

Full/Default Power for WWAN

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	32.23	32.28	32.31	33.50	23.23	23.28	23.31	24.50
GPRS 1 Tx slot	32.04	32.23	32.22	33.50	23.04	23.23	23.22	24.50
GPRS 2 Tx slots	31.33	31.57	31.51	32.50	25.33	25.57	25.51	26.50
GPRS 3 Tx slots	29.76	29.91	30.06	31.00	25.50	25.65	25.80	26.74
GPRS 4 Tx slots	28.63	28.82	28.74	30.00	25.63	25.82	25.74	27.00
EDGE 1 Tx slot	26.42	26.34	26.02	27.50	17.42	17.34	17.02	18.50
EDGE 2 Tx slots	25.01	24.96	24.71	26.00	19.01	18.96	18.71	20.00
EDGE 3 Tx slots	22.65	22.53	22.32	24.00	18.39	18.27	18.06	19.74
EDGE 4 Tx slots	21.37	21.24	21.11	22.50	18.37	18.24	18.11	19.50

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.39	23.47	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.51	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.65	22.27	23.00
3GPP Rel 6	HSDPA Subtest-2	22.60	22.61	22.42	23.00
3GPP Rel 6	HSDPA Subtest-3	21.94	22.24	22.03	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	22.23	21.96	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.63	22.47	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.52	22.40	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.08	22.01	21.91	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.92	22.09	22.10	22.50
3GPP Rel 6	HSUPA Subtest-1	22.29	22.54	22.41	23.00
3GPP Rel 6	HSUPA Subtest-2	20.45	20.52	20.41	21.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.62	21.56	22.00
3GPP Rel 6	HSUPA Subtest-4	20.45	20.68	20.59	21.00
3GPP Rel 6	HSUPA Subtest-5	22.62	22.72	22.57	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	19.95	20.13	20.50



Band 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.24	23.25	23.18	24	0	
10	QPSK	1	25	23.21	23.19	23.12			
10	QPSK	1	49	23.11	23.17	23.07			
10	QPSK	25	0	22.25	22.37	22.24	23	1	
10	QPSK	25	12	22.18	22.31	22.22			
10	QPSK	25	25	22.23	22.33	22.21			
10	QPSK	50	0	22.24	22.34	22.20	23	1	
10	16QAM	1	0	22.38	22.46	22.35			
10	16QAM	1	25	22.22	22.35	22.20			
10	16QAM	1	49	22.31	22.43	22.40	22	2	
10	16QAM	25	0	21.35	21.42	21.28			
10	16QAM	25	12	21.30	21.39	21.32			
10	16QAM	25	25	21.21	21.34	21.21	22	2	
10	16QAM	50	0	21.28	21.37	21.32			
10	64QAM	1	0	21.43	21.47	21.33			
10	64QAM	1	25	21.35	21.45	21.42	22	2	
10	64QAM	1	49	21.26	21.36	21.25			
10	64QAM	25	0	20.35	20.42	20.31			
10	64QAM	25	12	20.25	20.33	20.27	21	3	
10	64QAM	25	25	20.20	20.29	20.25			
10	64QAM	50	0	20.28	20.38	20.29			

Band 7									
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				2510	2535	2560			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.44	22.62	22.52	24	0	
20	QPSK	1	49	22.41	22.60	22.43			
20	QPSK	1	99	22.35	22.51	22.39			
20	QPSK	50	0	21.57	21.61	21.54	23	1	
20	QPSK	50	24	21.54	21.56	21.42			
20	QPSK	50	50	21.50	21.60	21.54			
20	QPSK	100	0	21.53	21.59	21.50	23	1	
20	16QAM	1	0	21.41	21.64	21.48			
20	16QAM	1	49	21.44	21.51	21.42			
20	16QAM	1	99	21.46	21.40	21.46	23	1	
20	16QAM	50	0	20.51	20.59	20.49			
20	16QAM	50	24	20.45	20.44	20.36			
20	16QAM	50	50	20.50	20.52	20.45	22	2	
20	16QAM	100	0	20.49	20.62	20.48			
20	64QAM	1	0	20.42	20.47	20.40			
20	64QAM	1	49	20.29	20.29	20.34	22	2	
20	64QAM	1	99	20.29	20.35	20.40			
20	64QAM	50	0	19.50	19.64	19.57			
20	64QAM	50	24	19.41	19.44	19.46	21	3	
20	64QAM	50	50	19.59	19.58	19.49			
20	64QAM	100	0	19.58	19.62	19.53			

Band 26									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dbm)	
Channel				821.5	831.5	841.5			
Frequency (MHz)									
15	QPSK	1	0	23.11	23.27	23.17	24	0	
15	QPSK	1	37	23.03	23.18	23.05			
15	QPSK	1	74	22.90	23.04	22.95			
15	QPSK	36	0	22.17	22.32	22.21	23	1	
15	QPSK	36	20	22.08	22.16	22.12			
15	QPSK	36	39	22.11	22.22	22.16			
15	QPSK	75	0	22.18	22.30	22.16	23	1	
15	16QAM	1	0	22.33	22.38	22.34			
15	16QAM	1	37	22.35	22.42	22.38			
15	16QAM	1	74	22.17	22.26	22.19	23	1	
15	16QAM	36	0	21.30	21.41	21.29			
15	16QAM	36	20	21.32	21.37	21.31			
15	16QAM	36	39	21.22	21.32	21.19	22	2	
15	16QAM	75	0	21.27	21.33	21.18			
15	64QAM	1	0	21.41	21.45	21.39			
15	64QAM	1	37	21.37	21.52	21.47	22	2	
15	64QAM	1	74	21.27	21.36	21.25			
15	64QAM	36	0	20.40	20.43	20.36			
15	64QAM	36	20	20.35	20.38	20.25	21	3	
15	64QAM	36	39	20.27	20.38	20.34			
15	64QAM	75	0	20.22	20.35	20.31			



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	24	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.29	23.35	23.15			
20	QPSK	1	49	23.26	23.31	23.13	23	1	
20	QPSK	1	99	23.18	23.22	23.07			
20	QPSK	50	0	22.17	22.28	22.23			
20	QPSK	50	24	22.13	22.17	22.02			
20	QPSK	50	50	22.09	22.19	22.14			
20	QPSK	100	0	22.21	22.32	22.21	23	1	
20	16QAM	1	0	21.98	22.12	21.98			
20	16QAM	1	49	21.89	21.96	21.87			
20	16QAM	1	99	21.92	22.03	21.95			
20	16QAM	50	0	21.14	21.21	21.15			
20	16QAM	50	24	20.99	21.07	20.98	22	2	
20	16QAM	50	50	21.08	21.15	21.01			
20	16QAM	100	0	21.17	21.20	21.05			
20	64QAM	1	0	20.89	20.98	20.83			
20	64QAM	1	49	20.99	21.03	20.89			
20	64QAM	1	99	20.84	20.92	20.84	21	3	
20	64QAM	50	0	20.09	20.21	20.12			
20	64QAM	50	24	20.05	20.12	20.01			
20	64QAM	50	50	19.95	20.01	19.98			
20	64QAM	100	0	20.08	20.19	20.16			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				39750	40185	40620	41055	41490	24	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.36	23.33	23.39	23.14	23.22		
20	QPSK	1	49	23.20	23.21	23.27	23.12	23.14	23	1
20	QPSK	1	99	23.17	23.14	23.19	23.14	23.11		
20	QPSK	50	0	22.01	22.05	22.13	22.07	22.02		
20	QPSK	50	24	21.99	22.03	22.12	22.06	22.03		
20	QPSK	50	50	21.96	21.94	22.06	21.98	22.04		
20	QPSK	100	0	22.04	22.04	22.16	22.14	22.11	23	1
20	16QAM	1	0	22.08	22.15	22.22	22.18	22.15		
20	16QAM	1	49	22.24	22.22	22.28	22.24	22.18		
20	16QAM	1	99	22.06	22.08	22.16	22.08	22.06		
20	16QAM	50	0	21.08	21.07	21.19	21.08	21.07		
20	16QAM	50	24	21.04	21.06	21.18	21.07	21.14	22	2
20	16QAM	50	50	21.02	21.05	21.12	21.05	21.02		
20	16QAM	100	0	21.07	21.15	21.18	21.08	21.09		
20	64QAM	1	0	20.75	20.86	20.81	20.77	20.74		
20	64QAM	1	49	20.89	20.79	20.97	20.85	20.89		
20	64QAM	1	99	20.83	20.85	20.88	20.83	20.79	21	3
20	64QAM	50	0	20.02	20.06	20.14	20.06	20.10		
20	64QAM	50	24	20.12	20.03	20.15	20.10	20.10		
20	64QAM	50	50	20.02	20.01	20.12	20.01	20.05		
20	64QAM	100	0	20.09	20.10	20.19	20.10	20.10		

