSK	75	0	18.51	18.46	18.43			
15	16QAM	1	0	18.82	18.72	18.65	20	1	
15	16QAM	1	37	19.00	19.07	18.94			
15	16QAM	1	74	18.79	18.83	18.77			
15	16QAM	36	0	17.68	17.69	17.63	19	2	
15	16QAM	36	20	17.80	17.70	17.64			
15	16QAM	36	39	17.61	17.59	17.64			
15	16QAM	75	0	17.67	17.56	17.62	19	2	
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	16.69	16.65	16.68	18	3	
15	64QAM	36	20	16.80	16.67	16.73			
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)				2575	2595	2615			
10	QPSK	1	0	19.37	19.24	19.37	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			
10	QPSK	25	12	18.65	18.63	18.63	20	1	
10	QPSK	25	25	18.55	18.54	18.58			
10	QPSK	50	0	18.55	18.53	18.45			
10	16QAM	1	0	18.80	18.81	18.67	20	1	
10	16QAM	1	25	19.03	19.01	18.98			
10	16QAM	1	49	18.91	18.77	18.76			
10	16QAM	25	0	17.65	17.57	17.63	19	2	
10	16QAM	25	12	17.82	17.78	17.63			
10	16QAM	25	25	17.61	17.61	17.51			
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	17.66	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	2615			
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			
5	QPSK	12	7	18.63	18.54	18.53	20	1	
5	QPSK	12	13	18.49	18.46	18.56			
5	QPSK	25	0	18.60	18.61	18.42			
5	16QAM	1	0	18.79	18.75	18.61			
5	16QAM	1	12	19.06	18.99	18.94	20	1	
5	16QAM	1	24	18.82	18.81	18.79			
5	16QAM	12	0	17.72	17.70	17.72	19	2	
5	16QAM	12	7	17.81	17.70	17.72			
5	16QAM	12	13	17.63	17.65	17.58			
5	16QAM	25	0	17.68	17.56	17.60			
5	64QAM	1	0	17.64	17.49	17.46	19	2	
5	64QAM	1	12	17.84	17.79	17.69			
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 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	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.30	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	QPSK	50	24	18.52	19.94	19.16	18.70	20	1
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	16QAM	1	0	18.69	19.97	19.50	18.91	20	1
20	16QAM	1	49	18.20	20.38	19.55	19.07		
20	16QAM	1	99	19.56	19.81	19.14	18.83		
20	16QAM	50	0	17.39	18.81	18.27	17.80		
20	16QAM	50	24	17.62	19.00	18.23	17.75	19	2
20	16QAM	50	50	18.00	18.82	18.06	17.60		
20	16QAM	100	0	17.76	18.95	18.10	17.66		
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	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		
15	QPSK	36	20	18.47	19.79	19.06	18.61	20	1
15	QPSK	36	39	18.45	19.62	18.95	18.46		
15	QPSK	75	0	18.47	19.73	19.01	18.58		
15	16QAM	1	0	18.53	19.62	19.44	18.78		
15	16QAM	1	37	18.83	19.91	19.48	18.96	20	1
15	16QAM	1	74	19.44	19.67	19.08	18.78		
15	16QAM	36	0	17.28	18.84	18.21	17.64	19	2
15	16QAM	36	20	17.57	18.84	18.18	17.67		
15	16QAM	36	39	17.96	18.72	17.96	17.49		
15	16QAM	75	0	17.65	18.99	17.97	17.57	19	2
15	64QAM	1	0	17.42	18.81	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	64								



