

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power Mode									
GSM850		Burst Average Power (dBm)			Tune-up Limit		Frame Average Power (dBm)		
TX Channel		128	160	251	Limit		128	160	251
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8
GSM 1 Tx slot		32.72	32.81	32.82	33.50		23.72	23.81	23.82
GPRS 1 Tx slot		32.81	32.85	32.83	33.50		23.81	23.85	23.83
GPRS 2 Tx slots		30.75	30.74	31.22	32.50		24.75	24.74	25.22
GPRS 3 Tx slots		28.59	28.57	28.80	30.50		24.33	24.31	24.54
GPRS 4 Tx slots		26.37	26.25	26.67	28.00		23.37	23.25	23.67
EDGE 1 Tx slot		26.52	26.31	26.48	28.00		17.52	17.31	17.48
EDGE 2 Tx slots		24.06	24.14	24.26	25.50		18.06	18.14	18.26
EDGE 3 Tx slots		22.19	22.58	22.62	23.50		17.83	18.32	18.36
EDGE 4 Tx slots		20.34	20.38	20.46	21.50		17.34	17.38	17.46

GSM1900		Burst Average Power (dBm)			Tune-up Limit		Frame Average Power (dBm)		
TX Channel		512	661	810	Limit		512	661	810
Frequency (MHz)		1525.2	1610.0	1695.0	(dBm)		1525.2	1610.0	1695.0
GSM 1 Tx slot		29.90	29.95	29.84	30.50		20.90	20.95	20.84
GPRS 1 Tx slot		26.81	26.95	26.74	30.50		20.81	20.95	20.74
GPRS 2 Tx slots		26.85	26.98	26.89	30.00		22.85	22.98	22.89
GPRS 3 Tx slots		26.43	26.59	26.54	28.00		22.17	22.33	22.28
GPRS 4 Tx slots		24.28	24.36	24.31	25.50		21.28	21.36	21.31
EDGE 1 Tx slot		25.83	25.91	25.75	27.50		16.83	16.91	16.75
EDGE 2 Tx slots		24.71	24.83	24.65	26.50		18.71	18.83	18.65
EDGE 3 Tx slots		22.56	22.53	22.50	24.00		18.30	18.27	18.24
EDGE 4 Tx slots		20.23	20.47	20.30	21.50		17.23	17.47	17.30

Band		WCDMA II			Tune-up Limit		WCDMA V		
TX Channel		8262	8600	8638	Limit		4152	4162	4253
Rx Channel		9682	9690	9698	(dBm)		4357	4407	4458
Frequency (MHz)		1852.4	1880	1907.8	(dBm)		836.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	23.51	23.66	23.64	24.00		23.18	23.37	23.40
3GPP Rel 99	RM-C 12.2Kbps	23.53	23.67	23.65	24.00		23.19	23.38	23.41
3GPP Rel 6	HS-DS-SS Subtest-1	22.44	22.52	22.43	23.00		22.23	22.37	22.36
3GPP Rel 6	HS-DS-SS Subtest-2	22.48	22.54	22.45	23.00		22.23	22.38	22.38
3GPP Rel 6	HS-DS-SS Subtest-3	21.89	22.02	21.95	22.50		21.70	21.84	21.84
3GPP Rel 6	HS-DS-SS Subtest-4	21.87	22.02	21.90	22.50		21.72	21.87	21.87
3GPP Rel 8	DC-HS-SS Subtest-1	22.43	22.60	22.64	23.00		22.19	22.29	22.10
3GPP Rel 8	DC-HS-SS Subtest-2	22.45	22.61	22.72	23.00		22.23	22.23	22.02
3GPP Rel 8	DC-HS-SS Subtest-3	21.98	22.10	22.33	22.50		21.73	21.79	21.62
3GPP Rel 8	DC-HS-SS Subtest-4	21.92	22.05	22.18	22.50		21.77	21.73	21.54
3GPP Rel 6	HS-UPA Subtest-1	22.48	22.52	22.48	23.00		22.27	22.41	22.09
3GPP Rel 6	HS-UPA Subtest-2	20.49	20.50	20.45	21.00		20.27	20.37	20.34
3GPP Rel 6	HS-UPA Subtest-3	21.46	21.54	21.48	22.00		21.27	21.41	21.30
3GPP Rel 6	HS-UPA Subtest-4	20.44	20.51	20.45	21.00		20.28	20.41	20.34
3GPP Rel 6	HS-UPA Subtest-5	22.50	22.50	22.50	23.00		22.30	22.40	22.40

Band 2 (1900MHz Band) Part 24E												
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	23.54	23.52	23.67	24	0				
20	QPSK	1	49	23.32	23.42	23.40						
20	QPSK	1	99	23.49	23.50	23.59						
20	QPSK	50	0	22.36	22.49	22.53	23	1				
20	QPSK	50	24	22.38	22.50	22.56						
20	QPSK	50	50	22.33	22.48	22.48						
20	QPSK	100	0	22.39	22.61	22.64	23	1				
20	16QAM	1	0	22.76	22.90	22.95						
20	16QAM	1	49	22.59	22.71	22.65						
20	16QAM	1	99	22.76	22.80	22.71	22	2				
20	16QAM	50	0	21.36	21.45	21.51						
20	16QAM	50	24	21.37	21.50	21.58						
20	16QAM	50	50	21.38	21.51	21.52	22	2				
20	16QAM	100	0	21.42	21.55	21.53						
20	64QAM	1	0	21.66	21.79	21.89						
20	64QAM	1	49	21.53	21.61	21.57	22	2				
20	64QAM	1	99	21.70	21.72	21.76						
20	64QAM	50	0	20.37	20.48	20.49						
20	64QAM	50	24	20.41	20.51	20.58	21	3				
20	64QAM	50	50	20.37	20.54	20.51						
20	64QAM	100	0	20.42	20.53	20.52						
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.34	23.32	23.59	24	0				
15	QPSK	1	37	23.29	23.41	23.42						
15	QPSK	1	74	23.58	23.61	23.59						
15	QPSK	36	0	22.29	22.41	22.52	23	1				
15	QPSK	36	20	22.37	22.47	22.50						
15	QPSK	36	39	22.33	22.50	22.51						
15	QPSK	75	0	22.25	22.51	22.51	23	1				
15	16QAM	1	0	22.63	22.80	22.87						
15	16QAM	1	37	22.54	22.71	22.60						
15	16QAM	1	74	22.81	22.97	22.78	22	2				
15	16QAM	36	0	21.33	21.39	21.52						
15	16QAM	36	20	21.39	21.46	21.45						
15	16QAM	36	39	21.36	21.46	21.45	22	2				
15	16QAM	75	0	21.30	21.54	21.53						
15	64QAM	1	0	21.77	21.82	21.88						
15	64QAM	1	37	21.35	21.37	21.42	22	2				
15	64QAM	1	74	21.81	21.87	21.80						
15	64QAM	36	0	20.36	20.44	20.53						
15	64QAM	36	20	20.40	20.47	20.51	21	3				
15	64QAM	36	39	20.39	20.49	20.50						
15	64QAM	75	0	20.28	20.53	20.52						
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.37	23.45	23.61	24	0				
10	QPSK	1	25	23.11	23.20	23.25						
10	QPSK	1	49	23.45	23.55	23.58						
10	QPSK	25	0	22.16	22.28	22.29	23	1				
10	QPSK	25	12	22.12	22.27	22.22						
10	QPSK	25	25	22.22	22.27	22.31						
10	QPSK	50	0	22.14	22.28	22.25	23	1				
10	16QAM	1	0	22.71	22.76	22.66						
10	16QAM	1	25	22.45	22.54	22.44						
10	16QAM	1	49	22.62	22.81	22.60	22	2				
10	16QAM	25	0	21.22	21.31	21.32						
10	16QAM	25	12	21.18	21.25	21.21						
10	16QAM	25	25	21.25	21.25	21.28	22	2				
10	16QAM	50	0	21.18	21.30	21.27						
10	64QAM	1	0	21.58	21.67	21.62						
10	64QAM	1	25	21.23	21.33	21.29	22	2				
10	64QAM	1	49	21.57	21.62	21.62						
10	64QAM	25	0	20.22	20.30	20.32						
10	64QAM	25	12	20.20	20.27	20.23	21	3				
10	64QAM	25	25	20.29	20.30	20.32						
10	64QAM	50	0	20.18	20.30	20.27						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.28	23.42	23.47	24	0				
5	QPSK	1	12	23.10	23.16	23.25						
5	QPSK	1	24	23.12	23.14	23.23						
5	QPSK	12	0	22.18	22.28	22.23	23	1				
5	QPSK	12	7	22.15	22.23	22.22						
5	QPSK	12	13	22.10	22.19	22.21						
5	QPSK	25	0	22.17	22.26	22.27	23	1				
5	16QAM	1	0	22.58	22.68	22.54						
5	16QAM	1	12	22.42	22.48	22.45						
5	16QAM	1	24	22.39	22.47	22.49	22	2				
5	16QAM	12	0	21.25	21.29	21.28						
5	16QAM	12	7	21.21	21.26	21.25						
5	16QAM	12	13	21.17	21.22	21.24	22	2				
5	16QAM	25	0	21.21	21.25	21.27						
5	64QAM	1	0	21.47	21.53	21.45						
5	64QAM	1	12	21.31	21.40	21.40	22	2				
5	64QAM	1	24	21.26	21.33	21.28						
5	64QAM	12	0	20.28	20.34	20.30						
5	64QAM	12	7	20.22	20.29	20.30	21	3				
5	64QAM	12	13	20.16	20.22	20.27						
5	64QAM	25	0	20.21	20.27	20.31						
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.31	23.36	23.65	24	0				
3	QPSK	1	8	23.16	23.20	23.20						
3	QPSK	1	14	23.10	23.13	23.13						
3	QPSK	8	0	22.15	22.20	22.20	23	1				
3	QPSK	8	4	22.15	22.22	22.20						
3	QPSK	8	7	22.07	22.18	22.18						
3	QPSK	15	0	22.11	22.19	22.22	23	1				
3	16QAM	1	0	22.53	22.62	22.55						
3	16QAM	1	8	22.47	22.53	22.55						
3	16QAM	1	14	22.44	22.47	22.43	22	2				
3	16QAM	8	0	21.24	21.27	21.24						
3	16QAM	8	4	21.23	21.28	21.25						
3	16QAM	8	7	21.20	21.23	21.19	22	2				
3	16QAM	15	0	21.15	21.22	21.23						
3	64QAM	1	0	21.36	21.43	21.37						
3	64QAM	1	8	21.37	21.36	21.31	22	2				
3	64QAM	1	14	21.28	21.35	21.33						
3	64QAM	8	0	20.22	20.28	20.26						
3	64QAM	8	4	20.25	20.28	20.23	21	3				
3	64QAM	8	7	20.18	20.22	20.22						
3	64QAM	15	0	20.17	20.23	20.20						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.50	23.48	23.69	24	0				
1.4	QPSK	1	0	23.44	23.44	23.68						
1.4	QPSK	1	3	23.24	23.24	23.47						
1.4	QPSK	1	0	23.16	23.19	23.08	23	1				
1.4	QPSK	3	0	23.20	23.23	23.21						
1.4	QPSK	3	1	23.24	23.21	23.21						
1.4	QPSK	3	3	23.20	23.19	23.21	23	1				
1.4	QPSK	6	0	22.13	22.24	22.17						
1.4	16QAM	1	0	22.52	22.60	22.55						
1.4	16QAM	1	3	22.52	22.59	22.58	23	1				
1.4	16QAM	1	5	22.46	22.55	22.46						
1.4	16QAM	3	0	22.25	22.27	22.19						
1.4	16QAM	3	1	22.26	22.24	22.19	22	2				
1.4	16QAM	6	0	21.27	21.28	21.30						
1.4	64QAM	1	0	21.43	21.42	21.36						
1.4	64QAM	1	3	21.39	21.38	21.39	22	2				
1.4	64QAM	1	5	21.37	21.36	21.31						
1.4	64QAM	3	0	21.33	21.34	21.33						
1.4	64QAM	3	1	21.41	21.42	21.42	21	3				
1.4	64QAM	3	3	21.37	21.38	21.32						
1.4	64QAM	6	0	20.23	20.24	20.19						