Reduced Power for Body-Worn and 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	32.23	32.28	32.31	33.50	23.23	23.28	23.31	24.50
GPRS 1 Tx slot	32.04	32.23	32.22	33.50	23.04	23.23	23.22	24.50
GPRS 2 Tx slots	31.33	31.57	31.51	32.50	25.33	25.57	25.51	26.50
GPRS 3 Tx slots	29.76	29.91	30.06	31.00	25.50	25.65	25.80	26.74
GPRS 4 Tx slots	28.63	28.82	28.74	30.00	25.63	25.82	25.74	27.00
EDGE 1 Tx slot	26.42	26.34	26.02	27.50	17.42	17.34	17.02	18.50
EDGE 2 Tx slots	25.01	24.96	24.71	26.00	19.01	18.96	18.71	20.00
EDGE 3 Tx slots	22.65	22.53	22.32	24.00	18.39	18.27	18.06	19.74
EDGE 4 Tx slots	21.37	21.24	21.11	22.50	18.37	18.24	18.11	19.50

Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4357	4407	4458	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	23.39	23.47	23.22	24.00
3GPP Rel 99 RMC 12.2Kbps	23.44	23.51	23.36	24.00
3GPP Rel 6 HSDPA Subtest-1	22.36	22.65	22.27	23.00
3GPP Rel 6 HSDPA Subtest-2	22.60	22.61	22.42	23.00
3GPP Rel 6 HSDPA Subtest-3	21.94	22.24	22.03	22.50
3GPP Rel 6 HSDPA Subtest-4	21.79	22.23	21.96	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	22.48	22.63	22.47	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	22.24	22.52	22.40	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	22.08	22.01	21.91	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	21.92	22.09	22.10	22.50
3GPP Rel 6 HSUPA Subtest-1	22.29	22.54	22.41	23.00
3GPP Rel 6 HSUPA Subtest-2	20.45	20.52	20.41	21.00
3GPP Rel 6 HSUPA Subtest-3	21.52	21.62	21.56	22.00
3GPP Rel 6 HSUPA Subtest-4	20.45	20.68	20.59	21.00
3GPP Rel 6 HSUPA Subtest-5	22.62	22.72	22.57	23.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	20.09	19.95	20.13	20.50



Band 5											
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	836.5	844					
10	QPSK	1	0	23.24	23.25	23.18	24	0			
10	QPSK	1	25	23.21	23.19	23.12					
10	QPSK	1	49	23.11	23.17	23.07					
10	QPSK	25	0	22.25	22.37	22.24					
10	QPSK	25	12	22.18	22.31	22.22	23	1			
10	QPSK	25	25	22.02	22.33	22.21					
10	QPSK	50	0	22.24	22.34	22.20					
10	16QAM	1	0	22.38	22.46	22.35					
10	16QAM	1	25	22.22	22.35	22.20	23	1			
10	16QAM	1	49	22.31	22.43	22.40					
10	16QAM	25	0	21.35	21.42	21.28					
10	16QAM	25	12	21.30	21.39	21.32					
10	16QAM	25	25	21.21	21.34	21.21	22	2			
10	16QAM	50	0	21.28	21.37	21.32					
10	64QAM	1	0	21.43	21.47	21.33					
10	64QAM	1	25	21.35	21.45	21.42					
10	64QAM	1	49	21.26	21.36	21.25	22	2			
10	64QAM	25	0	20.35	20.42	20.31					
10	64QAM	25	12	20.25	20.33	20.27					
10	64QAM	25	25	20.20	20.29	20.25					
10	64QAM	50	0	20.28	20.38	20.29	21	3			
Channel				20425	20525	20565					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	23.19	23.22	23.09	24	0			
5	QPSK	1	12	23.10	23.17	23.01					
5	QPSK	1	24	23.02	23.07	22.99					
5	QPSK	12	0	22.11	22.27	22.20					
5	QPSK	12	7	22.07	22.24	22.14	23	1			
5	QPSK	12	13	22.16	22.21	22.11					
5	QPSK	25	0	22.10	22.31	22.16					
5	16QAM	1	0	22.25	22.37	22.25					
5	16QAM	1	12	22.19	22.23	22.08	23	1			
5	16QAM	1	24	22.27	22.37	22.26					
5	16QAM	12	0	21.23	21.29	21.17					
5	16QAM	12	7	21.23	21.26	21.20					
5	16QAM	12	13	21.08	21.26	21.09	22	2			
5	16QAM	25	0	21.16	21.31	21.28					
5	64QAM	1	0	21.35	21.41	21.24					
5	64QAM	1	12	21.32	21.35	21.38					
5	64QAM	1	24	21.14	21.23	21.13	22	2			
5	64QAM	12	0	20.31	20.35	20.22					
5	64QAM	12	7	20.40	20.30	20.21					
5	64QAM	12	13	20.09	20.21	20.21					
5	64QAM	25	0	20.21	20.26	20.17	21	3			
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	23.09	23.20	23.13	24	0			
3	QPSK	1	8	23.07	23.19	23.08					
3	QPSK	1	14	23.02	23.03	22.98					
3	QPSK	8	0	22.12	22.24	22.12					
3	QPSK	8	4	22.08	22.17	22.16	23	1			
3	QPSK	8	7	22.12	22.19	22.07					
3	QPSK	15	0	22.17	22.27	22.09					
3	16QAM	1	0	22.31	22.40	22.31					
3	16QAM	1	8	22.11	22.27	22.06	23	1			
3	16QAM	1	14	22.20	22.30	22.28					
3	16QAM	8	0	21.29	21.36	21.17					
3	16QAM	8	4	21.28	21.29	21.28					
3	16QAM	8	7	21.17	21.28	21.08	22	2			
3	16QAM	15	0	21.18	21.30	21.19					
3	64QAM	1	0	21.30	21.39	21.25					
3	64QAM	1	8	21.31	21.33	21.31					
3	64QAM	1	14	21.14	21.31	21.21	22	2			
3	64QAM	8	0	20.23	20.31	20.24					
3	64QAM	8	4	20.16	20.19	20.23					
3	64QAM	8	7	20.12	20.19	20.15					
3	64QAM	15	0	20.15	20.30	20.23	21	3			
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	23.15	23.18	23.14	24	0			
1.4	QPSK	1	3	23.16	23.14	23.01					
1.4	QPSK	1	5	23.02	23.13	23.01					
1.4	QPSK	3	0	22.19	22.31	22.13					
1.4	QPSK	3	1	22.11	22.16	22.19	23	1			
1.4	QPSK	3	3	22.11	22.24	22.14					
1.4	QPSK	6	0	22.13	22.26	22.11					
1.4	16QAM	1	0	22.34	22.41	22.24					
1.4	16QAM	1	3	22.15	22.23	22.06	23	1			
1.4	16QAM	1	5	22.22	22.30	22.31					
1.4	16QAM	3	0	21.22	21.26	21.16					
1.4	16QAM	3	1	21.24	21.26	21.28					
1.4	16QAM	3	3	21.06	21.26	21.02	22	2			
1.4	16QAM	6	0	21.18	21.28	21.23					
1.4	64QAM	1	0	21.30	21.32	21.20					
1.4	64QAM	1	3	21.32	21.35	21.28					
1.4	64QAM	1	5	21.12	21.23	21.21	22	2			
1.4	64QAM	3	0	20.29	20.36	20.16					
1.4	64QAM	3	1	20.10	20.22	20.12					
1.4	64QAM	3	3	20.10	20.24	20.18					
1.4	64QAM	6	0	20.24	20.28	20.22	21	3			