## Reduced Power Mode for Handheld on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	150	189	251		120	150	251	
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	32.81	32.94	32.86	<b>33.50</b>	23.81	23.94	23.86	24.50
GPRS 1 Tx slots	32.82	32.95	32.88	<b>33.50</b>	23.82	23.95	23.88	24.50
GPRS 2 Tx slots	32.03	32.17	32.11	<b>32.50</b>	26.03	26.17	26.11	26.50
GPRS 3 Tx slots	30.27	30.38	30.32	<b>31.00</b>	26.01	26.12	26.06	26.74
GPRS 4 Tx slots	29.10	29.25	29.23	<b>30.00</b>	26.10	<b>26.25</b>	26.23	27.00
EDGE 1 Tx slot	27.10	27.03	26.95	<b>28.00</b>	18.10	18.03	17.95	19.00
EDGE 2 Tx slots	25.94	25.89	26.04	<b>26.50</b>	19.94	19.89	20.04	20.50
EDGE 3 Tx slots	23.97	23.80	23.88	<b>24.50</b>	19.71	19.54	19.62	20.24
EDGE 4 Tx slots	22.71	22.68	22.62	<b>23.00</b>	19.71	19.68	19.62	20.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		1850.2	1900	1909.8	
TX Channel	1850.2	1860	1909.8	1850.2	1900	1909.8		
Frequency (MHz)	1850.2	1860	1909.8	1850.2	1900	1909.8		
GSM 1 Tx slot	29.79	29.00	29.03	<b>30.00</b>	20.79	20.00	20.03	21.00
GPRS 1 Tx slot	29.71	29.05	29.09	<b>30.00</b>	20.71	20.05	20.09	21.00
GPRS 2 Tx slots	28.97	28.39	28.35	<b>29.50</b>	22.97	22.39	22.35	23.50
GPRS 3 Tx slots	27.22	26.51	26.53	<b>27.50</b>	22.96	22.25	22.27	23.24
GPRS 4 Tx slots	26.26	26.66	25.94	<b>26.50</b>	23.26	22.66	22.94	23.50
EDGE 1 Tx slot	25.84	25.78	25.92	<b>26.00</b>	18.84	18.78	18.92	17.00
EDGE 2 Tx slots	24.87	24.52	24.70	<b>25.00</b>	18.87	18.52	18.70	19.00
EDGE 3 Tx slots	22.58	22.16	22.26	<b>23.50</b>	18.30	17.90	18.00	19.24
EDGE 4 Tx slots	21.01	20.71	20.76	<b>22.50</b>	18.01	17.71	17.76	18.50