Band 26 for FCC (only on channel required)									
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				26765	26865	26965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.24	23.21	23.18	23	1	
15	QPSK	1	37	23.30	23.26	23.27			
15	QPSK	1	74	23.55	23.48	23.23			
15	QPSK	36	0	22.40	22.29	22.39			
15	QPSK	36	20	22.12	22.11	22.05	22	2	
15	QPSK	36	39	22.10	22.08	22.04			
15	QPSK	75	0	22.20	22.12	22.15			
15	16QAM	1	0	22.75	22.51	22.71			
15	16QAM	1	37	22.42	22.36	22.25	23	1	
15	16QAM	1	74	22.71	22.73	22.42			
15	16QAM	36	0	21.27	21.25	21.41			
15	16QAM	36	20	21.10	21.13	21.06			
15	16QAM	36	39	21.05	21.08	21.09	22	2	
15	16QAM	75	0	21.13	21.09	21.13			
15	64QAM	1	0	21.46	21.37	21.73			
15	64QAM	1	37	21.24	21.17	21.22			
15	64QAM	1	74	21.70	21.70	21.38	21	3	
15	64QAM	36	0	20.31	20.35	20.46			
15	64QAM	36	20	20.13	20.17	20.12			
15	64QAM	36	39	20.14	20.12	19.88			
15	64QAM	75	0	20.13	20.09	20.14	24	0	
Channel				26740	26865	26990	24	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.13	23.38	23.09	24	0	
10	QPSK	1	25	23.32	23.29	23.13			
10	QPSK	1	49	23.40	23.44	23.18			
10	QPSK	25	0	22.15	22.21	22.15			
10	QPSK	25	12	22.18	22.24	22.04	23	1	
10	QPSK	25	25	22.21	22.34	22.07			
10	QPSK	50	0	22.19	22.27	22.07			
10	16QAM	1	0	22.67	22.68	22.64			
10	16QAM	1	25	22.41	22.50	22.32	23	1	
10	16QAM	1	49	22.58	22.69	22.47			
10	16QAM	25	0	21.13	21.20	21.17			
10	16QAM	25	12	21.14	21.23	21.03			
10	16QAM	25	25	21.23	21.33	21.05	22	2	
10	16QAM	50	0	21.19	21.21	21.10			
10	64QAM	1	0	21.54	21.55	21.57			
10	64QAM	1	25	21.18	21.30	21.14			
10	64QAM	1	49	21.53	21.54	21.28	22	2	
10	64QAM	25	0	20.14	20.22	20.17			
10	64QAM	25	12	20.16	20.25	20.06			
10	64QAM	25	25	20.25	20.34	20.07			
10	64QAM	50	0	20.16	20.24	20.12	21	3	
Channel				26715	26865	27015	24	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.19	23.12	22.84	24	0	
5	QPSK	1	12	23.16	23.17	22.86			
5	QPSK	1	24	23.10	23.22	22.88			
5	QPSK	12	0	22.21	22.25	21.99			
5	QPSK	12	7	22.07	22.21	21.95	23	1	
5	QPSK	12	13	22.06	22.22	21.92			
5	QPSK	25	0	22.10	22.18	21.96			
5	16QAM	1	0	22.47	22.43	22.25			
5	16QAM	1	12	22.30	22.42	22.13	23	1	
5	16QAM	1	24	22.42	22.51	22.15			
5	16QAM	12	0	21.26	21.27	21.02			
5	16QAM	12	7	21.09	21.20	20.97			
5	16QAM	12	13	21.09	21.24	20.95	22	2	
5	16QAM	25	0	21.07	21.21	20.96			
5	64QAM	1	0	21.40	21.35	21.10			
5	64QAM	1	12	21.19	21.37	21.07			
5	64QAM	1	24	21.21	21.36	21.02	22	2	
5	64QAM	12	0	20.24	20.30	20.02			
5	64QAM	12	7	20.15	20.28	20.02			
5	64QAM	12	13	20.14	20.28	19.99			
5	64QAM	25	0	20.07	20.21	19.97	21	3	
Channel				26705	26865	27025	24	0	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.06	23.19	23.00	24	0	
3	QPSK	1	8	23.07	23.17	22.92			
3	QPSK	1	14	23.05	23.16	22.87			
3	QPSK	8	0	22.20	22.11	21.88			
3	QPSK	8	4	22.20	22.19	21.90	23	1	
3	QPSK	8	7	22.15	22.17	21.87			
3	QPSK	15	0	22.14	22.16	21.90			
3	16QAM	1	0	22.33	22.50	22.20			
3	16QAM	1	8	22.47	22.44	22.19	23	1	
3	16QAM	1	14	22.28	22.46	22.23			
3	16QAM	8	0	21.24	21.17	20.93			
3	16QAM	8	4	21.22	21.24	20.95			
3	16QAM	8	7	21.20	21.21	20.92	22	2	
3	16QAM	15	0	21.20	21.17	20.95			
3	64QAM	1	0	21.30	21.40	21.08			
3	64QAM	1	8	21.33	21.38	21.04			
3	64QAM	1	14	21.22	21.31	21.08	22	2	
3	64QAM	8	0	20.20	20.15	19.90			
3	64QAM	8	4	20.25	20.24	19.94			
3	64QAM	8	7	20.18	20.21	19.94			
3	64QAM	15	0	20.21	20.19	19.98	21	3	
Channel				26697	26855	27033	24	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.07	23.12	22.98	24	0	
1.4	QPSK	1	3	23.04	23.10	22.89			
1.4	QPSK	1	5	23.15	23.11	22.86			
1.4	QPSK	3	0	23.17	23.15	22.85			
1.4	QPSK	3	1	23.23	23.18	22.86	23	1	
1.4	QPSK	3	3	23.22	23.17	22.89			
1.4	QPSK	6	0	22.18	22.10	21.84			
1.4	16QAM	1	0	22.52	22.39	22.11			
1.4	16QAM	1	3	22.44	22.46	22.22	23	1	
1.4	16QAM	1	5	22.55	22.41	22.19			
1.4	16QAM	3	0	22.24	22.17	21.89			
1.4	16QAM	3	1	22.22	22.20	21.90			
1.4	16QAM	3	3	22.10	22.15	21.93	22	2	
1.4	16QAM	6	0	21.18	21.17	20.92			
1.4	64QAM	1	0	21.29	21.28	20.97			
1.4	64QAM	1	3	21.33	21.37	21.14			
1.4	64QAM	1	5	21.28	21.33	21.06	22	2	
1.4	64QAM	3	0	21.34	21.27	20.98			
1.4	64QAM	3	1	21.38	21.29	21.01			
1.4	64QAM	3	3	21.31	21.30	21.03			
1.4	64QAM	6	0	20.14	20.13	19.87	21	3	