Band 7											
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)				2510	2535	2560					
20	QPSK	1	0	13.41	13.48	13.36	15	0			
20	QPSK	1	49	13.26	13.35	13.27					
20	QPSK	1	99	13.34	13.36	13.28					
20	QPSK	50	0	13.30	13.40	13.30					
20	QPSK	50	24	13.25	13.33	13.20	15	0			
20	QPSK	50	50	13.31	13.36	13.24					
20	QPSK	100	0	13.27	13.39	13.32					
20	16QAM	1	0	13.30	13.42	13.31					
20	16QAM	1	49	13.26	13.32	13.15	15	0			
20	16QAM	1	99	13.34	13.36	13.24					
20	16QAM	50	0	13.37	13.40	13.29					
20	16QAM	50	24	13.26	13.33	13.17	15	0			
20	16QAM	50	50	13.23	13.33	13.16					
20	16QAM	100	0	13.29	13.41	13.33					
20	64QAM	1	0	13.35	13.38	13.28					
20	64QAM	1	49	13.31	13.42	13.37	15	0			
20	64QAM	1	99	13.31	13.39	13.30					
20	64QAM	50	0	13.40	13.42	13.32					
20	64QAM	50	24	13.35	13.36	13.20	15	0			
20	64QAM	50	50	13.29	13.31	13.14					
20	64QAM	100	0	13.20	13.33	13.24					
20	64QAM	100	0	13.20	13.33	13.24					
Channel				2052.5	21100	21575	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	13.31	13.42	13.26	15	0			
15	QPSK	1	37	13.22	13.23	13.19					
15	QPSK	1	74	13.30	13.25	13.19					
15	QPSK	36	0	13.21	13.27	13.27					
15	QPSK	36	20	13.12	13.29	13.17	15	0			
15	QPSK	36	38	13.27	13.24	13.24					
15	QPSK	75	0	13.14	13.24	13.21					
15	16QAM	1	0	13.23	13.39	13.26					
15	16QAM	1	37	13.16	13.24	13.13	15	0			
15	16QAM	1	74	13.29	13.23	13.10					
15	16QAM	36	0	13.25	13.35	13.22					
15	16QAM	36	20	13.19	13.21	13.13	15	0			
15	16QAM	36	38	13.28	13.26	13.09					
15	16QAM	75	0	13.22	13.32	13.18					
15	64QAM	1	0	13.28	13.25	13.20					
15	64QAM	1	37	13.28	13.37	13.29	15	0			
15	64QAM	1	74	13.23	13.27	13.15					
15	64QAM	36	0	13.34	13.32	13.17					
15	64QAM	36	20	13.22	13.33	13.11	15	0			
15	64QAM	36	38	13.15	13.21	13.09					
15	64QAM	75	0	13.12	13.28	13.15					
15	64QAM	75	0	13.12	13.28	13.15					
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	0	13.30	13.42	13.30	15	0			
10	QPSK	1	25	13.13	13.29	13.13					
10	QPSK	1	49	13.16	13.23	13.24					
10	QPSK	25	0	13.19	13.28	13.25					
10	QPSK	25	12	13.19	13.23	13.11	15	0			
10	QPSK	25	25	13.21	13.26	13.30					
10	QPSK	25	0	13.19	13.24	13.26					
10	16QAM	1	0	13.23	13.36	13.18					
10	16QAM	1	25	13.21	13.21	13.03	15	0			
10	16QAM	1	49	13.29	13.29	13.14					
10	16QAM	25	0	13.29	13.27	13.18					
10	16QAM	25	12	13.14	13.25	13.08	15	0			
10	16QAM	25	25	13.13	13.28	13.11					
10	16QAM	50	0	13.23	13.29	13.18					
10	64QAM	1	0	13.25	13.32	13.18					
10	64QAM	1	25	13.27	13.34	13.24	15	0			
10	64QAM	1	49	13.27	13.35	13.15					
10	64QAM	25	0	13.35	13.38	13.26					
10	64QAM	25	12	13.24	13.32	13.07	15	0			
10	64QAM	25	25	13.22	13.21	13.11					
10	64QAM	50	0	13.11	13.24	13.18					
10	64QAM	50	0	13.11	13.24	13.18					
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	0	13.29	13.37	13.26	15	0			
5	QPSK	1	12	13.15	13.24	13.17					
5	QPSK	1	24	13.28	13.31	13.19					
5	QPSK	12	0	13.24	13.25	13.36					
5	QPSK	12	7	13.15	13.26	13.19	15	0			
5	QPSK	12	13	13.19	13.28	13.28					
5	QPSK	25	0	13.16	13.32	13.17					
5	16QAM	1	0	13.21	13.32	13.17					
5	16QAM	1	12	13.12	13.26	13.08	15	0			
5	16QAM	1	24	13.29	13.26	13.13					
5	16QAM	12	7	13.13	13.21	13.07					
5	16QAM	12	7	13.13	13.21	13.07	15	0			
5	16QAM	12	13	13.18	13.27	13.02					
5	16QAM	25	0	13.16	13.36	13.21					
5	64QAM	1	0	13.29	13.34	13.14					
5	64QAM	1	12	13.25	13.28	13.16	15	0			
5	64QAM	1	24	13.10	13.28	13.26					
5	64QAM	12	0	13.32	13.35	13.18					
5	64QAM	12	7	13.29	13.33	13.07	15	0			
5	64QAM	12	13	13.24	13.26	13.08					
5	64QAM	25	0	13.15	13.28	13.14					
5	64QAM	25	0	13.15	13.28	13.14					

