

Full Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8		
Frequency (MHz)								
GSM 1 Tx slot	32.05	32.11	32.01	33.00	23.05	23.11	23.01	24.00
GPRS 1 Tx slot	32.00	32.09	31.95	33.00	23.00	23.09	22.95	24.00
GPRS 2 Tx slots	29.92	30.05	29.93	31.00	23.92	24.05	23.93	25.00
GPRS 3 Tx slots	28.11	28.23	28.00	29.50	23.85	23.97	23.74	25.24
GPRS 4 Tx slots	26.03	26.07	25.96	27.00	23.03	23.07	22.96	24.00
EDGE 1 Tx slot	25.41	25.55	25.50	27.00	16.41	16.55	16.50	18.00
EDGE 2 Tx slots	24.09	24.22	24.18	26.00	18.09	18.22	18.18	20.00
EDGE 3 Tx slots	22.01	22.04	21.97	23.50	17.75	17.78	17.71	19.24
EDGE 4 Tx slots	19.53	19.69	19.59	21.00	16.53	16.69	16.59	18.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1859.2	1880	1909.8	1859.2	1880	1909.8		
Frequency (MHz)								
GSM 1 Tx slot	28.40	28.50	28.43	30.00	19.40	19.50	19.43	21.00
GPRS 1 Tx slot	28.37	28.46	28.41	30.00	19.37	19.46	19.41	21.00
GPRS 2 Tx slots	26.18	26.25	26.15	27.00	20.18	20.25	20.15	21.00
GPRS 3 Tx slots	24.34	24.41	24.34	25.50	20.08	20.15	20.08	21.24
GPRS 4 Tx slots	22.44	22.49	22.46	23.50	19.44	19.49	19.46	20.50
EDGE 1 Tx slot	25.55	25.63	25.60	26.00	16.55	16.63	16.60	17.00
EDGE 2 Tx slots	23.77	23.92	23.89	25.50	17.77	17.92	17.89	19.50
EDGE 3 Tx slots	21.87	21.98	21.82	23.00	17.61	17.72	17.56	18.74
EDGE 4 Tx slots	19.85	19.91	19.88	20.50	16.85	16.91	16.88	17.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Rx Channel	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
Frequency (MHz)													
3GPP Rel 99	AMR 12.2Kbps	22.07	22.19	22.07	24.00	22.47	22.62	22.49	24.00	22.23	22.28	22.21	24.00
3GPP Rel 99	RMC 12.2Kbps	22.18	22.23	22.13	24.00	22.43	22.68	22.62	24.00	22.25	22.39	22.26	24.00
3GPP Rel 6	HSDPA Subtest-1	21.15	21.35	21.37	23.00	21.44	21.61	21.62	23.00	21.07	21.46	21.35	23.00
3GPP Rel 6	HSDPA Subtest-2	21.45	21.35	21.33	23.00	21.63	21.61	21.46	23.00	21.35	21.19	21.30	23.00
3GPP Rel 6	HSDPA Subtest-3	20.77	20.84	20.80	22.50	21.11	21.11	21.05	22.50	20.87	20.72	20.69	22.50
3GPP Rel 6	HSDPA Subtest-4	20.75	20.89	20.53	22.50	21.08	21.22	20.97	22.50	20.76	20.98	20.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.31	21.58	21.29	23.00	21.63	21.76	21.64	23.00	21.28	21.60	21.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.23	21.44	21.45	23.00	21.56	21.67	21.77	23.00	21.17	21.46	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.62	20.96	20.90	22.50	21.23	21.36	21.19	22.50	20.66	20.98	20.89	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.83	21.08	20.96	22.50	21.21	21.36	21.19	22.50	20.80	21.02	20.67	22.50
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.14	23.00	21.45	21.61	21.59	23.00	21.09	21.28	21.00	23.00
3GPP Rel 6	HSUPA Subtest-2	19.47	19.12	19.17	21.00	19.56	19.51	19.47	21.00	19.29	19.10	19.25	21.00
3GPP Rel 6	HSUPA Subtest-3	20.11	20.17	20.21	22.00	20.47	20.50	20.43	22.00	20.09	20.14	20.10	22.00
3GPP Rel 6	HSUPA Subtest-4	19.23	19.26	19.17	21.00	19.55	19.41	19.51	21.00	19.24	19.16	19.34	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.72	21.62	23.00	21.65	21.72	21.84	23.00	21.38	21.46	21.50	23.00