Band 38(only on channel required)										
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	23.57	23.44	23.51	24	0		
20	QPSK	1	49	23.97	23.58	23.59				
20	QPSK	1	99	23.67	23.52	23.39				
20	QPSK	50	0	22.88	22.85	22.54	23	1		
20	QPSK	50	24	22.96	22.84	22.59				
20	QPSK	50	50	22.83	22.77	22.55				
20	QPSK	100	0	22.77	22.45	22.67	23	1		
20	16QAM	1	0	22.83	22.66	22.49				
20	16QAM	1	49	22.93	22.81	22.46				
20	16QAM	1	99	22.81	22.78	22.57	22	2		
20	16QAM	50	0	21.66	21.48	21.50				
20	16QAM	50	24	21.96	21.58	21.58				
20	16QAM	50	50	21.94	21.68	21.61	22	2		
20	16QAM	100	0	21.88	21.60	21.52				
20	64QAM	1	0	21.55	21.23	21.57				
20	64QAM	1	49	21.59	21.25	21.51	22	2		
20	64QAM	1	99	21.64	21.38	21.26				
20	64QAM	50	0	20.75	20.35	20.98				
20	64QAM	50	24	20.94	20.68	20.90	21	3		
20	64QAM	50	50	20.92	20.58	20.52				
20	64QAM	100	0	20.87	20.63	20.54				
Channel				37125	38000	20.65	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	26.65				
15	QPSK	1	0	23.69	23.50	23.35	24	0		
15	QPSK	1	37	23.53	23.34	23.44				
15	QPSK	1	74	23.65	23.50	23.60				
15	QPSK	36	0	22.67	22.54	22.53	23	1		
15	QPSK	36	20	22.89	22.95	22.82				
15	QPSK	36	39	22.92	22.50	22.63				
15	QPSK	75	0	22.85	22.54	22.52	23	1		
15	16QAM	1	0	22.77	22.50	22.54				
15	16QAM	1	37	22.99	22.86	22.96				
15	16QAM	1	74	22.86	22.82	22.86	22	2		
15	16QAM	36	0	21.69	21.50	21.50				
15	16QAM	36	20	21.92	21.53	21.73				
15	16QAM	36	39	21.88	21.60	21.46	22	2		
15	16QAM	75	0	21.86	21.48	21.65				
15	64QAM	1	0	21.62	21.07	21.22				
15	64QAM	1	37	21.36	21.28	21.41	22	2		
15	64QAM	1	74	21.61	21.32	21.36				
15	64QAM	36	0	20.85	20.65	20.56				
15	64QAM	36	20	20.85	20.57	20.57	21	3		
15	64QAM	36	39	21.00	20.55	20.61				
15	64QAM	75	0	20.76	20.50	20.60				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.66	23.71	23.11	24	0		
10	QPSK	1	25	23.81	23.73	23.68				
10	QPSK	1	49	23.94	23.86	23.65				
10	QPSK	25	0	22.98	22.66	22.74	23	1		
10	QPSK	25	12	22.93	22.63	22.71				
10	QPSK	25	25	22.95	22.72	22.81				
10	QPSK	50	0	22.96	22.67	22.75	23	1		
10	16QAM	1	0	22.93	22.94	22.91				
10	16QAM	1	25	22.96	22.82	22.84				
10	16QAM	1	49	22.93	22.97	22.70	22	2		
10	16QAM	25	0	21.92	21.69	21.76				
10	16QAM	25	12	21.91	21.58	21.76				
10	16QAM	25	25	21.94	21.76	21.76	22	2		
10	16QAM	50	0	21.97	21.73	21.83				
10	64QAM	1	0	21.85	21.53	21.69				
10	64QAM	1	25	21.65	21.45	21.51	22	2		
10	64QAM	1	49	21.87	21.68	21.50				
10	64QAM	25	0	20.94	20.72	20.82				
10	64QAM	25	12	20.93	20.62	20.63	21	3		
10	64QAM	25	25	20.94	20.83	20.84				
10	64QAM	50	0	20.95	20.73	20.77				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.75	23.81	23.52	24	0		
5	QPSK	1	12	23.74	23.75	23.69				
5	QPSK	1	24	23.95	23.62	23.67				
5	QPSK	12	0	22.93	22.70	22.73	23	1		
5	QPSK	12	7	22.98	22.64	22.77				
5	QPSK	12	13	22.97	22.72	22.71				
5	QPSK	25	0	22.96	22.65	22.80	23	1		
5	16QAM	1	0	23.00	22.76	22.91				
5	16QAM	1	12	22.92	22.85	22.83				
5	16QAM	1	24	22.99	22.74	22.91	22	2		
5	16QAM	12	0	21.95	21.67	21.81				
5	16QAM	12	7	21.92	21.73	21.77				
5	16QAM	12	13	21.94	21.72	21.71	22	2		
5	16QAM	25	0	21.99	21.70	21.86				
5	64QAM	1	0	21.85	21.74	21.61				
5	64QAM	1	12	21.87	21.54	21.82	22	2		
5	64QAM	1	24	21.75	21.55	21.51				
5	64QAM	12	0	20.99	20.75	20.68				
5	64QAM	12	7	20.97	20.80	20.75	21	3		
5	64QAM	12	13	21.00	20.80	20.80				
5	64QAM	25	0	20.92	20.65	20.82				

Band 41 (2.6G Band)										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2545	2571	2598	2645			
20	QPSK	1	0	23.66	23.79	23.68	23.56	24	0	
20	QPSK	1	49	23.81	23.86	23.98	23.75			
20	QPSK	1	99	23.60	23.72	23.67	23.58			
20	QPSK	50	0	22.87	22.76	22.96	22.65	23	1	
20	QPSK	50	24	22.93	22.92	22.70	22.69			
20	QPSK	50	50	22.94	22.67	22.73	22.90			
20	QPSK	100	0	22.70	22.76	22.80	22.60	23	1	
20	16QAM	1	0	22.86	22.91	22.76	22.66			
20	16QAM	1	49	22.95	22.80	22.92	22.57			
20	16QAM	1	99	22.60	22.64	22.51	22.53	22	2	
20	16QAM	50	0	21.91	21.82	21.80	21.98			
20	16QAM	50	24	21.96	22.00	21.80	21.93			
20	16QAM	50	50	21.85	21.73	21.64	21.93	22	2	
20	16QAM	100	0	21.85	21.84	21.60	21.48			
20	64QAM	1	0	21.39	21.45	21.34	21.71			
20	64QAM	1	49	21.65	21.68	21.52	21.59	22	2	
20	64QAM	1	99	21.38	21.35	21.25	21.61			
20	64QAM	50	0	20.85	20.75	20.64	20.60	21	3	
20	64QAM	50	24	20.54	20.73	20.76	20.53			
20	64QAM	50	50	20.75	20.64	20.58	20.43			
20	64QAM	100	0	20.62	20.70	20.66	20.63	Tune-up limit (dBm)	MPR (dB)	
Channel				40115	40375	40655	41155			
Frequency (MHz)				2542.5	2567.5	2599.5	2647.5			
15	QPSK	1	0	23.80	23.80	23.61	23.68	24	0	
15	QPSK	1	37	23.79	23.91	23.65	23.58			
15	QPSK	1	74	23.78	23.59	23.63	23.69			
15	QPSK	36	0	22.93	22.73	22.83	22.88	23	1	
15	QPSK	36	20	22.96	22.85	22.85	22.92			
15	QPSK	36	39	22.98	23.00	22.70	22.98			
15	QPSK	75	0	22.94	22.88	22.97	22.93	23	1	
15	16QAM	1	0	22.62	22.57	22.61	22.45			
15	16QAM	1	37	22.48	22.72	22.59	22.37			
15	16QAM	1	74	22.50	22.28	22.47	22.34	22	2	
15	16QAM	36	0	21.90	21.84	21.87	21.85			
15	16QAM	36	20	21.98	21.94	21.99	21.90			
15	16QAM	36	39	21.99	21.92	21.71	22.00	21	3	
15	16QAM	75	0	21.91	21.85	21.69	21.95			
15	64QAM	1	0	21.57	21.51	21.56	21.86			
15	64QAM	1	37	21.74	21.56	21.54	21.72	22	2	
15	64QAM	1	74	21.75	21.61	21.61	21.77			
15	64QAM	36	0	20.84	20.89	20.89	20.80			
15	64QAM	36	20	21.00	20.78	20.93	20.80	21	3	
15	64QAM	36	39	20.93	20.97	20.89	20.78			
15	64QAM	75	0	20.91	20.88	20.92	20.65			
Channel				40090	40390	40690	41130	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25440	25740	26040	26520			
10	QPSK	1	0	23.72	23.90	23.74	23.75	24	0	
10	QPSK	1	25	23.78	23.57	23.66	23.48			
10	QPSK	1	49	23.77	23.89	23.61	23.41			
10	QPSK	25	0	22.95	22.93	22.74	22.89	23	1	
10	QPSK	25	12	22.96	22.98	22.73	22.72			
10	QPSK	25	26	22.93	22.83	22.75	22.68			
10	QPSK	50	0	22.99	22.96	22.67	22.78	23	1	
10	16QAM	1	0	22.81	22.91	22.77	22.52			
10	16QAM	1	25	22.56	22.71	22.87	22.47			
10	16QAM	1	49	22.74	22.62	22.52	22.61	22	2	
10	16QAM	25	0	21.95	21.98	21.71	21.80			
10	16QAM	25	12	22.00	21.92	21.82	21.87			
10	16QAM	25	26	21.93	21.89	21.69	21.81	21	3	
10	16QAM	50	0	21.93	21.97	21.76	21.91			
10	64QAM	1	0	21.70	21.68	21.59	21.60			
10	64QAM	1	25	21.75	21.76	21.80	21.82	24	0	
10	64QAM	1	49	21.55	21.58	21.46	21.48			
10	64QAM	1	99	20.87	20.59	20.59	20.64			
10	64QAM	25	12	20.55	20.93	20.86	20.65	21	3	
10	64QAM	25	26	20.87	20.88	20.75	20.77			
10	64QAM	50	0	20.92	20.95	20.84	20.62			
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2537.5	2569.5	26015	26525			
5	QPSK	1	0	23.87	23.96	23.66	23.66	24	0	
5	QPSK	1	12	23.61	23.67	23.98	23.52			
5	QPSK	1	24	23.96	23.95	23.88	23.56			
5	QPSK	12	0	22.98	22.98	22.92	22.91	23	1	
5	QPSK	12	7	22.93	22.98	22.89	22.73			
5	QPSK	12	13	22.88	22.99	22.81	22.79			
5	QPSK	12	19	22.85	22.96	22.86	22.83	23	1	
5	16QAM	1	0	22.90	22.99	22.85	22.78			
5	16QAM	1	12	22.87	22.97	22.89	22.61			
5	16QAM	1	24	22.80	22.99	22.88	22.58	22	2	
5	16QAM	12	0	21.92	21.98	21.94	21.99			
5	16QAM	12	7	21.81	21.93	21.83	22.00			
5	16QAM	12	13	21.76	21.96	21.75	21.76	21	3	
5	16QAM	25	0	20.00	21.98	21.91	21.99			
5	64QAM	1	0	21.78	21.82	21.67	21.73			
5	64QAM	1	12	21.97	21.95	21.73	21.81	22	2	
5	64QAM	1	24	21.83	21.67	21.83	21.49			
5	64QAM	12	0	20.78	20.90	20.75	20.53			
5	64QAM	12	7	20.69	20.84	20.77	20.51	21	3	
5	64QAM	12	13	20.65	20.80	20.65	20.48			
5	64QAM	25	0	20.75	20.59	20.80	20.61			