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	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	16.60	16.61	16.57	17	0	
20	QPSK	1	49	16.42	16.49	16.37			
20	QPSK	1	99	16.53	16.56	16.43			
20	QPSK	50	0	16.54	16.59	16.53	17	0	
20	QPSK	50	24	16.52	16.53	16.42			
20	QPSK	50	50	16.49	16.51	16.46			
20	QPSK	100	0	16.43	16.54	16.40	17	0	
20	16QAM	1	0	16.53	16.60	16.50			
20	16QAM	1	49	16.44	16.52	16.45			
20	16QAM	1	99	16.47	16.54	16.48	17	0	
20	16QAM	50	0	16.41	16.52	16.47			
20	16QAM	50	24	16.46	16.52	16.43			
20	16QAM	50	50	16.53	16.57	16.49	17	0	
20	16QAM	100	0	16.49	16.54	16.39			
20	64QAM	1	0	16.49	16.57	16.45			
20	64QAM	1	49	16.41	16.52	16.40	17	0	
20	64QAM	1	99	16.45	16.57	16.44			
20	64QAM	50	0	16.40	16.49	16.42			
20	64QAM	50	24	16.44	16.51	16.41	17	0	
20	64QAM	50	50	16.38	16.50	16.43			
20	64QAM	100	0	16.41	16.52	16.38			
Channel				37825	38000	38175	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	0	16.52	16.58	16.47			
15	QPSK	1	37	16.29	16.41	16.23			
15	QPSK	1	74	16.43	16.48	16.28			
15	QPSK	36	0	16.46	16.39	16.41	17	0	
15	QPSK	36	20	16.43	16.39	16.37			
15	QPSK	36	39	16.39	16.51	16.38			
15	QPSK	75	0	16.40	16.47	16.35	17	0	
15	16QAM	1	0	16.45	16.49	16.44			
15	16QAM	1	37	16.37	16.42	16.40			
15	16QAM	1	74	16.34	16.47	16.38	17	0	
15	16QAM	36	0	16.32	16.44	16.40			
15	16QAM	36	20	16.32	16.45	16.36			
15	16QAM	36	39	16.43	16.50	16.40	17	0	
15	16QAM	75	0	16.43	16.45	16.25			
15	64QAM	1	0	16.36	16.45	16.32			
15	64QAM	1	37	16.31	16.40	16.36	17	0	
15	64QAM	1	74	16.41	16.43	16.33			
15	64QAM	36	0	16.26	16.45	16.34			
15	64QAM	36	20	16.37	16.39	16.32	17	0	
15	64QAM	36	39	16.24	16.37	16.38			
15	64QAM	75	0	16.31	16.38	16.30			
Channel				37800	38000	38200	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	0	16.53	16.53	16.43			
10	QPSK	1	25	16.32	16.44	16.25			
10	QPSK	1	49	16.49	16.48	16.33			
10	QPSK	25	0	16.40	16.52	16.42	17	0	
10	QPSK	25	12	16.42	16.44	16.37			
10	QPSK	25	25	16.39	16.47	16.38			
10	QPSK	50	0	16.31	16.48	16.33	17	0	
10	16QAM	1	0	16.40	16.45	16.36			
10	16QAM	1	25	16.40	16.47	16.37			
10	16QAM	1	49	16.40	16.44	16.34	17	0	
10	16QAM	25	0	16.28	16.43	16.34			
10	16QAM	25	12	16.36	16.39	16.32			
10	16QAM	25	25	16.49	16.48	16.43	17	0	
10	16QAM	50	0	16.44	16.43	16.27			
10	64QAM	1	0	16.41	16.44	16.38			
10	64QAM	1	25	16.30	16.37	16.28	17	0	
10	64QAM	1	49	16.37	16.46	16.33			
10	64QAM	25	0	16.28	16.44	16.35			
10	64QAM	25	12	16.41	16.42	16.32	17	0	
10	64QAM	25	25	16.24	16.42	16.40			
10	64QAM	50	0	16.33	16.47	16.28			
Channel				37775	38000	38225	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	0	16.51	16.55	16.47			
5	QPSK	1	12	16.30	16.42	16.23			
5	QPSK	1	24	16.45	16.47	16.31			
5	QPSK	12	0	16.43	16.56	16.42	17	0	
5	QPSK	12	7	16.35	16.45	16.36			
5	QPSK	12	13	16.41	16.46	16.31			
5	QPSK	25	0	16.31	16.47	16.36	17	0	
5	16QAM	1	0	16.46	16.46	16.42			
5	16QAM	1	12	16.34	16.47	16.34			
5	16QAM	1	24	16.37	16.41	16.45	17	0	
5	16QAM	12	0	16.37	16.40	16.38			
5	16QAM	12	7	16.32	16.48	16.34			
5	16QAM	12	13	16.48	16.43	16.39	17	0	
5	16QAM	25	0	16.39	16.45	16.32			
5	64QAM	1	0	16.38	16.53	16.31			
5	64QAM	1	12	16.34	16.48	16.29	17	0	
5	64QAM	1	24	16.37	16.47	16.40			
5	64QAM	12	0	16.30	16.42	16.38			
5	64QAM	12	7	16.40	16.46	16.29	17	0	
5	64QAM	12	13	16.27	16.44	16.34			
5	64QAM	25	0	16.26	16.46	16.23			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.57	16.64	16.67	16.58	16.52	17	0
20	QPSK	1	49	16.42	16.50	16.53	16.49	16.42		
20	QPSK	1	99	16.56	16.54	16.60	16.56	16.58		
20	QPSK	50	0	16.57	16.59	16.63	16.50	16.48	17	0
20	QPSK	50	24	16.44	16.41	16.50	16.46	16.41		
20	QPSK	50	50	16.50	16.51	16.59	16.53	16.51		
20	QPSK	100	0	16.45	16.54	16.58	16.43	16.49	17	0
20	16QAM	1	0	16.48	16.49	16.62	16.51	16.54		
20	16QAM	1	49	16.56	16.53	16.60	16.46	16.52		
20	16QAM	1	99	16.47	16.52	16.57	16.44	16.53	17	0
20	16QAM	50	0	16.53	16.43	16.57	16.51	16.49		
20	16QAM	50	24	16.47	16.52	16.58	16.49	16.53		
20	16QAM	50	50	16.46	16.55	16.60	16.47	16.47	17	0
20	16QAM	100	0	16.44	16.40	16.50	16.36	16.41		
20	64QAM	1	0	16.48	16.44	16.59	16.48	16.55		
20	64QAM	1	49	16.37	16.43	16.50	16.43	16.40	17	0
20	64QAM	1	99	16.49	16.55	16.60	16.51	16.55		
20	64QAM	50	0	16.57	16.52	16.60	16.52	16.47		
20	64QAM	50	24	16.44	16.49	16.53	16.40	16.45	17	0
20	64QAM	50	50	16.45	16.42	16.57	16.44	16.51		
20	64QAM	100	0	16.49	16.53	16.61	16.37	16.50		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.50	16.53	16.57	16.43	16.43	17.00	0
15	QPSK	1	37	16.35	16.44	16.42	16.45	16.33		
15	QPSK	1	74	16.49	16.42	16.56	16.52	16.48		
15	QPSK	36	0	16.51	16.53	16.56	16.46	16.52	17	0
15	QPSK	36	20	16.37	16.29	16.39	16.38	16.31		
15	QPSK	36	39	16.39	16.47	16.53	16.49	16.40		
15	QPSK	75	0	16.42	16.40	16.49	16.36	16.40	17	0
15	16QAM	1	0	16.36	16.43	16.53	16.47	16.48		
15	16QAM	1	37	16.43	16.43	16.50	16.35	16.39		
15	16QAM	1	74	16.37	16.38	16.49	16.31	16.41	17	0
15	16QAM	36	0	16.47	16.32	16.45	16.42	16.43		
15	16QAM	36	20	16.41	16.42	16.45	16.38	16.42		
15	16QAM	36	39	16.42	16.45	16.51	16.43	16.35	17	0
15	16QAM	75	0	16.37	16.32	16.46	16.30	16.32		
15	64QAM	1	0	16.40	16.40	16.47	16.34	16.44		
15	64QAM	1	37	16.30	16.36	16.39	16.40	16.31	17	0
15	64QAM	1	74	16.40	16.44	16.52	16.40	16.51		
15	64QAM	36	0	16.48	16.41	16.45	16.49	16.38		
15	64QAM	36	20	16.38	16.37	16.40	16.36	16.35	17	0
15	64QAM	36	39	16.35	16.37	16.45	16.34	16.36		
15	64QAM	75	0	16.42	16.49	16.55	16.44	16.38		
Channel				39760	40169	40620	41080	41549		
Frequency (MHz)				2593	2547	2593	2639	2685		
10	QPSK	1	0	16.47	16.61	16.58	16.52	16.38	17.00	0
10	QPSK	1	25	16.38	16.45	16.43	16.39	16.34		
10	QPSK	1	49	16.47	16.43	16.45	16.48	16.49		
10	QPSK	25	0	16.42	16.51	16.48	16.40	16.41	17	0
10	QPSK	25	12	16.30	16.34	16.36	16.39	16.31		
10	QPSK	25	25	16.42	16.40	16.45	16.45	16.42		
10	QPSK	50	0	16.33	16.44	16.43	16.38	16.40	17	0
10	16QAM	1	0	16.38	16.45	16.57	16.40	16.42		
10	16QAM	1	25	16.51	16.38	16.49	16.36	16.43		
10	16QAM	1	49	16.42	16.40	16.45	16.32	16.38	17	0
10	16QAM	25	0	16.41	16.29	16.47	16.40	16.40		
10	16QAM	25	12	16.42	16.38	16.51	16.36	16.47		
10	16QAM	25	25	16.33	16.47	16.45	16.35	16.43	17	0
10	16QAM	50	0	16.39	16.34	16.43	16.23	16.32		
10	64QAM	1	0	16.45	16.31	16.48	16.45	16.50		
10	64QAM	1	25	16.34	16.39	16.44	16.37	16.30	17	0
10	64QAM	1	49	16.43	16.47	16.48	16.40	16.42		
10	64QAM	25	0	16.44	16.47	16.53	16.44	16.53		
10	64QAM	25	12	16.31	16.40	16.44	16.28	16.35	17	0
10	64QAM	25	25	16.36	16.34	16.52	16.35	16.46		
10	64QAM	50	0	16.46	16.43	16.47	16.48	16.52		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2594.5	2543.3	2593	2640.8	2697.6		
5	QPSK	1	0	16.46	16.52	16.52	16.44	16.32	17.00	0
5	QPSK	1	12	16.36	16.44	16.38	16.43	16.30		
5	QPSK	1	24	16.48	16.45	16.50	16.42	16.45		
5	QPSK	12	0	16.53	16.46	16.58	16.40	16.55	17	0
5	QPSK	12	7	16.30	16.37	16.37	16.34	16.34		
5	QPSK	12	13	16.39	16.41	16.53	16.48	16.37		
5	16QAM	25	0	16.39	16.43	16.51	16.35	16.43	17	0
5	16QAM	0	0	16.36	16.44	16.59	16.41	16.50		
5	16QAM	1	12	16.45	16.46	16.54	16.39	16.37		
5	16QAM	1	24	16.44	16.37	16.51	16.30	16.39	17	0
5	16QAM	12	0	16.46	16.32	16.44	16.48	16.45		
5	16QAM	12	7	16.33	16.42	16.43	16.43	16.41		
5	16QAM	12	13	16.38	16.41	16.53	16.44	16.39	17	0
5	16QAM	25	0	16.32	16.30	16.41	16.28	16.34		
5	64QAM	1	0	16.41	16.30	16.55	16.40	16.52		
5	64QAM	1	12	16.25	16.37	16.47	16.36	16.26	17	0
5	64QAM	1	24	16.42	16.46	16.57	16.37	16.48		
5	64QAM	12	0	16.53	16.48	16.55	16.42	16.34		
5	64QAM	12	7	16.35	16.45	16.51	16.31	16.39	17	0
5	64QAM	12	13	16.37	16.28	16.47	16.35	16.41		
5	64QAM	25	0	16.37	16.43	16.48	16.47	16.44		