Band 38								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.03	23.12	22.96	24	0
20	QPSK	1	49	22.94	23.09	23.06		
20	QPSK	1	99	22.94	22.99	22.89		
20	QPSK	50	0	21.99	22.16	22.06	23	1
20	QPSK	50	24	22.03	22.12	21.96		
20	QPSK	50	50	21.87	22.01	21.90		
20	QPSK	100	0	21.95	22.08	22.02	23	1
20	16QAM	1	0	22.02	22.20	22.10		
20	16QAM	1	49	22.13	22.15	22.06		
20	16QAM	1	99	22.03	22.07	21.91	22	2
20	16QAM	50	0	21.04	21.22	21.07		
20	16QAM	50	24	20.96	21.07	20.93		
20	16QAM	50	50	20.98	21.09	21.01	22	2
20	16QAM	100	0	20.88	21.03	21.01		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.87	22.97	22.92	24	0
15	QPSK	1	37	22.78	23.00	22.93		
15	QPSK	1	74	22.81	22.89	22.80		
15	QPSK	36	0	21.81	22.00	22.02	23	1
15	QPSK	36	20	21.88	22.06	21.85		
15	QPSK	36	39	21.72	21.86	21.78		
15	QPSK	75	0	21.92	21.92	21.97	23	1
15	16QAM	1	0	21.96	22.03	21.94		
15	16QAM	1	37	21.99	22.01	21.96		
15	16QAM	1	74	21.95	21.93	21.82	22	2
15	16QAM	36	0	20.87	21.10	21.02		
15	16QAM	36	20	20.93	21.02	20.80		
15	16QAM	36	39	20.86	20.92	20.84	22	2
15	16QAM	75	0	20.84	21.00	20.97		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.89	22.99	22.85	24	0
10	QPSK	1	25	22.89	23.06	22.92		
10	QPSK	1	49	22.81	22.83	22.85		
10	QPSK	25	0	21.83	22.11	21.99	23	1
10	QPSK	25	12	21.97	22.03	21.88		
10	QPSK	25	25	21.83	21.91	21.74		
10	QPSK	50	0	21.86	22.02	21.90	23	1
10	16QAM	1	0	21.96	22.05	21.94		
10	16QAM	1	25	22.02	22.04	21.99		
10	16QAM	1	49	21.93	21.90	21.77	22	2
10	16QAM	25	0	20.92	21.15	20.99		
10	16QAM	25	12	20.81	20.93	20.86		
10	16QAM	25	25	20.90	21.01	20.90	22	2
10	16QAM	50	0	20.83	20.98	20.88		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.00	22.85	24	0
5	QPSK	1	12	22.85	22.99	22.95		
5	QPSK	1	24	22.79	22.82	22.80		
5	QPSK	12	0	21.84	22.02	22.00	23	1
5	QPSK	12	7	21.94	22.02	21.89		
5	QPSK	12	13	21.75	21.98	21.73		
5	QPSK	25	0	21.88	21.92	21.84	23	1
5	16QAM	1	0	21.91	22.15	22.08		
5	16QAM	1	12	21.99	22.12	22.03		
5	16QAM	1	24	21.87	21.92	21.82	22	2
5	16QAM	12	0	20.99	21.15	21.04		
5	16QAM	12	7	20.94	21.05	20.82		
5	16QAM	12	13	20.83	20.92	20.92	22	2
5	16QAM	25	0	20.79	20.90	20.85		