Reduced Power Mode for Sensor On

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	TX Channel	128	180	251	Limit	128	180	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	30.23	30.26	30.23	31.00	21.23	21.26	21.23	22.00
GPRS 1 Tx slot	30.21	30.24	30.21	31.00	21.21	21.24	21.21	22.00
GPRS 2 Tx slots	28.17	28.19	28.21	30.00	22.17	22.19	22.21	20.00
GPRS 3 Tx slots	26.16	26.18	26.17	28.00	21.90	21.92	21.91	23.74
GPRS 4 Tx slots	23.86	23.83	23.75	25.50	20.66	20.83	20.75	22.50
EDGE 1 Tx slot	23.64	23.69	23.67	25.30	14.64	14.69	14.67	16.50
EDGE 2 Tx slots	21.56	21.57	21.55	23.00	15.56	15.57	15.55	17.00
EDGE 3 Tx slots	19.56	19.64	19.63	21.00	15.30	15.38	15.37	16.74
EDGE 4 Tx slots	17.43	17.48	17.46	19.00	14.43	14.48	14.46	16.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	TX Channel	512	661	810	Limit	512	661	810
Frequency (MHz)	1852.2	1870.0	1893.8	(dBm)	1852.2	1870.0	1893.8	(dBm)
GSM 1 Tx slot	27.52	27.65	27.59	28.00	18.52	18.65	18.59	19.00
GPRS 1 Tx slot	27.51	27.64	27.58	28.00	18.51	18.64	18.58	19.00
GPRS 2 Tx slots	26.88	26.93	26.85	27.50	20.88	20.93	20.85	21.50
GPRS 3 Tx slots	24.04	24.09	24.07	25.50	19.78	19.83	19.81	21.24
GPRS 4 Tx slots	21.58	21.66	21.58	23.00	18.58	18.66	18.58	20.00
EDGE 1 Tx slot	23.45	23.53	23.52	25.00	14.45	14.53	14.52	16.00
EDGE 2 Tx slots	22.57	22.68	22.63	24.00	16.57	16.68	16.63	18.00
EDGE 3 Tx slots	19.73	19.91	19.83	21.80	15.47	15.65	15.57	17.24
EDGE 4 Tx slots	17.53	17.77	17.68	19.00	14.53	14.77	14.68	16.00

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel	RX Channel	8262	8600	8638	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.99	19.13	19.11	19.50
3GPP Rel 99	RM-C 12.2Kbps	19.02	19.17	19.16	19.50
3GPP Rel 6	HS-DPA Subtest-1	17.93	18.00	17.89	18.50
3GPP Rel 6	HS-DPA Subtest-2	17.95	18.02	17.92	18.50
3GPP Rel 6	HS-DPA Subtest-3	17.37	17.51	17.42	18.00
3GPP Rel 6	HS-DPA Subtest-4	17.35	17.50	17.35	18.00
3GPP Rel 8	DC-HS-DPA Subtest-1	17.91	18.06	18.10	18.50
3GPP Rel 8	DC-HS-DPA Subtest-2	17.93	18.09	18.20	18.50
3GPP Rel 8	DC-HS-DPA Subtest-3	17.45	17.59	17.79	18.00
3GPP Rel 8	DC-HS-DPA Subtest-4	17.39	17.51	17.61	18.00
3GPP Rel 6	HS-UPA Subtest-1	17.95	17.97	17.95	18.50
3GPP Rel 6	HS-UPA Subtest-2	15.97	15.96	15.91	16.50
3GPP Rel 6	HS-UPA Subtest-3	16.83	17.02	16.97	17.50
3GPP Rel 6	HS-UPA Subtest-4	15.90	15.97	15.94	16.50
3GPP Rel 6	HS-UPA Subtest-5	17.99	17.98	17.96	18.50