Reduced Power for Hotspot

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)	32.23	32.28	32.31	33.50	23.23	23.28	23.31	24.50
GSM 1 Tx slot	32.04	32.23	32.22	33.50	23.04	23.23	23.22	24.50
GPRS 1 Tx slot	31.33	31.57	31.51	32.50	25.33	25.57	25.51	26.50
GPRS 2 Tx slots	29.76	29.91	30.06	31.00	25.50	25.65	25.80	26.74
GPRS 3 Tx slots	28.63	28.82	28.74	30.00	25.63	25.82	25.74	27.00
GPRS 4 Tx slots	26.42	26.34	26.02	27.50	17.42	17.34	17.02	18.50
EDGE 1 Tx slot	25.01	24.98	24.71	26.00	19.01	18.96	18.71	20.00
EDGE 2 Tx slots	22.65	22.53	22.32	24.00	18.39	18.27	18.06	19.74
EDGE 3 Tx slots	21.37	21.24	21.11	22.50	18.37	18.24	18.11	19.50
EDGE 4 Tx slots								

Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4357	4407	4458	
Rx Channel	826.4	836.4	846.6	
Frequency (MHz)				
3GPP Rel 99	AMR 12.2Kbps	23.39	23.47	23.22
3GPP Rel 99	AMR 12.2Kbps	23.44	23.51	23.36
3GPP Rel 6	HSDPA Subtest-1	22.36	22.65	22.27
3GPP Rel 6	HSDPA Subtest-2	22.60	22.61	22.42
3GPP Rel 6	HSDPA Subtest-3	21.94	22.24	22.03
3GPP Rel 6	HSDPA Subtest-4	21.79	22.23	21.96
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.63	22.47
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.52	22.40
3GPP Rel 8	DC-HSDPA Subtest-3	22.08	22.01	21.91
3GPP Rel 8	DC-HSDPA Subtest-4	21.92	22.09	22.10
3GPP Rel 6	HSUPA Subtest-1	22.29	22.54	22.41
3GPP Rel 6	HSUPA Subtest-2	20.45	20.52	20.41
3GPP Rel 6	HSUPA Subtest-3	21.52	21.62	21.56
3GPP Rel 6	HSUPA Subtest-4	20.45	20.68	20.59
3GPP Rel 6	HSUPA Subtest-5	22.62	22.72	22.57
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	19.95	20.13

Band 5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836	844				
10	QPSK	1	0	23.24	23.25	23.18	24	0		
10	QPSK	1	25	23.21	23.19	23.12				
10	QPSK	1	49	23.11	23.17	23.07				
10	QPSK	25	0	22.25	22.37	22.24	23	1		
10	QPSK	25	12	22.18	22.31	22.22				
10	QPSK	25	25	22.02	22.33	22.21				
10	QPSK	50	0	22.24	22.34	22.20	23	1		
10	16QAM	1	0	22.38	22.46	22.35				
10	16QAM	1	25	22.22	22.35	22.20				
10	16QAM	1	49	22.31	22.43	22.40	22	2		
10	16QAM	25	0	21.35	21.42	21.28				
10	16QAM	25	12	21.30	21.39	21.32				
10	16QAM	25	25	21.21	21.34	21.21	22	2		
10	16QAM	50	0	21.28	21.37	21.32				
10	64QAM	1	0	21.43	21.47	21.33				
10	64QAM	1	25	21.35	21.45	21.42	22	2		
10	64QAM	1	49	21.26	21.36	21.25				
10	64QAM	25	0	20.35	20.42	20.31				
10	64QAM	25	12	20.25	20.33	20.27	21	3		
10	64QAM	25	25	20.20	20.29	20.25				
10	64QAM	50	0	20.28	20.38	20.29				
Channel				20425	20525	20565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.19	23.22	23.09	24	0		
5	QPSK	1	12	23.10	23.17	23.01				
5	QPSK	1	24	23.02	23.07	22.99				
5	QPSK	12	0	22.11	22.27	22.20	23	1		
5	QPSK	12	7	22.07	22.24	22.14				
5	QPSK	12	13	22.16	22.21	22.11				
5	QPSK	25	0	22.10	22.31	22.16	23	1		
5	16QAM	1	0	22.25	22.37	22.25				
5	16QAM	1	12	22.19	22.23	22.08				
5	16QAM	1	24	22.27	22.37	22.26	22	2		
5	16QAM	12	0	21.23	21.29	21.17				
5	16QAM	12	7	21.23	21.26	21.20				
5	16QAM	12	13	21.08	21.26	21.09	22	2		
5	16QAM	25	0	21.16	21.31	21.28				
5	64QAM	1	0	21.35	21.41	21.24				
5	64QAM	1	12	21.32	21.35	21.38	22	2		
5	64QAM	1	24	21.14	21.23	21.13				
5	64QAM	12	0	20.31	20.35	20.22				
5	64QAM	12	7	20.40	20.30	20.21	21	3		
5	64QAM	12	13	20.09	20.21	20.21				
5	64QAM	25	0	20.21	20.26	20.17				
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.09	23.20	23.13	24	0		
3	QPSK	1	8	23.07	23.19	23.08				
3	QPSK	1	14	23.02	23.03	22.98				
3	QPSK	8	0	22.02	22.24	22.07	23	1		
3	QPSK	8	4	22.08	22.17	22.16				
3	QPSK	8	7	22.12	22.19	22.07				
3	QPSK	15	0	22.17	22.27	22.09	23	1		
3	16QAM	1	0	22.31	22.40	22.31				
3	16QAM	1	8	22.11	22.27	22.06				
3	16QAM	1	14	22.20	22.30	22.28	22	2		
3	16QAM	8	0	21.29	21.36	21.17				
3	16QAM	8	4	21.28	21.29	21.28				
3	16QAM	8	7	21.17	21.28	21.08	22	2		
3	16QAM	15	0	21.18	21.30	21.19				
3	64QAM	1	0	21.30	21.39	21.25				
3	64QAM	1	8	21.31	21.33	21.31	22	2		
3	64QAM	1	14	21.14	21.21	21.21				
3	64QAM	8	0	20.23	20.31	20.24				
3	64QAM	8	4	20.16	20.19	20.23	21	3		
3	64QAM	8	7	20.12	20.19	20.15				
3	64QAM	15	0	20.15	20.30	20.23				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.15	23.18	23.14	24	0		
1.4	QPSK	1	3	23.16	23.14	23.01				
1.4	QPSK	1	5	23.02	23.13	23.01				
1.4	QPSK	3	0	22.19	22.31	22.13	23	1		
1.4	QPSK	3	1	22.11	22.16	22.19				
1.4	QPSK	3	3	22.11	22.24	22.14				
1.4	QPSK	6	0	22.13	22.26	22.11	23	1		
1.4	16QAM	1	0	22.34	22.41	22.24				
1.4	16QAM	1	3	22.15	22.23	22.06				
1.4	16QAM	1	5	22.22	22.30	22.31	23	1		
1.4	16QAM	3	0	21.22	21.28	21.16				
1.4	16QAM	3	1	21.24	21.26	21.28				
1.4	16QAM	3	3	21.06	21.26	21.12	22	2		
1.4	16QAM	6	0	21.18	21.28	21.23				
1.4	64QAM	1	0	21.30	21.32	21.20				
1.4	64QAM	1	3	21.32	21.35	21.28	22	2		
1.4	64QAM	1	5	21.12	21.23	21.21				
1.4	64QAM	3	0	20.29	20.36	20.16				
1.4	64QAM	3	1	20.10	20.22	20.12	22	2		
1.4	64QAM	3	3	20.10	20.24	20.18				
1.4	64QAM	6	0	20.24	20.28	20.22				