Band	WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9002	9400	9538		4132	4162	4233	
TX Channel	9002	9400	9538	4132	4407	4456		
Frequency (MHz)	1852.4	1860	1907.6	826.4	836.4	846.6		
3GPP Rel 99 AMR 12.2kSps	18.82	18.72	18.75	<b>20.50</b>	22.44	22.47	22.46	24.00
3GPP Rel 99 RMC 12.2kSps	18.83	18.88	18.89	<b>20.50</b>	22.42	22.49	22.48	24.00
3GPP Rel 6 HSDPA Subtest-1	17.94	17.71	17.77	<b>19.50</b>	21.45	21.49	21.48	23.00
3GPP Rel 6 HSDPA Subtest-2	17.71	17.60	17.71	<b>19.50</b>	21.37	21.41	21.38	23.00
3GPP Rel 6 HSDPA Subtest-3	17.32	17.10	17.18	<b>19.00</b>	20.94	20.94	20.87	22.50
3GPP Rel 6 HSDPA Subtest-4	17.17	17.09	17.19	<b>19.00</b>	20.87	20.92	20.85	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	17.81	17.54	17.81	<b>19.50</b>	21.38	21.42	21.40	23.00
3GPP Rel 6 DC-HSDPA Subtest-2	17.84	17.56	17.59	<b>19.50</b>	21.31	21.40	21.28	23.00
3GPP Rel 6 DC-HSDPA Subtest-3	17.18	17.09	17.15	<b>19.00</b>	20.86	20.89	20.79	22.50
3GPP Rel 6 DC-HSDPA Subtest-4	17.06	17.13	17.05	<b>19.00</b>	20.83	20.90	20.78	22.50
3GPP Rel 6 HSUPA Subtest-1	15.84	15.82	15.79	<b>17.50</b>	19.44	19.47	19.51	21.00
3GPP Rel 6 HSUPA Subtest-2	15.87	15.81	15.87	<b>17.50</b>	19.42	19.42	19.48	21.00
3GPP Rel 6 HSUPA Subtest-3	16.80	16.71	16.58	<b>19.00</b>	20.43	20.49	20.46	21.50
3GPP Rel 6 HSUPA Subtest-4	15.35	15.32	15.40	<b>17.00</b>	18.89	18.94	18.97	20.50
3GPP Rel 6 HSUPA Subtest-5	16.73	16.63	16.84	<b>18.00</b>	20.40	20.40	20.40	21.50
3GPP Rel 7 HSUPA+ (HQAM) Subtest-1	15.88	15.72	15.75	<b>17.50</b>	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	18.57	18.36	18.38				
20	QPSK	50	50	18.57	18.36	18.38				
20	QPSK	100	0	18.45	18.59	18.53				
20	16QAM	1	0	19.01	18.95	18.93	20	1		
20	16QAM	1	49	18.98	18.94	18.84				
20	16QAM	1	99	18.86	18.53	18.54				
20	16QAM	50	0	17.51	17.38	17.53	19	2		
20	16QAM	50	24	17.56	17.41	17.55				
20	16QAM	50	50	17.56	17.34	17.38				
20	16QAM	100	0	17.62	17.41	17.49				
20	64QAM	1	0	17.58	17.72	17.68	19	2		
20	64QAM	1	49	18.01	17.80	17.79				
20	64QAM	1	99	17.60	17.64	17.61				
20	64QAM	50	0	18.00	18.36	18.59	18	3		
20	64QAM	50	24	18.65	18.51	18.48				
20	64QAM	50	50	18.47	18.36	18.26				
20	64QAM	100	0	18.51	18.46	18.45				
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.32	19.33	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				
15	16QAM	1	0	19.05	19.01	18.98	20	1		
15	16QAM	1	37	18.92	18.84	18.83				
15	16QAM	1	74	18.81	18.53	18.51				
15	16QAM	36	0	17.39	17.29	17.49	19	2		
15	16QAM	36	20	17.53	17.37	17.46				
15	16QAM	36	39	17.53	17.25	17.34				
15	16QAM	75	0	17.57	17.37	17.47				
15	64QAM	1	0	17.49	17.66	17.64	19	2		
15	64QAM	1	37	17.95	17.74	17.73				
15	64QAM	1	74	17.49	17.61	17.60				
15	64QAM	36	0	18.48	18.31	18.57	18	3		
15	64QAM	36	20	18.55	18.42	18.40				
15	64QAM	36	39	18.41	18.32	18.26				
15	64QAM	75	0	18.42	18.43	18.42				
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	18.50	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				
10	16QAM	25	0	17.52	17.36	17.40	19	2		
10	16QAM	25	12	17.49	17.36	17.46				
10	16QAM	25	25	17.52	17.25	17.33				
10	16QAM	50	0	17.56	17.31	17.45	19	2		
10	64QAM	1	0	17.48	17.68	17.66				
10	64QAM	1	25	17.95	17.74	17.70				
10	64QAM	1	49	17.52	17.38	17.57	18	3		
10	64QAM	25	0	18.49	18.21	18.58				
10	64QAM	25	12	18.59	18.41	18.41				
10	64QAM	25	25	18.39	18.31	18.22				
10	64QAM	50	0	18.44	18.39	18.38				
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.37	19.31	19.15	21	0		
5	QPSK	1	12	19.22	19.10	19.11				
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				
5	16QAM	1	0	19.36	19.37	19.20	20	1		
5	16QAM	1	12	18.94	18.94	18.83				
5	16QAM	1	24	18.80	18.51	18.54				
5	16QAM	12	0	17.52	17.29	17.47	19	2		
5	16QAM	12	7	17.51	17.33	17.46				
5	16QAM	12	13	17.50	17.27	17.32				
5	16QAM	25	0	17.51	17.36	17.40				
5	64QAM	1	0	17.49	17.69	17.69	19	2		
5	64QAM	1	12	17.97	17.75	17.74				
5	64QAM	1	24	17.57	17.60	17.59				
5	64QAM	12	0	18.53	18.28	18.57	18	3		
5	64QAM	12	7	18.64	18.42	18.39				
5	64QAM	12	13	18.46	18.23	18.40				
5	64QAM	25	0	18.47	18.41	18.40				
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				
3	16QAM	1	0	18.92	18.90	18.88	20	1		
3	16QAM	1	8	18.91	18.86	18.74				
3	16QAM	1	14	18.78	18.48	18.52				
3	16QAM	8	0	17.43	17.35	17.45	19	2		
3	16QAM	8	4	17.54	17.37	17.53				
3	16QAM	8	7	17.55	17.32	17.28				
3	16QAM	15	0	17.55	17.36	17.46				
3	64QAM	1	0	17.52	17.65	17.63	19	2		
3	64QAM	1	8	18.00	17.72	17.72				
3	64QAM	1	14	17.53	17.62	17.60				
3	64QAM	8	0	18.46	18.30	18.49	18	3		
3	64QAM	8	4	18.58	18.41	18.49				
3	64QAM	8	7	18.36	18.30	18.18				
3	64QAM	15	0	18.47	18.41	18.45				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	19.24	19.35	19.20	21	0		
1.4	QPSK	1	3	19.20	19.25	19.47				
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				
1.4	16QAM	1	0	19.31	19.80	19.81	20	1		
1.4	16QAM	1	3	19.11	18.79	18.69				
1.4	16QAM	1	5	18.73	18.75	18.64				
1.4	16QAM	3	0	18.97	18.75	18.90	19	2		
1.4	16QAM	3	1	19.01	18.74	18.65				
1.4	16QAM	3	3	18.68	18.66	18.61				
1.4	16QAM	6	0	17.81	17.26	17.47	19	2		
1.4	64QAM	1	0	17.29	17.70	17.64				
1.4	64QAM	1	3	17.69	17.77	17.67				
1.4	64QAM	1	5	17.34	17.62	17.60	19	2		
1.4	64QAM	3	0	17.25	17.70	17.59				
1.4	64QAM	3	1	17.65	17.70	17.67				
1.4	64QAM	3	3	17.34	17.55	17.54				
1.4	64QAM	6	0	18.44	18.41	18.37	18	3		