Reduced Power Mode for Hotspot

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.11	32.01	33.00	23.05	23.11	23.01	24.00
GPRS 1 Tx slot	32.00	32.09	31.95	33.00	23.00	23.09	22.95	24.00
GPRS 2 Tx slots	29.92	30.05	29.93	31.00	23.92	24.05	23.93	25.00
GPRS 3 Tx slots	28.11	28.23	28.00	29.50	23.85	23.97	23.74	25.24
GPRS 4 Tx slots	26.03	26.07	25.96	27.00	23.03	23.07	22.96	24.00
EDGE 1 Tx slot	25.41	25.55	25.50	27.00	16.41	16.55	16.50	18.00
EDGE 2 Tx slots	24.09	24.22	24.18	26.00	18.09	18.22	18.18	20.00
EDGE 3 Tx slots	22.01	22.04	21.97	23.50	17.75	17.78	17.71	19.24
EDGE 4 Tx slots	19.53	19.69	19.59	21.00	16.53	16.69	16.59	18.00

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	21.44	21.44	21.37	23.00	12.44	12.44	12.37	14.00
GPRS 1 Tx slot	21.42	21.46	21.49	23.00	12.42	12.46	12.49	14.00
GPRS 2 Tx slots	19.11	19.30	19.07	20.00	13.11	13.30	13.07	14.00
GPRS 3 Tx slots	18.16	18.39	18.35	19.00	13.90	14.13	14.09	14.74
GPRS 4 Tx slots	17.04	17.12	17.02	17.50	14.04	14.12	14.02	14.50
EDGE 1 Tx slot	22.39	22.21	22.33	23.00	13.39	13.21	13.33	14.00
EDGE 2 Tx slots	18.31	18.38	18.35	20.00	12.31	12.38	12.35	14.00
EDGE 3 Tx slots	16.84	16.91	16.88	18.00	12.58	12.65	12.62	13.74
EDGE 4 Tx slots	16.36	16.49	16.42	17.00	13.36	13.49	13.42	14.00

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	16.13	16.30	16.06	17.50	15.52	15.71	15.58	17.00	22.23	22.28	22.21	24.00
3GPP Rel 99 RMC 12.2Kbps	16.25	16.42	16.19	17.50	15.57	15.80	15.63	17.00	22.25	22.39	22.26	24.00
3GPP Rel 6 HSDPA Subtest-1	15.22	15.38	15.15	16.50	14.50	14.74	14.76	16.00	21.07	21.46	21.35	23.00
3GPP Rel 6 HSDPA Subtest-2	15.44	15.49	15.33	16.50	14.73	14.96	14.81	16.00	21.35	21.19	21.30	23.00
3GPP Rel 6 HSDPA Subtest-3	14.90	15.04	14.80	16.00	14.16	14.43	14.31	15.50	20.87	20.72	20.69	22.50
3GPP Rel 6 HSDPA Subtest-4	14.92	15.12	14.92	16.00	14.38	14.48	14.31	15.50	20.76	20.98	20.83	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	15.17	15.36	14.98	16.50	14.46	14.64	14.69	16.00	21.28	21.80	21.26	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	15.21	15.54	15.13	16.50	14.66	14.82	14.75	16.00	21.17	21.46	21.43	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	14.81	14.99	14.86	16.00	14.30	14.29	14.35	15.50	20.66	20.98	20.89	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	14.98	15.18	14.86	16.00	14.20	14.40	14.41	15.50	20.80	21.02	20.67	22.50
3GPP Rel 6 HSUPA Subtest-1	15.21	15.51	15.28	16.50	14.79	14.88	14.64	16.00	21.09	21.28	21.00	23.00
3GPP Rel 6 HSUPA Subtest-2	13.29	13.34	13.12	14.50	12.57	12.77	12.71	14.00	19.29	19.10	19.25	21.00
3GPP Rel 6 HSUPA Subtest-3	14.45	14.52	14.17	15.50	13.64	13.82	13.77	15.00	20.09	20.14	20.10	22.00
3GPP Rel 6 HSUPA Subtest-4	13.31	13.55	13.17	14.50	12.55	12.77	12.73	14.00	19.24	19.16	19.34	21.00
3GPP Rel 6 HSUPA Subtest-5	15.25	15.42	15.04	16.50	14.60	14.76	14.65	16.00	21.38	21.46	21.50	23.00