Band 2 (1900MHz Band) Part 24E									
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				16700	16900	17100			
Frequency (MHz)				1890	1890	1900			
20	QPSK	1	0	19.53	19.61	19.65	20	0	
20	QPSK	1	49	19.49	19.59	19.54			
20	QPSK	1	99	19.48	19.58	19.53			
20	QPSK	50	0	19.48	19.58	19.53			
20	QPSK	50	24	19.50	19.58	19.62	20	0	
20	QPSK	50	50	19.51	19.60	19.55			
20	QPSK	100	0	19.51	19.58	19.60			
20	16QAM	1	0	19.49	19.59	19.53			
20	16QAM	1	49	19.50	19.60	19.52	20	0	
20	16QAM	1	99	19.51	19.60	19.53			
20	16QAM	50	0	19.50	19.58	19.53			
20	16QAM	50	24	19.49	19.60	19.55			
20	16QAM	50	50	19.49	19.58	19.55	20	0	
20	16QAM	100	0	19.50	19.58	19.55			
20	64QAM	1	0	19.50	19.58	19.55			
20	64QAM	1	49	19.50	19.60	19.53			
20	64QAM	1	99	19.52	19.58	19.52	20	0	
20	64QAM	50	0	19.50	19.57	19.55			
20	64QAM	50	24	19.49	19.59	19.55			
20	64QAM	50	50	19.49	19.57	19.52			
20	64QAM	100	0	19.48	19.59	19.54	20		
Channel				16675	16900	19125			
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	0	19.20	19.33	19.25	20	0	
15	QPSK	1	37	19.19	19.30	19.24			
15	QPSK	1	74	19.25	19.33	19.24			
15	QPSK	36	0	19.25	19.27	19.27			
15	QPSK	36	20	19.23	19.29	19.23	20	0	
15	QPSK	36	39	19.25	19.34	19.24			
15	QPSK	75	0	19.25	19.32	19.27			
15	16QAM	1	0	19.20	19.33	19.27			
15	16QAM	1	37	19.23	19.34	19.25	20	0	
15	16QAM	1	74	19.20	19.31	19.24			
15	16QAM	36	0	19.26	19.30	19.25			
15	16QAM	36	20	19.23	19.32	19.24			
15	16QAM	36	39	19.25	19.33	19.29	20	0	
15	16QAM	75	0	19.24	19.29	19.24			
15	80QAM	1	0	19.25	19.30	19.22			
15	64QAM	1	37	19.22	19.31	19.25			
15	64QAM	1	74	19.20	19.31	19.25	20	0	
15	64QAM	36	0	19.26	19.29	19.22			
15	64QAM	36	20	19.22	19.30	19.26			
15	64QAM	36	39	19.24	19.34	19.23			
15	64QAM	75	0	19.27	19.28	19.22	20		
Channel				16650	16900	19150			
Frequency (MHz)				18855	1880	19055			
10	QPSK	1	0	19.24	19.30	19.25	20	0	
10	QPSK	1	25	19.23	19.30	19.29			
10	QPSK	1	49	19.20	19.32	19.28			
10	QPSK	25	0	19.21	19.31	19.26			
10	QPSK	25	12	19.23	19.29	19.29	20	0	
10	QPSK	25	25	19.23	19.34	19.29			
10	QPSK	50	0	19.22	19.29	19.23			
10	16QAM	1	0	19.25	19.28	19.30			
10	16QAM	1	25	19.26	19.28	19.28	20	0	
10	16QAM	1	49	19.22	19.31	19.29			
10	16QAM	25	0	19.23	19.34	19.25			
10	16QAM	25	12	19.25	19.35	19.27			
10	16QAM	25	25	19.25	19.27	19.28	20	0	
10	16QAM	50	0	19.24	19.30	19.25			
10	64QAM	1	0	19.21	19.33	19.23			
10	64QAM	1	25	19.26	19.34	19.27			
10	64QAM	1	49	19.25	19.32	19.29	20	0	
10	64QAM	25	0	19.20	19.31	19.27			
10	64QAM	25	12	19.22	19.34	19.28			
10	64QAM	25	25	19.24	19.27	19.25			
10	64QAM	50	0	19.19	19.31	19.24	20	0	
Channel				16625	16900	19175			
Frequency (MHz)				18825.5	1880	1907.5			
5	QPSK	1	0	19.25	19.31	19.29	20	0	
5	QPSK	1	12	19.27	19.35	19.30			
5	QPSK	1	24	19.24	19.34	19.27			
5	QPSK	12	0	19.23	19.34	19.30			
5	QPSK	12	7	19.24	19.32	19.29	20	0	
5	QPSK	12	13	19.26	19.31	19.29			
5	QPSK	25	0	19.24	19.34	19.29			
5	16QAM	1	0	19.26	19.32	19.28			
5	16QAM	1	12	19.24	19.34	19.29	20	0	
5	16QAM	1	24	19.25	19.35	19.27			
5	16QAM	12	0	19.25	19.35	19.30			
5	16QAM	12	7	19.24	19.34	19.30			
5	16QAM	12	13	19.25	19.34	19.28	20	0	
5	16QAM	25	0	19.26	19.32	19.26			
5	64QAM	1	0	19.27	19.34	19.28			
5	64QAM	1	12	19.26	19.34	19.28			
5	64QAM	1	24	19.24	19.32	19.27	20	0	
5	64QAM	12	0	19.24	19.34	19.26			
5	64QAM	12	7	19.24	19.32	19.28			
5	64QAM	12	13	19.23	19.31	19.28			
5	64QAM	25	0	19.25	19.34	19.30	20	0	
Channel				16615	16900	19185			
Frequency (MHz)				1881.5	1880	1908.5			
3	QPSK	1	0	19.21	19.34	19.29	20	0	
3	QPSK	1	8	19.26	19.31	19.28			
3	QPSK	1	14	19.22	19.28	19.23			
3	QPSK	8	0	19.24	19.34	19.23			
3	QPSK	8	4	19.20	19.30	19.25	20	0	
3	QPSK	8	7	19.22	19.30	19.27			
3	QPSK	15	0	19.20	19.31	19.27			
3	16QAM	1	0	19.25	19.32	19.24			
3	16QAM	1	8	19.20	19.29	19.28	20	0	
3	16QAM	1	14	19.24	19.31	19.28			
3	16QAM	8	0	19.23	19.30	19.25			
3	16QAM	8	4	19.22	19.33	19.28			
3	16QAM	8	7	19.20	19.35	19.22	20	0	
3	16QAM	15	0	19.26	19.33	19.30			
3	64QAM	1	0	19.21	19.28	19.26			
3	64QAM	1	8	19.27	19.27	19.23			
3	64QAM	1	14	19.19	19.34	19.29	20	0	
3	64QAM	8	0	19.22	19.32	19.23			
3	64QAM	8	4	19.20	19.35	19.26			
3	64QAM	8	7	19.20	19.30	19.28			
3	64QAM	15	0	19.25	19.29	19.26	20		
Channel				16607	16900	19193			
Frequency (MHz)				1880.7	1880	1909.3			
1.4	QPSK	1	0	19.26	19.34	19.28	20	0	
1.4	QPSK	1	3	19.26	19.28	19.25			
1.4	QPSK	1	5	19.19	19.35	19.26			
1.4	QPSK	3	0	19.23	19.31	19.23			
1.4	QPSK	3	1	19.20	19.32	19.24	20	0	
1.4	QPSK	3	3	19.20	19.31	19.28			
1.4	QPSK	6	0	19.20	19.34	19.23			
1.4	16QAM	1	0	19.21	19.32	19.22			
1.4	16QAM	1	3	19.25	19.34	19.25	20	0	
1.4	16QAM	1	5	19.26	19.33	19.23			
1.4	16QAM	3	0	19.26	19.28	19.28			
1.4	16QAM	3	1	19.21	19.31	19.29			
1.4	16QAM	3	3	19.25	19.29	19.25	20	0	
1.4	16QAM	6	0	19.27	19.35	19.28			
1.4	64QAM	1	0	19.23	19.35	19.26			
1.4	64QAM	1	3	19.20	19.29	19.25			
1.4	64QAM	1	5	19.26	19.27	19.26	20	0	
1.4	64QAM	3	0	19.24	19.30	19.24	20	0	
1.4	64QAM	3	1	19.26	19.26	19.23			
1.4	64QAM	3	3	19.20	19.33	19.26			
1.4	64QAM	6	0	19.20	19.28	19.23			