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)										
10	QPSK	1	0	22.32	22.30	22.21	24	0		
10	QPSK	1	25	22.61	22.62					



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			
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	18.28	18.33	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	18.46	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	17.56	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	16.69	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)				2575	2595	2615			
10	QPSK	1	0	19.37	19.24	19.37	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	17.66	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	18.46	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	17.69	19	2	
5	64QAM	1	24	17.80	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 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	19.27	20.88	20.08	19.49	21	0
20	QPSK	1	49	19.60	20.30	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	18.20	20.38	19.55	19.07		
20	16QAM	1	99	19.56	19.81	19.14	18.83	19	2
20	16QAM	50	0	17.39	18.81	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	17.66		
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	19.79	19.06	18.61		
15	QPSK	36	39	18.45	19.62	18.95	18.46		
15	QPSK	75	0	18.47	19.73	19.01	18.58	20	1
15	16QAM	1	0	18.53	19.62	19.44	18.78		
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	17.28	18.84	18.21	17.64		
15	16QAM	36	20	17.57	18.84	18.18	17.67		
15	16QAM	36	39	17.96	18.72	17.96	17.49	19	2
15	16QAM	75	0	17.65	18.99	17.97	17.57		
15	64QAM	1	0	17.42	18.81	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	17.65	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	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.37	19.27	19.32	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	19.38		
10	QPSK	25	0	18.38	19.86	19.1			



### Downlink CA Power

2CC		PCC											Power		
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	
	CA_7A-7A	Band 7	20M	2560	21350	QPSK	1	49	Band 7	5M	2622.5	2775	22.97	22.93	
Intra-Band	Non-Contiguous	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 State>

2.4GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MIB (Mobile Internet) Power Table	Duty Cycle %	
Mode	Channel	Frequency (MHz)	Avt 4		Avt 4		Avt 4		
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)
802.11b 1Mbps	1	2412	18.2	20.0	17.4	19.0	20.0	20.0	99.31
	6	2437	18.18	20.0	17.39	19.0	18.18	20.0	
	11	2462	18.31	20.0	17.46	19.0	18.31	20.0	
	1	2412	13.68	15.0	13.68	15.0	13.68	15.0	
	6	2437	18.24	20.0	18.24	20.0	18.24	20.0	
	11	2462	18.34	20.0	18.34	20.0	18.34	20.0	
802.11g 6Mbps	2	2417	18.72	20.0	17.48	19.0	18.72	20.0	96.97
	6	2437	18.24	20.0	18.24	20.0	18.24	20.0	
	11	2462	18.34	20.0	18.34	20.0	18.34	20.0	
	1	2412	12.66	14.0	12.66	14.0	12.66	14.0	
	2	2417	17.03	19.0	17.23	19.0	17.03	19.0	
	6	2437	18.52	20.0	18.52	20.0	18.52	20.0	
802.11n-HT20 MCS0	1	2412	15.34	17.0	15.34	17.0	15.34	17.0	96.77
	6	2437	15.05	16.50	15.05	16.50	15.05	16.50	
	11	2462	15.54	17.00	15.54	17.00	15.54	17.00	
	1	2412	14.52	16.00	14.52	16.00	14.52	16.00	
	6	2437	14.52	16.00	14.52	16.00	14.52	16.00	
	9	2452	13.22	15.00	13.22	15.00	13.22	15.00	