Band 38									
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	14.98	15.26	15.19	16	0	
20	QPSK	1	49	15.03	15.18	15.12			
20	QPSK	1	99	15.04	15.07	15.01			
20	QPSK	50	0	14.26	14.36	14.27	15	1	
20	QPSK	50	24	14.31	14.35	14.30			
20	QPSK	50	50	14.28	14.33	14.20			
20	QPSK	100	0	14.06	14.21	14.15	15	1	
20	16QAM	1	0	14.09	14.15	14.05			
20	16QAM	1	49	14.04	14.19	14.11			
20	16QAM	1	99	13.95	14.08	13.97	14	2	
20	16QAM	50	0	13.13	13.23	13.19			
20	16QAM	50	24	13.08	13.15	13.12			
20	16QAM	50	50	12.97	13.03	12.95	14	2	
20	16QAM	100	0	12.96	13.06	13.00			
Channel				37825	38000	38175			Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	14.83	15.20	15.08	16	0	
15	QPSK	1	37	14.98	15.11	15.09			
15	QPSK	1	74	14.98	14.93	14.92			
15	QPSK	36	0	14.15	14.33	14.22	15	1	
15	QPSK	36	20	14.16	14.21	14.16			
15	QPSK	36	39	14.14	14.26	14.06			
15	QPSK	75	0	13.92	14.16	14.07	15	1	
15	16QAM	1	0	14.00	14.06	13.95			
15	16QAM	1	37	13.89	14.06	14.00			
15	16QAM	1	74	13.89	13.99	13.86	14	2	
15	16QAM	36	0	12.99	13.17	13.09			
15	16QAM	36	20	13.03	13.04	13.06			
15	16QAM	36	39	12.86	13.00	12.90	14	2	
15	16QAM	75	0	12.93	12.94	12.97			
Channel				37800	38000	38200			Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	14.83	15.17	15.12	16	0	
10	QPSK	1	25	14.94	15.09	15.02			
10	QPSK	1	49	14.98	14.95	14.86			
10	QPSK	25	0	14.15	14.30	14.20	15	1	
10	QPSK	25	12	14.19	14.31	14.19			
10	QPSK	25	25	14.21	14.21	14.11			
10	QPSK	50	0	13.99	14.14	14.04	15	1	
10	16QAM	1	0	14.00	14.07	13.92			
10	16QAM	1	25	13.99	14.13	14.03			
10	16QAM	1	49	13.90	14.04	13.83	14	2	
10	16QAM	25	0	12.99	13.16	13.11			
10	16QAM	25	12	13.01	13.05	12.99			
10	16QAM	25	25	12.88	12.92	12.83	14	2	
10	16QAM	50	0	12.92	13.01	12.95			
Channel				37775	38000	38225			Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	14.83	15.17	15.09	16	0	
5	QPSK	1	12	14.92	15.14	15.01			
5	QPSK	1	24	14.96	14.94	14.89			
5	QPSK	12	0	14.19	14.23	14.16	15	1	
5	QPSK	12	7	14.19	14.31	14.16			
5	QPSK	12	13	14.17	14.21	14.06			
5	QPSK	25	0	13.92	14.12	14.00	15	1	
5	16QAM	1	0	13.94	14.06	13.95			
5	16QAM	1	12	14.00	14.15	14.01			
5	16QAM	1	24	13.81	14.02	13.92	14	2	
5	16QAM	12	0	13.03	13.14	13.10			
5	16QAM	12	7	12.99	13.07	13.03			
5	16QAM	12	13	12.92	12.99	12.85	14	2	
5	16QAM	25	0	12.93	13.03	12.96			