Band 38(only on channel required)									
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	22.95	22.86	22.84	23.5	0	
20	QPSK	1	49	23.15	22.97	22.94			
20	QPSK	1	99	23.11	22.90	22.78			
20	QPSK	50	0	22.72	22.81	22.41	23	0.5	
20	QPSK	50	24	22.88	22.75	22.43			
20	QPSK	50	50	22.72	22.65	22.46			
20	QPSK	100	0	22.63	22.32	22.53	23	0.5	
20	16QAM	1	0	22.68	22.55	22.43			
20	16QAM	1	49	22.62	22.69	22.37			
20	16QAM	1	99	22.71	22.74	22.50	22	1.5	
20	16QAM	50	0	21.53	21.35	21.44			
20	16QAM	50	24	21.80	21.50	21.51			
20	16QAM	50	50	21.82	21.64	21.50	22	1.5	
20	16QAM	100	0	21.84	21.51	21.46			
20	64QAM	1	0	21.46	21.16	21.42			
20	64QAM	1	49	21.54	21.19	21.35	22	1.5	
20	64QAM	1	99	21.61	21.31	21.20			
20	64QAM	50	0	20.67	20.46	20.88			
20	64QAM	50	24	20.80	20.64	20.82	21	2.5	
20	64QAM	50	50	20.77	20.50	20.47			
20	64QAM	100	0	20.74	20.53	20.43			
Channel				37825	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2605			
15	QPSK	1	0	23.03	23.03	22.90	23.5	0	
15	QPSK	1	37	23.08	23.12	23.03			
15	QPSK	1	74	23.11	23.04	22.91			
15	QPSK	36	0	22.89	22.89	22.53	23	0.5	
15	QPSK	36	20	22.78	22.92	22.59			
15	QPSK	36	39	22.81	22.81	22.63			
15	QPSK	75	0	22.77	22.42	22.62	23	0.5	
15	16QAM	1	0	22.84	22.72	22.56			
15	16QAM	1	37	22.98	22.79	22.52			
15	16QAM	1	74	22.77	22.81	22.60	22	1.5	
15	16QAM	36	0	21.68	21.63	21.60			
15	16QAM	36	20	21.97	21.67	21.68			
15	16QAM	36	39	21.95	21.70	21.57	22	1.5	
15	16QAM	75	0	22.00	21.68	21.55			
15	64QAM	1	0	21.59	21.23	21.59			
15	64QAM	1	37	21.64	21.34	21.47	22	1.5	
15	64QAM	1	74	21.69	21.47	21.37			
15	64QAM	36	0	20.85	20.49	20.94			
15	64QAM	36	20	20.96	20.73	20.91	21	2.5	
15	64QAM	36	39	20.85	20.60	20.62			
15	64QAM	75	0	20.81	20.68	20.57			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.08	22.95	22.96	23.5	0	
10	QPSK	1	25	23.07	23.12	23.07			
10	QPSK	1	49	23.10	23.07	22.92			
10	QPSK	25	0	22.83	22.89	22.51	23	0.5	
10	QPSK	25	12	22.86	22.83	22.56			
10	QPSK	25	25	22.81	22.79	22.58			
10	QPSK	50	0	22.73	22.40	22.60	23	0.5	
10	16QAM	1	0	22.81	22.70	22.57			
10	16QAM	1	25	22.95	22.85	22.48			
10	16QAM	1	49	22.82	22.83	22.62	22	1.5	
10	16QAM	25	0	21.64	21.47	21.52			
10	16QAM	25	12	21.90	21.62	21.66			
10	16QAM	25	25	21.93	21.76	21.58	22	1.5	
10	16QAM	50	0	22.00	21.68	21.57			
10	64QAM	1	0	21.62	21.32	21.55			
10	64QAM	1	25	21.62	21.32	21.48	22	1.5	
10	64QAM	1	49	21.69	21.43	21.30			
10	64QAM	25	0	20.80	20.54	20.76			
10	64QAM	25	12	20.86	20.71	20.87	21	2.5	
10	64QAM	25	25	20.88	20.65	20.72			
10	64QAM	50	0	20.82	20.61	20.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.08	22.96	22.94	23.5	0	
5	QPSK	1	12	23.13	23.08	23.08			
5	QPSK	1	24	23.05	23.03	22.97			
5	QPSK	12	0	22.82	22.94	22.57	23	0.5	
5	QPSK	12	7	22.97	22.89	22.54			
5	QPSK	12	13	22.84	22.77	22.63			
5	QPSK	25	0	22.76	22.48	22.67	23	0.5	
5	16QAM	1	0	22.75	22.64	22.51			
5	16QAM	1	12	22.92	22.81	22.52			
5	16QAM	1	24	22.86	22.86	22.58	22	1.5	
5	16QAM	12	0	21.69	21.48	21.56			
5	16QAM	12	7	21.89	21.57	21.67			
5	16QAM	12	13	21.93	21.77	21.66	22	1.5	
5	16QAM	25	0	21.94	21.65	21.61			
5	64QAM	1	0	21.59	21.26	21.59			
5	64QAM	1	12	21.61	21.27	21.43	22	1.5	
5	64QAM	1	24	21.77	21.48	21.34			
5	64QAM	12	0	20.75	20.58	20.85			
5	64QAM	12	7	20.87	20.80	20.94	21	2.5	
5	64QAM	12	13	20.93	20.59	20.60			
5	64QAM	25	0	20.90	20.69	20.57			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.10	23.24	23.13	22.98	23.5	0
20	QPSK	1	49	23.24	23.30	23.39	23.19		
20	QPSK	1	99	22.96	23.16	23.08	22.99		
20	QPSK	50	0	22.87	22.76	22.96	22.65	23	0.5
20	QPSK	50	24	22.93	22.92	22.70	22.69		
20	QPSK	50	50	22.94	22.67	22.73	22.90		
20	QPSK	100	0	22.70	22.76	22.80	22.60	23	0.5
20	16QAM	1	0	22.86	22.91	22.76	22.66		
20	16QAM	1	49	22.95	22.80	22.92	22.57		
20	16QAM	1	99	22.60	22.64	22.51	22.53	22	1.5
20	16QAM	50	0	21.91	21.82	21.80	21.98		
20	16QAM	50	24	21.96	22.00	21.80	21.93		
20	16QAM	50	50	21.85	21.73	21.64	21.93	22	1.5
20	16QAM	100	0	21.85	21.84	21.60	21.48		
20	64QAM	1	0	21.39	21.45	21.34	21.71		
20	64QAM	1	49	21.65	21.68	21.52	21.59	22	1.5
20	64QAM	1	99	21.38	21.35	21.25	21.61		
20	64QAM	50	0	20.85	20.75	20.64	20.60		
20	64QAM	50	24	20.54	20.73	20.76	20.53	21	2.5
20	64QAM	50	50	20.75	20.64	20.58	20.43		
20	64QAM	100	0	20.82	20.79	20.66	20.63		
Channel				40115	40395	40685	41145	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.22	23.22	23.05	23.07	23.5	0
15	QPSK	1	37	23.24	23.34	23.02	22.94		
15	QPSK	1	74	23.19	22.96	23.06	23.11		
15	QPSK	36	0	22.93	22.73	22.83	22.69	23	0.5
15	QPSK	36	20	22.98	22.85	22.74	22.82		
15	QPSK	36	39	22.98	23.00	22.70	22.98		
15	QPSK	75	0	22.94	22.88	22.97	22.93	23	0.5
15	16QAM	1	0	22.62	22.57	22.61	22.45		
15	16QAM	1	37	22.48	22.72	22.59	22.37		
15	16QAM	1	74	22.50	22.28	22.47	22.34	22	1.5
15	16QAM	36	0	21.90	21.84	21.81	21.85		
15	16QAM	36	20	21.98	21.94	21.99	21.90		
15	16QAM	36	39	21.99	21.92	21.71	22.00	22	1.5
15	16QAM	75	0	21.91	21.85	21.69	21.95		
15	64QAM	1	0	21.57	21.51	21.56	21.86		
15	64QAM	1	37	21.74	21.56	21.54	21.72	22	1.5
15	64QAM	1	74	21.75	21.74	21.61	21.77		
15	64QAM	36	0	20.84	20.89	20.89	20.80		
15	64QAM	36	20	21.00	20.78	20.93	20.80	21	2.5
15	64QAM	36	39	20.93	20.97	20.89	20.78		
15	64QAM	75	0	20.91	20.88	20.92	20.65		
Channel				40099	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25340	25630	25930	26430		
10	QPSK	1	0	23.23	23.34	23.14	22.95	23.5	0
10	QPSK	1	25	23.21	22.98	23.05	22.87		
10	QPSK	1	49	23.19	23.28	22.97	22.98		
10	QPSK	25	0	22.95	22.93	22.74	22.79	23	0.5
10	QPSK	25	12	22.96	22.98	22.92	22.82		
10	QPSK	25	25	22.93	22.83	22.73	22.68		
10	QPSK	50	0	22.99	22.96	22.67	22.78	23	0.5
10	16QAM	1	0	22.81	22.91	22.77	22.52		
10	16QAM	1	25	22.56	22.71	22.87	22.47		
10	16QAM	1	49	22.74	22.62	22.52	22.61	22	1.5
10	16QAM	25	0	21.95	21.98	21.71	21.80		
10	16QAM	25	12	22.00	21.92	21.82	21.81		
10	16QAM	25	25	21.93	21.89	21.69	21.81	21	2.5
10	16QAM	50	0	21.93	21.97	21.76	21.91		
10	64QAM	1	0	21.70	21.68	21.59	21.60		
10	64QAM	1	25	21.75	21.76	21.60	21.82	22	1.5
10	64QAM	1	49	21.55	21.58	21.46	21.48		
10	64QAM	1	74	20.87	20.99	20.99	20.64		
10	64QAM	25	12	20.95	20.93	20.86	20.65	21	2.5
10	64QAM	25	25	20.87	20.88	20.75	20.77		
10	64QAM	50	0	20.92	20.95	20.84	20.67		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2567.5	2601.5	2652.5		
5	QPSK	1	0	23.14	23.29	23.29	22.92	23.5	0
5	QPSK	1	12	23.22	23.00	23.03	22.84		
5	QPSK	1	24	23.18	23.31	22.99	22.81		
5	QPSK	12	0	22.98	22.98	22.92	22.91	23	0.5
5	QPSK	12	7	22.93	22.86	22.89	22.73		
5	QPSK	12	13	22.88	22.99	22.81	22.79		
5	QPSK	12	19	22.89	22.91	22.82	22.83	23	0.5
5	16QAM	1	0	22.90	22.99	22.85	22.78		
5	16QAM	1	12	22.87	22.97	22.89	22.61		
5	16QAM	1	24	22.80	22.99	22.86	22.58	22	1.5
5	16QAM	12	0	21.92	21.98	21.94	21.99		
5	16QAM	12	7	21.81	21.93	21.83	22.00		
5	16QAM	12	13	21.76	21.95	21.85	21.76	21	2.5
5	16QAM	25	0	22.00	21.98	21.91	21.99		
5	64QAM	1	0	21.78	21.82	21.67	21.73		
5	64QAM	1	12	21.97	21.95	21.73	21.81	22	1.5
5	64QAM	1	24	21.63	21.67	21.63	21.49		
5	64QAM	12	0	20.78	20.90	20.75	20.53		
5	64QAM	12	7	20.69	20.84	20.74	20.51	21	2.5
5	64QAM	12	13	20.65	20.80	20.65	20.48		
5	64QAM	25	0	20.75	20.59	20.80	20.61		

Reduced Power Mode for Hotspot On

GSM900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	180	251		128	180	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	30.23	30.26	30.23	31.00	21.23	21.26	21.23	22.00
GPRS 1 Tx slot	30.21	30.24	30.21	31.00	21.21	21.24	21.21	22.00
GPRS 2 Tx slots	28.17	28.19	28.21	30.00	22.17	22.19	22.21	20.00
GPRS 3 Tx slots	26.16	26.18	26.17	28.00	21.90	21.92	21.91	23.74
GPRS 4 Tx slots	23.86	23.83	23.75	25.50	20.66	20.83	20.75	22.50
EDGE 1 Tx slot	23.64	23.69	23.67	25.50	14.64	14.69	14.67	16.50
EDGE 2 Tx slots	21.56	21.57	21.55	23.00	15.56	15.57	15.55	17.00
EDGE 3 Tx slots	19.56	19.64	19.63	21.00	15.30	15.38	15.37	16.74
EDGE 4 Tx slots	17.43	17.48	17.46	19.00	14.43	14.48	14.46	16.00

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	1500.2	1500.0	1500.0	1500.2	1500.2	1500.0	1500.0	1500.2
Frequency (MHz)	1500.2	1500.0	1500.0	1500.2	1500.2	1500.0	1500.0	1500.2
GSM 1 Tx slot	25.06	25.13	25.11	25.50	16.06	16.13	16.11	16.50
GPRS 1 Tx slot	25.04	25.11	25.09	25.50	16.04	16.11	16.09	16.50
GPRS 2 Tx slots	24.25	24.31	24.21	25.00	18.25	18.31	18.21	19.00
GPRS 3 Tx slots	21.83	21.71	21.88	23.00	17.37	17.45	17.42	16.74
GPRS 4 Tx slots	19.27	19.29	19.27	20.50	16.27	16.29	16.27	17.50
EDGE 1 Tx slot	21.05	21.33	21.26	22.50	12.05	12.33	12.26	13.50
EDGE 2 Tx slots	19.97	19.93	19.91	21.50	13.97	13.93	13.91	15.50
EDGE 3 Tx slots	17.31	17.48	17.48	19.00	13.05	13.22	13.22	14.74
EDGE 4 Tx slots	15.11	15.38	15.33	16.50	12.11	12.38	12.33	13.50