Band 7												
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				20560	21100	21560						
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	12.37	12.41	12.30	14	0				
20	QPSK	1	49	12.20	12.32	12.28						
20	QPSK	1	99	12.30	12.35	12.26						
20	QPSK	50	0	12.25	12.38	12.32	14	0				
20	QPSK	50	24	12.26	12.30	12.20						
20	QPSK	50	50	12.22	12.35	12.28						
20	QPSK	100	0	12.25	12.33	12.24	14	0				
20	16QAM	1	0	12.22	12.36	12.33						
20	16QAM	1	49	12.34	12.39	12.24						
20	16QAM	1	99	12.26	12.38	12.30	14	0				
20	16QAM	50	0	12.26	12.37	12.29						
20	16QAM	50	24	12.19	12.34	12.30						
20	16QAM	50	50	12.16	12.30	12.18	14	0				
20	16QAM	100	0	12.25	12.31	12.18						
20	64QAM	1	0	12.27	12.34	12.25						
20	64QAM	1	49	12.22	12.33	12.28	14	0				
20	64QAM	1	99	12.31	12.36	12.26						
20	64QAM	50	0	12.21	12.34	12.23	14	0				
20	64QAM	50	24	12.17	12.32	12.18						
20	64QAM	50	50	12.22	12.30	12.22						
20	64QAM	100	0	12.17	12.28	12.14	14	0				
Channel				20525	21100	21575			Tune-up limit (dBm) MPR (dB)			
Frequency (MHz)				2507.5	2535	2562.5						
15	QPSK	1	0	12.27	12.32	12.24	14	0				
15	QPSK	1	37	12.17	12.19	12.14						
15	QPSK	1	74	12.19	12.29	12.13						
15	QPSK	36	0	12.18	12.30	12.29	14	0				
15	QPSK	36	20	12.15	12.15	12.17						
15	QPSK	36	38	12.14	12.31	12.17						
15	QPSK	75	0	12.22	12.28	12.16	14	0				
15	16QAM	1	0	12.17	12.28	12.25						
15	16QAM	1	37	12.20	12.31	12.18						
15	16QAM	1	74	12.19	12.30	12.20	14	0				
15	16QAM	36	0	12.16	12.24	12.18						
15	16QAM	36	20	12.13	12.22	12.20						
15	16QAM	36	38	12.11	12.23	12.11	14	0				
15	16QAM	75	0	12.14	12.27	12.04						
15	64QAM	1	0	12.19	12.21	12.17						
15	64QAM	1	37	12.14	12.21	12.20	14	0				
15	64QAM	1	74	12.17	12.31	12.17						
15	64QAM	36	0	12.14	12.26	12.17						
15	64QAM	36	20	12.13	12.24	12.12	14	0				
15	64QAM	36	38	12.12	12.31	12.11						
15	64QAM	75	0	12.13	12.17	12.05						
Channel				20500	21100	21400	Tune-up limit (dBm) MPR (dB)					
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	12.32	12.30	12.17	14	0				
10	QPSK	1	25	12.06	12.22	12.13						
10	QPSK	1	49	12.15	12.29	12.20						
10	QPSK	25	0	12.21	12.34	12.28	14	0				
10	QPSK	12	0	12.12	12.26	12.24						
10	QPSK	25	25	12.18	12.21	12.17						
10	QPSK	50	0	12.19	12.27	12.12	14	0				
10	16QAM	1	0	12.16	12.29	12.21						
10	16QAM	1	25	12.28	12.27	12.09						
10	16QAM	1	49	12.12	12.30	12.19	14	0				
10	16QAM	25	0	12.12	12.26	12.16						
10	16QAM	25	12	12.10	12.29	12.23						
10	16QAM	25	25	12.05	12.15	12.08	14	0				
10	16QAM	50	0	12.22	12.26	12.14						
10	64QAM	1	0	12.19	12.28	12.19						
10	64QAM	1	25	12.12	12.26	12.16	14	0				
10	64QAM	1	49	12.18	12.22	12.21						
10	64QAM	25	0	12.17	12.24	12.15						
10	64QAM	25	12	12.05	12.26	12.27	14	0				
10	64QAM	25	25	12.17	12.25	12.12						
10	64QAM	50	0	12.12	12.24	12.02						
Channel				20775	21100	21425	Tune-up limit (dBm) MPR (dB)					
Frequency (MHz)				2502.5	2535	2567.5						
5	QPSK	1	0	12.33	12.33	12.17	14	0				
5	QPSK	1	12	12.08	12.27	12.23						
5	QPSK	1	24	12.25	12.30	12.18						
5	QPSK	12	0	12.20	12.28	12.27	14	0				
5	QPSK	12	7	12.15	12.16	12.17						
5	QPSK	12	13	12.08	12.30	12.25						
5	QPSK	25	0	12.14	12.20	12.20	14	0				
5	16QAM	1	0	12.14	12.30	12.25						
5	16QAM	1	12	12.19	12.34	12.18						
5	16QAM	1	24	12.17	12.29	12.18	14	0				
5	16QAM	12	0	12.17	12.30	12.23						
5	16QAM	12	7	12.11	12.27	12.17						
5	16QAM	12	13	12.03	12.26	12.09	14	0				
5	16QAM	25	0	12.10	12.24	12.14						
5	64QAM	1	0	12.19	12.26	12.18						
5	64QAM	1	12	12.17	12.21	12.13	14	0				
5	64QAM	1	24	12.16	12.23	12.13						
5	64QAM	12	0	12.18	12.28	12.18						
5	64QAM	12	7	12.09	12.21	12.13	14	0				
5	64QAM	12	13	12.17	12.23	12.08						
5	64QAM	25	0	12.08	12.17	12.00						