Reduced Power Mode for Body-worn&Extremity

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.11	32.01	33.00	23.05	23.11	23.01	24.00
GPRS 1 Tx slot	32.00	32.09	31.95	33.00	23.00	23.09	22.95	24.00
GPRS 2 Tx slots	29.92	30.05	29.93	31.00	23.92	24.05	23.93	25.00
GPRS 3 Tx slots	28.11	28.23	28.00	29.50	23.85	23.97	23.74	25.24
GPRS 4 Tx slots	26.03	26.07	25.96	27.00	23.03	23.07	22.96	24.00
EDGE 1 Tx slot	25.41	25.55	25.50	27.00	16.41	16.55	16.50	18.00
EDGE 2 Tx slots	24.09	24.22	24.18	26.00	16.09	16.22	16.18	20.00
EDGE 3 Tx slots	22.01	22.04	21.97	23.50	17.75	17.78	17.71	18.24
EDGE 4 Tx slots	19.53	19.69	19.59	21.00	16.53	16.69	16.59	18.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.31	25.56	25.50	27.00	16.31	16.56	16.50	18.00
GPRS 1 Tx slot	25.34	25.37	25.33	27.00	16.34	16.37	16.33	18.00
GPRS 2 Tx slots	22.11	22.15	21.96	23.50	16.11	16.15	15.96	17.50
GPRS 3 Tx slots	21.83	21.88	21.78	23.00	17.57	17.72	17.52	18.74
GPRS 4 Tx slots	20.48	20.62	20.38	21.50	17.48	17.62	17.38	18.50
EDGE 1 Tx slot	25.55	25.63	25.60	26.00	16.55	16.63	16.60	17.00
EDGE 2 Tx slots	22.17	22.40	22.33	24.00	16.17	16.40	16.33	18.00
EDGE 3 Tx slots	21.87	21.98	21.82	23.00	17.61	17.72	17.56	18.74
EDGE 4 Tx slots	19.85	19.91	19.88	20.50	16.85	16.91	16.88	17.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9460	9538		1312	1413	1513		4132	4482	4233		
TX Channel	9692	9890	9938		1537	1638	1738		4357	4407	4468		
Rx Channel	9692	9890	9938		1537	1638	1738		4357	4407	4468		
Frequency (MHz)	1852.4	1880	1907.6		1732.4	1732.6	1759.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	17.49	17.63	17.60	19.00	16.22	16.27	16.16	17.50	22.23	22.28	22.21	24.00
3GPP Rel 99	RMC 12.2Kbps	17.54	17.71	17.68	19.00	16.29	16.34	16.24	17.50	22.25	22.39	22.26	24.00
3GPP Rel 6	HSDPA Subtest-1	16.51	16.74	16.70	18.00	15.25	15.28	15.11	16.50	21.07	21.46	21.35	23.00
3GPP Rel 6	HSDPA Subtest-2	16.65	16.60	16.56	18.00	15.39	15.43	15.29	16.50	21.35	21.19	21.30	23.00
3GPP Rel 6	HSDPA Subtest-3	16.17	16.07	16.03	17.50	14.86	14.89	14.75	16.00	20.87	20.72	20.89	22.50
3GPP Rel 6	HSDPA Subtest-4	16.06	16.32	16.12	17.50	14.84	14.96	14.85	16.00	20.76	20.98	20.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.56	16.71	16.61	18.00	15.18	15.22	15.01	16.50	21.28	21.60	21.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.44	16.65	16.58	18.00	15.23	15.34	15.18	16.50	21.17	21.46	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.06	16.27	16.12	17.50	14.82	14.90	14.79	16.00	20.66	20.98	20.89	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.01	16.15	16.11	17.50	14.93	14.99	14.77	16.00	20.80	21.02	20.67	22.50
3GPP Rel 6	HSUPA Subtest-1	16.41	16.54	16.46	18.00	15.23	15.37	15.26	16.50	21.09	21.28	21.00	23.00
3GPP Rel 6	HSUPA Subtest-2	14.48	14.62	14.53	16.00	13.20	13.25	13.08	14.50	19.29	19.10	19.25	21.00
3GPP Rel 6	HSUPA Subtest-3	15.42	15.58	15.39	17.00	14.37	14.41	14.20	15.50	20.09	20.14	20.10	22.00
3GPP Rel 6	HSUPA Subtest-4	14.57	14.67	14.60	16.00	13.26	13.38	13.16	14.50	19.24	19.16	19.34	21.00
3GPP Rel 6	HSUPA Subtest-5	16.65	16.72	16.79	18.00	15.18	15.29	15.09	16.50	21.38	21.46	21.50	23.00



Band 2

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Power Headroom, Power Margin, Turn-up limit, MPR. Contains multiple sub-tables for different channel configurations and RB sizes.