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		8262	8600	8638	
Rx Channel		9682	9690	9698	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.01	17.07	17.06	17.50
3GPP Rel 99	RMAC 12.2Kbps	16.98	17.06	17.06	17.50
3GPP Rel 6	HSDPA Subtest-1	15.88	15.95	15.96	16.50
3GPP Rel 6	HSDPA Subtest-2	15.82	15.97	15.89	16.50
3GPP Rel 6	HSDPA Subtest-3	15.34	15.45	15.39	16.00
3GPP Rel 6	HSDPA Subtest-4	15.29	15.46	15.30	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.85	16.00	16.07	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.88	16.06	16.15	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.40	15.53	15.76	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.47	15.58	16.00
3GPP Rel 6	HSUPA Subtest-1	15.93	15.93	15.89	16.50
3GPP Rel 6	HSUPA Subtest-2	13.93	13.91	13.87	14.50
3GPP Rel 6	HSUPA Subtest-3	13.90	13.96	13.95	15.50
3GPP Rel 6	HSUPA Subtest-4	13.87	13.93	13.89	14.50
3GPP Rel 6	HSUPA Subtest-5	15.95	15.95	15.91	16.50

Band 2 (1900MHz Band) Part 24E									
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				16700	18900	19100			
Frequency (MHz)				18900	19000	19100			
20	QPSK	1	0	17.56	17.63	17.65	18	0	
20	QPSK	1	49	17.52	17.60	17.54			
20	QPSK	1	99	17.51	17.61	17.53			
20	QPSK	50	0	17.52	17.59	17.55			
20	QPSK	50	24	17.51	17.57	17.61	18	0	
20	QPSK	50	50	17.51	17.60	17.55			
20	QPSK	100	0	17.54	17.51	17.58			
20	16QAM	1	0	17.52	17.58	17.53			
20	16QAM	1	49	17.50	17.57	17.55	18	0	
20	16QAM	1	99	17.53	17.60	17.54			
20	16QAM	50	0	17.53	17.59	17.54			
20	16QAM	50	24	17.52	17.59	17.54			
20	16QAM	50	50	17.51	17.60	17.53	18	0	
20	16QAM	100	0	17.53	17.60	17.52			
20	64QAM	1	0	17.50	17.58	17.53			
20	64QAM	1	49	17.53	17.59	17.55			
20	64QAM	1	99	17.52	17.58	17.53	18	0	
20	64QAM	50	0	17.51	17.61	17.52			
20	64QAM	50	24	17.53	17.60	17.56			
20	64QAM	50	50	17.53	17.58	17.55			
20	64QAM	100	0	17.52	17.59	17.53	18		
Channel				16675	18900	19125			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	17.27	17.35	17.27	18	0	
15	QPSK	1	37	17.28	17.34	17.28			
15	QPSK	1	74	17.25	17.33	17.29			
15	QPSK	36	0	17.28	17.33	17.30			
15	QPSK	36	20	17.29	17.33	17.27	18	0	
15	QPSK	36	39	17.28	17.34	17.29			
15	QPSK	75	0	17.29	17.35	17.31			
15	16QAM	1	0	17.29	17.33	17.28			
15	16QAM	1	37	17.28	17.34	17.31	18	0	
15	16QAM	1	74	17.29	17.34	17.31			
15	16QAM	36	0	17.26	17.34	17.29			
15	16QAM	36	20	17.27	17.33	17.31			
15	16QAM	36	39	17.27	17.35	17.28	18	0	
15	16QAM	75	0	17.28	17.36	17.27			
15	64QAM	1	0	17.27	17.33	17.28			
15	64QAM	1	37	17.28	17.33	17.28			
15	64QAM	1	74	17.26	17.33	17.29	18	0	
15	64QAM	36	0	17.27	17.34	17.30			
15	64QAM	36	20	17.25	17.35	17.27			
15	64QAM	36	39	17.28	17.35	17.27			
15	64QAM	75	0	17.25	17.34	17.30	18		
Channel				18550	18900	19150			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	17.26	17.35	17.29	18	0	
10	QPSK	1	25	17.27	17.33	17.31			
10	QPSK	1	49	17.26	17.35	17.27			
10	QPSK	25	0	17.25	17.35	17.30			
10	QPSK	25	12	17.25	17.33	17.28	18	0	
10	QPSK	25	25	17.28	17.35	17.30			
10	QPSK	50	0	17.29	17.33	17.31			
10	16QAM	1	0	17.28	17.33	17.31			
10	16QAM	1	25	17.26	17.33	17.31	18	0	
10	16QAM	1	49	17.25	17.34	17.30			
10	16QAM	25	0	17.28	17.35	17.28			
10	16QAM	25	12	17.27	17.34	17.30			
10	16QAM	25	25	17.27	17.36	17.28	18	0	
10	16QAM	50	0	17.26	17.34	17.28			
10	64QAM	1	0	17.27	17.34	17.29			
10	64QAM	1	25	17.27	17.33	17.29			
10	64QAM	1	49	17.27	17.33	17.28	18	0	
10	64QAM	25	0	17.26	17.34	17.28			
10	64QAM	25	12	17.27	17.36	17.28			
10	64QAM	25	25	17.26	17.33	17.30			
10	64QAM	50	0	17.26	17.33	17.28	18	0	
Channel				18625	18900	19175			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	17.27	17.33	17.29	18	0	
5	QPSK	1	12	17.27	17.36	17.30			
5	QPSK	1	24	17.29	17.36	17.29			
5	QPSK	12	0	17.26	17.33	17.30			
5	QPSK	12	7	17.26	17.36	17.29	18	0	
5	QPSK	12	13	17.29	17.33	17.28			
5	QPSK	25	0	17.27	17.35	17.29			
5	16QAM	1	0	17.27	17.32	17.28			
5	16QAM	1	12	17.28	17.34	17.30	18	0	
5	16QAM	1	24	17.27	17.32	17.28			
5	16QAM	12	0	17.29	17.35	17.28			
5	16QAM	12	7	17.27	17.35	17.31			
5	16QAM	12	13	17.26	17.35	17.31	18	0	
5	16QAM	25	0	17.28	17.34	17.28			
5	64QAM	1	0	17.27	17.34	17.27			
5	64QAM	1	12	17.28	17.33	17.29			
5	64QAM	1	24	17.29	17.33	17.30	18	0	
5	64QAM	12	0	17.29	17.35	17.28			
5	64QAM	12	7	17.25	17.36	17.30			
5	64QAM	12	13	17.28	17.35	17.29			
5	64QAM	25	0	17.29	17.35	17.28	18	0	
Channel				18615	18900	19165			
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	17.26	17.33	17.27	18	0	
3	QPSK	1	8	17.26	17.35	17.29			
3	QPSK	1	14	17.28	17.34	17.28			
3	QPSK	8	0	17.28	17.33	17.28			
3	QPSK	8	4	17.29	17.35	17.28	18	0	
3	QPSK	8	7	17.28	17.34	17.28			
3	QPSK	15	0	17.27	17.35	17.30			
3	16QAM	1	0	17.27	17.33	17.31			
3	16QAM	1	8	17.28	17.33	17.28	18	0	
3	16QAM	1	14	17.29	17.36	17.30			
3	16QAM	8	0	17.25	17.35	17.28			
3	16QAM	8	4	17.28	17.32	17.30			
3	16QAM	8	7	17.27	17.35	17.31	18	0	
3	16QAM	15	0	17.28	17.33	17.28			
3	64QAM	1	0	17.27	17.33	17.30			
3	64QAM	1	8	17.27	17.33	17.30			
3	64QAM	1	14	17.28	17.33	17.28	18	0	
3	64QAM	8	0	17.27	17.36	17.30			
3	64QAM	8	4	17.28	17.36	17.30			
3	64QAM	8	7	17.25	17.35	17.28			
3	64QAM	15	0	17.25	17.34	17.30	18		
Channel				18607	18900	19193			
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	17.27	17.34	17.29	18	0	
1.4	QPSK	1	3	17.25	17.33	17.30			
1.4	QPSK	1	5	17.27	17.32	17.30			
1.4	QPSK	3	0	17.28	17.32	17.27			
1.4	QPSK	3	1	17.27	17.35	17.28	18	0	
1.4	QPSK	3	3	17.29	17.35	17.28			
1.4	QPSK	6	0	17.28	17.34	17.29			
1.4	16QAM	1	0	17.28	17.33	17.27			
1.4	16QAM	1	3	17.28	17.35	17.30	18	0	
1.4	16QAM	1	5	17.29	17.32	17.29			
1.4	16QAM	3	0	17.28	17.34	17.29			
1.4	16QAM	3	1	17.26	17.33	17.28			
1.4	16QAM	3	3	17.25	17.33	17.30	18	0	
1.4	16QAM	3	1	17.27	17.33	17.31			
1.4	16QAM	3	3	17.29	17.34	17.28			
1.4	16QAM	3	3	17.25	17.33	17.30			
1.4	16QAM	6	0	17.27	17.36	17.28	18		