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	16	0	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	15.54	15.64	15.58			
20	QPSK	1	49	15.53	15.62	15.51			
20	QPSK	1	99	15.43	15.55	15.42	16	0	
20	QPSK	50	0	15.51	15.61	15.50			
20	QPSK	50	24	15.55	15.59	15.55			
20	QPSK	50	50	15.42	15.53	15.44			
20	QPSK	100	0	15.51	15.57	15.43	16	0	
20	16QAM	1	0	15.59	15.62	15.55			
20	16QAM	1	49	15.50	15.55	15.47			
20	16QAM	1	99	15.53	15.58	15.53			
20	16QAM	50	0	15.52	15.56	15.47	16	0	
20	16QAM	50	24	15.55	15.63	15.59			
20	16QAM	50	50	15.45	15.59	15.48			
20	16QAM	100	0	15.43	15.55	15.47			
20	64QAM	1	0	15.52	15.60	15.53	16	0	
20	64QAM	1	49	15.51	15.59	15.45			
20	64QAM	1	99	15.38	15.47	15.35			
20	64QAM	50	0	15.49	15.61	15.48			
20	64QAM	50	24	15.54	15.57	15.42	16	0	
20	64QAM	50	50	15.46	15.55	15.50			
20	64QAM	100	0	15.51	15.59	15.45			
Channel				2577.5	2595	2612.5	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				15.40	15.53	15.43	16	0	
15	QPSK	1	0	15.40 <td>15.53<td>15.50</td></td>	15.53 <td>15.50</td>	15.50			
15	QPSK	1	37	15.40 <td>15.50<td>15.43</td></td>	15.50 <td>15.43</td>	15.43			
15	QPSK	1	74	15.30 <td>15.40<td>15.35</td></td>	15.40 <td>15.35</td>	15.35			
15	QPSK	36	0	15.47	15.48	15.45	16	0	
15	QPSK	36	20	15.51	15.46	15.44			
15	QPSK	36	39	15.28	15.47	15.35			
15	QPSK	75	0	15.38	15.53	15.35			
15	16QAM	1	0	15.55	15.52	15.48	16	0	
15	16QAM	1	37	15.41	15.50	15.41			
15	16QAM	1	74	15.50	15.49	15.38			
15	16QAM	36	0	15.44	15.50	15.42			
15	16QAM	36	20	15.41	15.50	15.51	16	0	
15	16QAM	36	39	15.32	15.47	15.45			
15	16QAM	75	0	15.39	15.41	15.37			
15	64QAM	1	0	15.42	15.51	15.50			
15	64QAM	1	37	15.37	15.49	15.37	16	0	
15	64QAM	1	74	15.30	15.44	15.31			
15	64QAM	36	0	15.35	15.47	15.34			
15	64QAM	36	20	15.50	15.44	15.31			
15	64QAM	36	39	15.40	15.48	15.42	16	0	
15	64QAM	75	0	15.38	15.47	15.41			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	16	0	
10	QPSK	1	0	15.47	15.53	15.49			
10	QPSK	1	25	15.50	15.49	15.44			
10	QPSK	1	49	15.38	15.52	15.29			
10	QPSK	25	0	15.36	15.51	15.45	16	0	
10	QPSK	25	12	15.45	15.51	15.43			
10	QPSK	25	25	15.35	15.39	15.34			
10	QPSK	50	0	15.37	15.43	15.29			
10	16QAM	1	0	15.48	15.48	15.42	16	0	
10	16QAM	1	25	15.38	15.52	15.33			
10	16QAM	1	49	15.43	15.55	15.48			
10	16QAM	25	0	15.39	15.53	15.40			
10	16QAM	25	12	15.44	15.48	15.49	16	0	
10	16QAM	25	25	15.39	15.54	15.44			
10	16QAM	50	0	15.39	15.46	15.40			
10	64QAM	1	0	15.48	15.56	15.49			
10	64QAM	1	25	15.45	15.51	15.35	16	0	
10	64QAM	1	49	15.23	15.37	15.26			
10	64QAM	25	0	15.41	15.47	15.37			
10	64QAM	25	12	15.46	15.54	15.33			
10	64QAM	25	25	15.39	15.41	15.39	16	0	
10	64QAM	25	12	15.46	15.54	15.33			
10	64QAM	50	0	15.37	15.52	15.35			
Channel				37775	38000	38225	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	16	0	
5	QPSK	1	0	15.47	15.52	15.49			
5	QPSK	1	12	15.42	15.50	15.44			
5	QPSK	1	24	15.30	15.44	15.29			
5	QPSK	12	0	15.44	15.50	15.44	16	0	
5	QPSK	12	7	15.49	15.49	15.49			
5	QPSK	12	13	15.34	15.48	15.33			
5	QPSK	25	0	15.42	15.43	15.37			
5	16QAM	1	0	15.53	15.53	15.46	16	0	
5	16QAM	1	12	15.36	15.41	15.32			
5	16QAM	1	24	15.39	15.54	15.40			
5	16QAM	12	0	15.44	15.43	15.41			
5	16QAM	12	7	15.50	15.56	15.46	16	0	
5	16QAM	12	13	15.37	15.55	15.44			
5	16QAM	25	0	15.33	15.43	15.37			
5	64QAM	1	0	15.39	15.45	15.42			
5	64QAM	1	12	15.44	15.52	15.39	16	0	
5	64QAM	1	24	15.31	15.34	15.26			
5	64QAM	12	0	15.38	15.58	15.36			
5	64QAM	12	7	15.42	15.54	15.35			
5	64QAM	12	13	15.32	15.47	15.35	16	0	
5	64QAM	25	0	15.45	15.46	15.36			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	16	0
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.62	15.59	15.69	15.65	15.57		
20	QPSK	1	49	15.54	15.50	15.62	15.49	15.49		
20	QPSK	1	99	15.50	15.53	15.58	15.51	15.53	16	0
20	QPSK	50	0	15.53	15.60	15.68	15.53	15.63		
20	QPSK	50	24	15.48	15.52	15.61	15.46	15.50		
20	QPSK	50	50	15.53	15.56	15.64	15.52	15.59		
20	QPSK	100	0	15.51	15.52	15.59	15.50	15.49	16	0
20	16QAM	1	0	15.54	15.63	15.67	15.58	15.59		
20	16QAM	1	49	15.48	15.53	15.58	15.44	15.48		
20	16QAM	1	99	15.55	15.51	15.61	15.51	15.45		
20	16QAM	50	0	15.44	15.54	15.58	15.44	15.44	16	0
20	16QAM	50	24	15.57	15.65	15.69	15.62	15.66		
20	16QAM	50	50	15.63	15.51	15.66	15.52	15.53		
20	16QAM	100	0	15.48	15.47	15.59	15.45	15.48		
20	64QAM	1	0	15.59	15.60	15.68	15.57	15.54	16	0
20	64QAM	1	49	15.55	15.51	15.65	15.51	15.61		
20	64QAM	1	99	15.49	15.43	15.57	15.45	15.45		
20	64QAM	50	0	15.56	15.55	15.67	15.55	15.56		
20	64QAM	50	24	15.54	15.47	15.57	15.49	15.48	16	0
20	64QAM	50	50	15.51	15.47	15.62	15.50	15.57		
20	64QAM	100	0	15.52	15.54	15.60	15.46	15.50		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	15.47	15.50	15.58	15.55	15.44	16.00	0
15	QPSK	1	37	15.49	15.40	15.55	15.40	15.35		
15	QPSK	1	74	15.42	15.36	15.51	15.39	15.46		
15	QPSK	36	0	15.49	15.46	15.35	15.45	15.59		
15	QPSK	36	20	15.38	15.40	15.47	15.42	15.37	16	0
15	QPSK	36	39	15.50	15.45	15.59	15.44	15.56		
15	QPSK	75	0	15.38	15.38	15.49	15.35	15.42	16	0
15	16QAM	1	0	15.44	15.52	15.63	15.46	15.51		
15	16QAM	1	37	15.41	15.49	15.45	15.33	15.43		
15	16QAM	1	74	15.41	15.43	15.52	15.49	15.35		
15	16QAM	36	0	15.29	15.46	15.37	15.37	15.36	16	0
15	16QAM	36	20	15.44	15.50	15.63	15.56	15.59		
15	16QAM	36	39	15.50	15.48	15.62	15.44	15.44		
15	16QAM	75	0	15.42	15.42	15.56	15.42	15.45		
15	64QAM	1	0	15.47	15.54	15.54	15.50	15.47	16	0
15	64QAM	1	37	15.50	15.44	15.56	15.44	15.51		
15	64QAM	1	74	15.45	15.31	15.50	15.37	15.38		
15	64QAM	36	0	15.44	15.46	15.63	15.51	15.46		
15	64QAM	36	20	15.48	15.40	15.47	15.41	15.39	16	0
15	64QAM	36	39	15.37	15.34	15.56	15.45	15.48		
15	64QAM	75	0	15.46	15.48	15.48	15.46	15.37		
Channel				39750	40169	40620	41080	41549	Tune-up limit	MPR
Frequency (MHz)				2593	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	15.55	15.55	15.61	15.57	15.47	16.00	0
10	QPSK	1	25	15.45	15.35	15.52	15.41	15.45		
10	QPSK	1	49	15.45	15.38	15.56	15.37	15.41		
10	QPSK	25	0	15.42	15.47	15.59	15.50	15.48		
10	QPSK	25	12	15.39	15.40	15.57	15.40	15.40	16	0
10	QPSK	25	25	15.41	15.46	15.54	15.44	15.56		
10	QPSK	50	0	15.43	15.47	15.52	15.46	15.39	16	0
10	16QAM	1	0	15.41	15.48	15.56	15.44	15.56		
10	16QAM	1	25	15.42	15.46	15.48	15.40	15.45		
10	16QAM	1	49	15.45	15.39	15.51	15.51	15.37		
10	16QAM	25	0	15.31	15.49	15.44	15.40	15.48	16	0
10	16QAM	25	12	15.49	15.50	15.62	15.38	15.55		
10	16QAM	25	25	15.57	15.40	15.58	15.42	15.40	16	0
10	16QAM	50	0	15.33	15.42	15.51	15.37	15.36		
10	64QAM	1	0	15.52	15.45	15.59	15.49	15.48		
10	64QAM	1	25	15.48	15.45	15.56	15.46	15.54		
10	64QAM	1	49	15.44	15.37	15.46	15.40	15.32	16	0
10	64QAM	25	0	15.43	15.41	15.57	15.46	15.43		
10	64QAM	25	12	15.42	15.39	15.44	15.40	15.42	16	0
10	64QAM	25	25	15.47	15.35	15.50	15.39	15.43		
10	64QAM	50	0	15.43	15.46	15.49	15.38	15.43	16	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2594.5	2543.5	2593	2639.5	2685.5		
5	QPSK	1	0	15.54	15.55	15.67	15.57	15.51		
5	QPSK	1	12	15.49	15.43	15.59	15.35	15.38	16.00	0
5	QPSK	1	24	15.39	15.35	15.49	15.45	15.45		
5	QPSK	12	0	15.43	15.52	15.53	15.45	15.48		
5	QPSK	12	7	15.37	15.41	15.56	15.33	15.39		
5	QPSK	12	13	15.42	15.44	15.56	15.48	15.55	16	0
5	QPSK	25	0	15.45	15.46	15.53	15.42	15.39		
5	16QAM	0	0	15.40	15.51	15.54	15.45	15.45	16	0
5	16QAM	1	12	15.42	15.47	15.46	15.40	15.47		
5	16QAM	1	24	15.48	15.40	15.56	15.48	15.40		
5	16QAM	12	0	15.38	15.49	15.53	15.32	15.35		
5	16QAM	12	7	15.48	15.56	15.63	15.57	15.62	16	0
5	16QAM	12	13	15.35	15.44	15.43	15.46	15.40		
5	16QAM	25	0	15.33	15.39	15.47	15.38	15.40	16	0
5	64QAM	1	0	15.51	15.54	15.59	15.52	15.45		
5	64QAM	1	12	15.42	15.38	15.60	15.42	15.57		
5	64QAM	1	24	15.41	15.35	15.48	15.38	15.38		
5	64QAM	12	0	15.50	15.40	15.53	15.45	15.46	16	0
5	64QAM	12	7	15.51	15.34	15.47	15.36	15.39		
5	64QAM	12	13	15.38	15.44	15.54	15.46	15.52	16	0
5	64QAM	25	0	15.42	15.48	15.46	15.42	15.37		