Band 4

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Power Headroom, Power Margin, Turn-up limit, MPR. Contains multiple sub-tables for different channel configurations and RB sizes.

Band 5

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Power Headroom, Power Margin, Turn-up limit, MPR. Contains multiple sub-tables for different channel configurations and RB sizes.

Band 7

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Power Headroom, Power Margin, Turn-up limit, MPR. Contains multiple sub-tables for different channel configurations and RB sizes.

Band 38								
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	16.81	16.78	16.67	17.5	0
20	QPSK	1	49	16.57	16.70	16.65		
20	QPSK	1	99	16.52	16.54	16.56		
20	QPSK	50	0	15.82	15.89	15.76	16.5	1
20	QPSK	50	24	15.88	15.81	15.83		
20	QPSK	50	50	15.80	15.79	15.71		
20	QPSK	100	0	15.83	15.74	15.67	16.5	1
20	16QAM	1	0	15.80	15.70	15.60		
20	16QAM	1	49	15.50	15.73	15.65		
20	16QAM	1	99	15.48	15.57	15.51	15.5	2
20	16QAM	50	0	14.68	14.70	14.68		
20	16QAM	50	24	14.53	14.68	14.65		
20	16QAM	50	50	14.46	14.59	14.51	15.5	2
20	16QAM	50	0	14.43	14.56	14.51		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.54	16.72	16.52	17.5	0
15	QPSK	1	37	16.49	16.64	16.60		
15	QPSK	1	74	16.40	16.44	16.42		
15	QPSK	36	0	15.78	15.77	15.68	16.5	1
15	QPSK	36	20	15.73	15.70	15.73		
15	QPSK	36	39	15.70	15.73	15.67		
15	QPSK	75	0	15.50	15.63	15.55	16.5	1
15	16QAM	1	0	15.50	15.56	15.50		
15	16QAM	1	37	15.37	15.59	15.57		
15	16QAM	1	74	15.36	15.45	15.45	15.5	2
15	16QAM	36	0	14.58	14.56	14.57		
15	16QAM	36	20	14.42	14.60	14.53		
15	16QAM	36	39	14.37	14.53	14.44	15.5	2
15	16QAM	36	0	14.31	14.51	14.47		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.53	16.64	16.58	17.5	0
10	QPSK	1	25	16.54	16.66	16.56		
10	QPSK	1	49	16.49	16.41	16.45		
10	QPSK	25	0	15.88	15.82	15.71	16.5	1
10	QPSK	25	12	15.85	15.72	15.78		
10	QPSK	25	25	15.75	15.67	15.57		
10	QPSK	50	0	15.57	15.61	15.55	16.5	1
10	16QAM	1	0	15.53	15.61	15.45		
10	16QAM	1	25	15.37	15.64	15.58		
10	16QAM	1	49	15.36	15.53	15.47	15.5	2
10	16QAM	25	0	14.56	14.59	14.63		
10	16QAM	25	12	14.46	14.58	14.54		
10	16QAM	25	25	14.33	14.46	14.39	15.5	2
10	16QAM	25	0	14.34	14.48	14.45		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.55	16.70	16.62	17.5	0
5	QPSK	1	12	16.48	16.61	16.54		
5	QPSK	1	24	16.46	16.44	16.41		
5	QPSK	12	0	15.67	15.80	15.65	16.5	1
5	QPSK	12	7	15.80	15.69	15.74		
5	QPSK	12	13	15.70	15.73	15.65		
5	QPSK	25	0	15.60	15.66	15.58	16.5	1
5	16QAM	1	0	15.49	15.62	15.57		
5	16QAM	1	12	15.45	15.67	15.51		
5	16QAM	1	24	15.41	15.49	15.39	15.5	2
5	16QAM	12	0	14.61	14.59	14.55		
5	16QAM	12	7	14.45	14.58	14.56		
5	16QAM	12	13	14.38	14.48	14.41	15.5	2
5	16QAM	25	0	14.31	14.45	14.37		