<WLAN 5GHz\_FCC State>

5.2GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MIB (Mobile Internet) Power Table	Duty Cycle %	
Mode	Channel	Frequency (MHz)	Avt 4		Avt 4		Avt 4		
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)
802.11a 6Mbps	36	5180	17.37	19.00	17.82	19.50	18.52	19.50	96.97
	40	5200	17.75	19.50	17.75	19.50	18.53	19.50	
	44	5220	17.81	19.50	17.81	19.50	18.54	19.50	
	48	5240	17.88	19.50	17.88	19.50	18.58	19.50	
	36	5180	16.06	17.50	16.06	17.50	16.06	17.50	
	40	5200	17.60	19.00	17.60	19.00	18.51	19.00	
802.11n-HT20 MCS0	44	5220	17.74	19.50	17.74	19.50	18.50	19.50	96.77
	48	5240	17.72	19.50	17.72	19.50	18.52	19.50	
	36	5180	16.61	18.50	16.61	18.50	16.61	18.50	
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
	44	5220	17.79	19.50	17.79	19.50	18.55	19.50	
	48	5240	17.81	19.50	17.81	19.50	18.59	19.50	
802.11ac-VHT20 MCS0	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	93.73
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
	44	5220	17.79	19.50	17.79	19.50	18.55	19.50	
	48	5240	17.81	19.50	17.81	19.50	18.59	19.50	
	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
802.11ac-VHT40 MCS0	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	93.75
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
	44	5220	17.79	19.50	17.79	19.50	18.55	19.50	
	48	5240	17.81	19.50	17.81	19.50	18.59	19.50	
	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
802.11ac-VHT80 MCS0	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	88.23
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	
	44	5220	17.79	19.50	17.79	19.50	18.55	19.50	
	48	5240	17.81	19.50	17.81	19.50	18.59	19.50	
	36	5180	16.63	18.50	16.63	18.50	16.63	18.50	
	40	5200	17.65	19.00	17.65	19.00	18.53	19.00	

<WLAN 5GHz WLAN>

5.3GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	Duty Cycle %		
Mode	Channel	Frequency (MHz)	Avt 4		Avt 4			Avt 4	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)
802.11a 6Mbps	62	5260	17.43	19.50	17.80	19.50	18.50	19.50	96.97
	56	5280	18.00	19.50	18.00	19.50	18.50	19.50	
	60	5300	17.85	19.50	17.95	19.50	18.55	19.50	
	64	5320	17.87	19.50	17.97	19.50	18.54	19.50	
	52	5260	17.82	19.50	17.82	19.50	18.56	19.50	
	56	5280	17.79	19.50	17.79	19.50	18.54	19.50	
802.11n-HT20 MCS0	60	5300	17.83	19.50	17.83	19.50	18.57	19.50	96.77
	64	5320	17.80	19.50	17.80	19.50	18.56	19.50	
	54	5300	16.69	18.50	16.69	18.50	16.69	18.50	
	62	5310	16.17	18.00	16.17	18.00	16.17	18.00	
	52	5280	17.85	19.50	17.85	19.50	18.59	19.50	
	56	5290	17.83	19.50	17.83	19.50	18.58	19.50	
802.11ac-VHT20 MCS0	56	5280	17.83	19.50	17.83	19.50	18.58	19.50	96.79
	60	5300	17.87	19.50	17.87	19.50	18.59	19.50	
	64	5320	17.85	19.50	17.85	19.50	18.59	19.50	
	54	5310	16.23	18.00	16.23	18.00	16.23	18.00	
	52	5290	16.23	18.00	16.23	18.00	16.23	18.00	
	58	5290	14.79	16.00	14.79	16.00	14.79	16.00	