WLAN/Bluetooth Power

					Full Power For Head SAR For Body-worn SAR For Extremity SAR For Hotspot SAR	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.84	19.50	99.31
		6	2437	17.76	19.50	
		11	2462	18.02	19.50	
	802.11g 6Mbps	1	2412	15.78	17.50	96.98
		6	2437	17.14	18.50	
		11	2462	16.36	18.00	
	802.11n-HT20 MCS0	1	2412	14.59	16.50	96.76
		6	2437	16.67	18.50	
		11	2462	15.10	17.00	
	802.11n-HT40 MCS0	3	2422	12.70	14.50	93.74
		6	2437	16.04	17.50	
		9	2452	13.44	15.00	

Full Power						For Head SAR		For Body-worn SAR For Extremity SAR For Hotspot SAR		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.45	16.00		16.00	Not Required	16.00	96.97
		40	5200	17.95	19.50		18.50		16.00	
		44	5220	17.72	19.50		18.50		16.00	
		48	5240	17.70	19.50		18.50		16.00	
	802.11n-HT20 MCS0	36	5180	14.67	16.50	Not Required	16.50	Not Required	16.00	96.77
		40	5200	17.30	19.00		18.50		16.00	
		44	5220	17.11	19.00		18.50		16.00	
		48	5240	17.06	19.00		18.50		16.00	
	802.11n-HT40 MCS0	38	5190	10.13	12.00		12.00	10.13	12.00	93.73
		46	5230	16.01	17.50		17.50		16.00	
	802.11ac-VHT20 MCS0	36	5180	14.69	16.50		16.50	Not Required	16.00	96.79
		40	5200	17.35	19.00		18.50		16.00	
		44	5220	17.24	19.00		18.50		16.00	
		48	5240	17.09	19.00		18.50		16.00	
	802.11ac-VHT40 MCS0	38	5190	10.07	12.00	10.07	12.00		12.00	92.96
		46	5230	16.67	18.50		18.50		16.00	
	802.11ac-VHT80 MCS0	42	5210	13.52	15.00	Not Required	15.00		15.00	87.16

Full Power						For Head SAR		For Body-worn SAR For Extremity SAR		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.75	19.50	Not Required	18.50	Not Required	16.00	96.97
		56	5280	17.71	19.50		18.50		16.00	
		60	5300	17.77	19.50		18.50		16.00	
		64	5320	15.16	17.00		17.00		16.00	
	802.11n-HT20 MCS0	52	5260	17.29	19.00	Not Required	18.50	Not Required	16.00	96.77
		56	5280	17.18	19.00		18.50		16.00	
		60	5300	17.15	19.00		18.50		16.00	
		64	5320	14.66	16.50		16.50		16.00	
	802.11n-HT40 MCS0	54	5270	17.13	19.00	16.68	18.50	14.01	16.00	93.73
		62	5310	14.36	16.00	14.36	16.00	13.85	15.50	
	802.11ac-VHT20 MCS0	52	5260	17.31	19.00	Not Required	18.50	Not Required	16.00	96.79
		56	5280	17.20	19.00		18.50		16.00	
		60	5300	17.23	19.00		18.50		16.00	
		64	5320	14.73	16.50		16.50		16.00	
	802.11ac-VHT40 MCS0	54	5270	16.62	18.50		18.50		16.00	92.96
		62	5310	14.35	16.00		16.00		16.00	
	802.11ac-VHT80 MCS0	58	5290	12.18	14.00		14.00		14.00	87.16

				Full Power		For Head SAR		For Body-worn SAR For Extremity SAR			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.62	17.00	Not Required	17.00	Not Required	17.00	96.97	
		116	5580	17.54	19.00		18.00		17.00		
		132	5660	17.41	19.00		18.00		17.00		
		140	5700	14.02	15.50		15.50		15.50		
	802.11n-HT20 MCS0	100	5500	15.03	16.50	Not Required	16.50	Not Required	16.50	96.77	
		116	5580	17.09	19.00		18.00		17.00		
		132	5660	16.86	18.50		18.00		17.00		
		140	5700	14.13	16.00		16.00		16.00		
	802.11n-HT40 MCS0	102	5510	12.23	14.00	12.23	14.00	12.23	14.00	93.73	
		110	5550	17.07	18.50	16.70	18.00	15.33	17.00		
		134	5670	16.82	18.50	16.30	18.00	15.24	17.00		
	802.11ac-VHT20 MCS0	100	5500	15.06	16.50	Not Required	16.50	Not Required	16.50	96.79	
		116	5580	17.11	19.00		18.00		17.00		
		132	5660	16.81	18.50		18.00		17.00		
		140	5700	14.15	16.00		16.00		16.00		
	802.11ac-VHT40 MCS0	102	5510	12.21	14.00	Not Required	14.00	Not Required	14.00	92.96	
		110	5550	16.74	18.00		16.00		17.00		
			134	5670	16.39	18.00		18.00		17.00	
		802.11ac-VHT80 MCS0	106	5530	13.67	15.50		15.50		15.50	87.16

					Full Power		For Head SAR		For Bodyworn SAR For Extremity SAR For Hotspot SAR		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.24	19.00	Not Required	18.00	Not Required	16.00	96.97	
		157	5785	17.52	19.00		18.00		16.00		
		165	5825	17.35	19.00		18.00		16.00		
	802.11n-HT20 MCS0	149	5745	16.80	18.50	Not Required	18.00	Not Required	16.00	96.77	
		157	5785	17.01	18.50		18.00		16.00		
		165	5825	16.76	18.50		18.00		16.00		
	802.11n-HT40 MCS0	151	5755	16.93	18.50	16.48	18.00	Not Required	16.00	93.73	
		159	5795	16.85	18.50	16.25	18.00		16.00		
		149	5745	16.82	18.50	18.00	16.00				
	802.11ac-VHT20 MCS0	157	5785	17.07	18.50	Not Required	18.00	Not Required	16.00	96.79	
		165	5825	16.86	18.50		18.00		16.00		
		151	5755	16.30	18.00		18.00		16.00		
	802.11ac-VHT40 MCS0	159	5795	16.39	18.00		18.00	Not Required	16.00	92.96	
		155	5775	16.02	17.50		17.50		14.71		16.00



BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	10.42	7.87	8.17	12.00
	CH 39	2441	10.01	7.94	7.97	11.50
	CH 78	2480	9.65	7.85	8.06	11.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.32
	CH 19	2440	6.28
	CH 39	2480	4.97
Tune-up Limit			7

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.43
	CH 19	2440	6.23
	CH 39	2480	5.37
Tune-up Limit			7.00