WLAN/Bluetooth Power

2.4GHz WLAN				Ant 2 Full Power For Head SAR For Hotspot SAR For Body-worn SAR For Extremity SAR		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	19.01	20.50	97.97	
	6	2437	19.11	20.50		
	11	2462	18.98	20.50		
802.11g 6Mbps	1	2412	19.36	20.50	97.46	
	6	2437	18.83	20.50		
	11	2462	18.72	20.50		
802.11n-HT20 MCSO	1	2412	19.06	20.50	88.18	
	6	2437	19.37	20.50		
	11	2462	19.05	20.50		

5.2GHz WLAN				Ant 2 Full Power For Head SAR		Ant 2 For Body-worn SAR For Hotspot SAR For Extremity SAR		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	18.49	19.50	13.42	14.50	88.89	
	40	5200	18.40	19.50	13.16	14.50		
	44	5220	17.92	19.50	13.02	14.50		
	48	5240	18.12	19.50	13.11	14.50		
802.11n-HT20 MCSO	36	5180	18.46	19.50	Not Required	14.50	88.61	
	40	5200	18.41	19.50		14.50		
	44	5220	17.92	19.50		14.50		
	48	5240	18.06	19.50		14.50		
802.11ac-VHT20 MCSO	36	5180	17.56	19.00	Not Required	14.50	89.16	
	40	5200	17.42	19.00		14.50		
	44	5220	17.07	19.00		14.50		
	48	5240	17.29	19.00		14.50		

5.3GHz WLAN				Ant 2 Full Power For Head SAR		Ant 2 For Body-worn SAR For Extremity SAR		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5260	17.90	19.50	12.88	14.50	88.89	
	56	5280	18.15	19.50	13.05	14.50		
	60	5300	18.04	19.50	12.91	14.50		
	64	5320	17.73	19.50	12.75	14.50		
802.11n-HT20 MCSO	52	5260	17.90	19.50	Not Required	14.50	88.61	
	56	5280	18.20	19.50		14.50		
	60	5300	18.04	19.50		14.50		
	64	5320	17.66	19.50		14.50		
802.11ac-VHT20 MCSO	52	5260	17.04	18.50	Not Required	14.50	89.16	
	56	5280	17.32	19.00		14.50		
	60	5300	17.23	19.00		14.50		
	64	5320	16.78	18.50		14.50		

5.5GHz WLAN				Ant 2 Full Power For Head SAR		Ant 2 For Body-worn SAR For Extremity SAR		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	18.24	19.50	15.12	16.50	88.89	
	116	5580	18.09	19.50	14.95	16.50		
	124	5620	18.04	19.50	14.86	16.50		
	132	5660	17.73	19.50	15.41	16.50		
	140	5700	18.07	19.50	15.68	16.50		
802.11n-HT20 MCSO	100	5500	18.15	19.50	Not Required	16.50	88.61	
	116	5580	17.97	19.50		16.50		
	124	5620	17.85	19.50		16.50		
	132	5660	18.00	19.50		16.50		
	140	5700	17.94	19.50		16.50		
802.11ac-VHT20 MCSO	100	5500	17.21	19.00	Not Required	16.50	89.16	
	116	5580	16.73	18.50		16.50		
	124	5620	17.07	18.50		16.50		
	132	5660	16.58	18.50		16.50		
	140	5700	16.71	18.50		16.50		

5.8GHz WLAN				Ant 2 Full Power For Head SAR For Hotspot SAR For Body-worn SAR For Extremity SAR		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	17.79	19.50	88.89	
	157	5785	18.02	19.50		
	165	5825	17.60	19.50		
802.11n-HT20 MCSO	149	5745	17.70	19.50	88.61	
	157	5785	17.92	19.50		
	165	5825	17.56	19.50		
802.11ac-VHT20 MCSO	149	5745	17.56	19.50	89.16	
	157	5785	16.61	18.50		
	165	5825	17.28	19.00		

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	9.56	7.23	7.44	11.50
	CH 39	2441	9.77	7.84	7.81	11.50
	CH 76	2480	10.81	8.93	9.03	12.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	0.97
	CH 19	2440	0.81
	CH 39	2480	1.04
Tune-up Limit			2.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	0.88
	CH 19	2440	0.75
	CH 39	2480	0.92
Tune-up Limit			2.00