<WLAN 5GHz WLAN>

5.5GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	Duty Cycle %		
Mode	Channel	Frequency (MHz)	Avt 4		Avt 4			Avt 4	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)
802.11a 6Mbps	100	5600	17.94	19.50	17.26	19.00	14.51	16.50	96.97
	116	5680	17.82	19.50	17.08	19.00	14.56	16.50	
	124	5680	17.79	19.50	17.02	19.00	14.54	16.50	
	132	5680	17.75	19.50	17.03	19.00	14.59	16.50	
	140	5700	17.78	19.50	17.09	19.00	14.51	16.50	
	148	5720	17.81	19.50	17.01	19.00	14.52	16.50	
802.11n-HT20 MCS0	100	5600	17.82	19.50	17.05	19.00	14.50	16.50	96.77
	116	5680	17.74	19.50	17.03	19.00	14.52	16.50	
	124	5680	17.65	19.50	17.02	19.00	14.59	16.50	
	132	5680	17.59	19.50	17.03	19.00	14.51	16.50	
	144	5720	17.65	19.50	17.03	19.00	14.51	16.50	
	102	5610	16.73	18.50	16.73	18.50	14.57	16.50	
802.11n-HT40 MCS0	110	5660	16.70	18.00	16.70	18.50	14.51	16.50	93.73
	126	5630	16.76	18.50	16.76	18.50	14.52	16.50	
	134	5670	16.50	18.50	16.50	18.50	14.53	16.50	
	142	5710	16.59	18.50	16.59	18.50	14.58	16.50	
	100	5600	17.90	19.50	17.03	19.00	14.54	16.50	
	116	5680	17.76	19.50	17.08	19.00	14.57	16.50	
802.11ac-VHT20 MCS0	116	5680	17.76	19.50	17.08	19.00	14.57	16.50	96.79
	124	5680	17.72	19.50	17.03	19.00	14.52	16.50	
	132	5680	17.62	19.50	17.08	19.00	14.58	16.50	
	140	5700	16.28	18.00	16.28	18.00	14.52	16.50	
	144	5720	17.73	19.50	17.02	19.00	14.53	16.50	
	102	5610	16.75	18.50	16.75	18.50	14.58	16.50	
802.11ac-VHT40 MCS0	110	5660	16.72	18.00	16.72	18.50	14.54	16.50	93.75
	126	5630	16.79	18.50	16.79	18.50	14.54	16.50	
	134	5670	16.53	18.50	16.53	18.50	14.59	16.50	
	142	5710	16.62	18.50	16.62	18.50	14.54	16.50	
	106	5630	15.56	17.00	15.56	17.00	14.61	16.50	
	102	5610	16.09	17.50	16.09	17.50	14.52	16.50	
802.11ac-VHT80 MCS0	118	5690	16.08	17.50	16.08	17.50	14.51	16.50	88.23

<WLAN 5GHz WLAN>

5.8GHz WLAN			Default Power Table	AI-Head power	AI-Body-Worn power table	AI-Extremity power table	AI-MIB (Mobile Internet) Power Table	Duty Cycle %	
Mode	Channel	Frequency (MHz)	Avt 4		Avt 4		Avt 4		
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)
802.11a 6Mbps	149	5745	18.15	19.50	18.15	19.50	13.38	15.00	96.97
	157	5785	18.20	19.50	18.20	19.50	13.48	15.00	
	165	5825	18.14	19.50	18.14	19.50	13.44	15.00	
	149	5745	17.99	19.50	17.99	19.50	13.02	15.00	
	157	5785	17.95	19.50	17.95	19.50	13.01	15.00	
	165	5825	17.93	19.50	17.93	19.50	13.02	15.00	
802.11n-HT20 MCS0	151	5755	16.88	18.50	16.88	18.50	13.07	15.00	96.77
	159	5795	17.04	18.50	17.04	18.50	13.09	15.00	
	149	5745	18.05	19.50	18.05	19.50	13.00	15.00	
	157	5785	18.00	19.50	18.00	19.50	13.03	15.00	
	165	5825	17.99	19.50	17.99	19.50	13.08	15.00	
	151	5755	17.00	18.50	17.00	18.50	13.01	15.00	



**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)									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