Band 38(only on channel required)									
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	22.95	22.86	22.84	23.5	0	
20	QPSK	1	49	23.15	22.97	22.94			
20	QPSK	1	99	23.11	22.90	22.78			
20	QPSK	50	0	22.72	22.81	22.41	23	0.5	
20	QPSK	50	24	22.88	22.75	22.43			
20	QPSK	50	50	22.72	22.65	22.46			
20	QPSK	100	0	22.63	22.32	22.53	23	0.5	
20	16QAM	1	0	22.68	22.55	22.43			
20	16QAM	1	49	22.62	22.69	22.37			
20	16QAM	1	99	22.71	22.74	22.50	22	1.5	
20	16QAM	50	0	21.53	21.35	21.44			
20	16QAM	50	24	21.80	21.50	21.51			
20	16QAM	50	50	21.82	21.64	21.50	22	1.5	
20	16QAM	100	0	21.84	21.51	21.46			
20	64QAM	1	0	21.46	21.16	21.42			
20	64QAM	1	49	21.54	21.19	21.35	22	1.5	
20	64QAM	1	99	21.61	21.31	21.20			
20	64QAM	50	0	20.67	20.46	20.88			
20	64QAM	50	24	20.80	20.64	20.82	21	2.5	
20	64QAM	50	50	20.77	20.50	20.47			
20	64QAM	100	0	20.74	20.53	20.43			
Channel				37825	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2605			
15	QPSK	1	0	23.03	23.03	22.90	23.5	0	
15	QPSK	1	37	23.08	23.12	23.03			
15	QPSK	1	74	23.11	23.04	22.91			
15	QPSK	36	0	22.89	22.89	22.53	23	0.5	
15	QPSK	36	20	22.78	22.92	22.59			
15	QPSK	36	39	22.81	22.81	22.63			
15	QPSK	75	0	22.77	22.42	22.62	23	0.5	
15	16QAM	1	0	22.84	22.72	22.56			
15	16QAM	1	37	22.98	22.79	22.52			
15	16QAM	1	74	22.77	22.81	22.60	22	1.5	
15	16QAM	36	0	21.68	21.63	21.60			
15	16QAM	36	20	21.97	21.67	21.68			
15	16QAM	36	39	21.95	21.70	21.57	21	2.5	
15	16QAM	75	0	22.00	21.68	21.55			
15	64QAM	1	0	21.59	21.23	21.59			
15	64QAM	1	37	21.64	21.34	21.47	22	1.5	
15	64QAM	1	74	21.69	21.47	21.37			
15	64QAM	36	0	20.85	20.49	20.94			
15	64QAM	36	20	20.96	20.73	20.91	21	2.5	
15	64QAM	36	39	20.85	20.60	20.62			
15	64QAM	75	0	20.81	20.68	20.57			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.08	22.95	22.96	23.5	0	
10	QPSK	1	25	23.07	23.12	23.07			
10	QPSK	1	49	23.10	23.07	22.92			
10	QPSK	25	0	22.83	22.89	22.51	23	0.5	
10	QPSK	25	12	22.86	22.83	22.56			
10	QPSK	25	25	22.81	22.79	22.58			
10	QPSK	50	0	22.73	22.40	22.60	23	0.5	
10	16QAM	1	0	22.81	22.70	22.57			
10	16QAM	1	25	22.95	22.85	22.48			
10	16QAM	1	49	22.82	22.83	22.62	22	1.5	
10	16QAM	25	0	21.64	21.47	21.52			
10	16QAM	25	12	21.90	21.62	21.66			
10	16QAM	25	25	21.93	21.76	21.58	22	1.5	
10	16QAM	50	0	22.00	21.68	21.57			
10	64QAM	1	0	21.62	21.32	21.55			
10	64QAM	1	25	21.62	21.32	21.48	22	1.5	
10	64QAM	1	49	21.69	21.43	21.30			
10	64QAM	25	0	20.80	20.54	20.76			
10	64QAM	25	12	20.86	20.71	20.87	21	2.5	
10	64QAM	25	25	20.88	20.65	20.72			
10	64QAM	50	0	20.82	20.61	20.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.08	22.96	22.94	23.5	0	
5	QPSK	1	12	23.13	23.08	23.08			
5	QPSK	1	24	23.05	23.03	22.97			
5	QPSK	12	0	22.82	22.94	22.57	23	0.5	
5	QPSK	12	7	22.97	22.89	22.54			
5	QPSK	12	13	22.84	22.77	22.63			
5	QPSK	25	0	22.76	22.48	22.67	23	0.5	
5	16QAM	1	0	22.75	22.64	22.51			
5	16QAM	1	12	22.92	22.81	22.52			
5	16QAM	1	24	22.86	22.86	22.58	22	1.5	
5	16QAM	12	0	21.69	21.48	21.56			
5	16QAM	12	7	21.89	21.57	21.67			
5	16QAM	12	13	21.93	21.77	21.66	22	1.5	
5	16QAM	25	0	21.94	21.65	21.61			
5	64QAM	1	0	21.59	21.26	21.59			
5	64QAM	1	12	21.61	21.27	21.43	22	1.5	
5	64QAM	1	24	21.77	21.48	21.34			
5	64QAM	12	0	20.75	20.58	20.85			
5	64QAM	12	7	20.87	20.80	20.94	21	2.5	
5	64QAM	12	13	20.93	20.59	20.60			
5	64QAM	25	0	20.90	20.69	20.57			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.10	23.24	23.13	22.98	23.5	0
20	QPSK	1	49	23.24	23.30	23.39	23.19		
20	QPSK	1	99	22.96	23.16	23.08	22.99		
20	QPSK	50	0	22.87	22.76	22.96	22.65	23	0.5
20	QPSK	50	24	22.93	22.92	22.70	22.69		
20	QPSK	50	50	22.94	22.67	22.73	22.90		
20	QPSK	100	0	22.70	22.76	22.80	22.60	23	0.5
20	16QAM	1	0	22.86	22.91	22.76	22.66		
20	16QAM	1	49	22.95	22.80	22.92	22.57		
20	16QAM	1	99	22.60	22.64	22.51	22.53	22	1.5
20	16QAM	50	0	21.91	21.82	21.80	21.98		
20	16QAM	50	24	21.96	22.00	21.80	21.93		
20	16QAM	50	50	21.85	21.73	21.64	21.93	22	1.5
20	16QAM	100	0	21.85	21.84	21.60	21.48		
20	64QAM	1	0	21.39	21.45	21.34	21.71		
20	64QAM	1	49	21.65	21.68	21.52	21.59	22	1.5
20	64QAM	1	99	21.38	21.35	21.25	21.61		
20	64QAM	50	0	20.85	20.75	20.64	20.60		
20	64QAM	50	24	20.54	20.73	20.76	20.53	21	2.5
20	64QAM	50	50	20.75	20.64	20.58	20.43		
20	64QAM	100	0	20.82	20.79	20.66	20.63		
Channel				40115	40395	40685	41145	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.22	23.22	23.05	23.07	23.5	0
15	QPSK	1	37	23.24	23.34	23.02	22.94		
15	QPSK	1	74	23.19	22.96	23.06	23.11		
15	QPSK	36	0	22.93	22.73	22.83	22.69	23	0.5
15	QPSK	36	20	22.98	22.85	22.74	22.82		
15	QPSK	36	39	22.98	23.00	22.70	22.98		
15	QPSK	75	0	22.94	22.88	22.97	22.93	23	0.5
15	16QAM	1	0	22.62	22.57	22.61	22.45		
15	16QAM	1	37	22.48	22.72	22.59	22.37		
15	16QAM	1	74	22.50	22.28	22.47	22.34	22	1.5
15	16QAM	36	0	21.90	21.84	21.67	21.85		
15	16QAM	36	20	21.98	21.94	21.99	21.90		
15	16QAM	36	39	21.99	21.92	21.71	22.00	22	1.5
15	16QAM	75	0	21.91	21.85	21.69	21.95		
15	64QAM	1	0	21.57	21.51	21.56	21.86		
15	64QAM	1	37	21.74	21.56	21.54	21.72	22	1.5
15	64QAM	1	74	21.75	21.61	21.61	21.77		
15	64QAM	36	0	20.84	20.89	20.89	20.80		
15	64QAM	36	20	21.00	20.78	20.93	20.80	21	2.5
15	64QAM	36	39	20.93	20.97	20.89	20.78		
15	64QAM	75	0	20.91	20.88	20.92	20.65		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25340	25630	25930	26430		
10	QPSK	1	0	23.23	23.33	23.14	22.95	23.5	0
10	QPSK	1	25	23.21	22.98	23.05	22.87		
10	QPSK	1	49	23.19	23.28	22.97	22.98		
10	QPSK	25	0	22.95	22.93	22.74	22.79	23	0.5
10	QPSK	25	12	22.96	22.98	22.73	22.82		
10	QPSK	25	25	22.93	22.83	22.71	22.68		
10	QPSK	50	0	22.99	22.96	22.67	22.78	23	0.5
10	16QAM	1	0	22.81	22.91	22.77	22.52		
10	16QAM	1	25	22.56	22.71	22.87	22.47		
10	16QAM	1	49	22.74	22.62	22.52	22.61	22	1.5
10	16QAM	25	0	21.95	21.98	21.71	21.80		
10	16QAM	25	12	22.00	21.92	21.82	21.87		
10	16QAM	25	25	21.93	21.89	21.69	21.81	21	2.5
10	16QAM	50	0	21.93	21.97	21.76	21.91		
10	64QAM	1	0	21.70	21.68	21.59	21.60		
10	64QAM	1	25	21.75	21.76	21.80	21.82	22	1.5
10	64QAM	1	49	21.55	21.58	21.46	21.48		
10	64QAM	1	99	20.87	20.99	20.90	20.64		
10	64QAM	25	12	20.95	20.93	20.86	20.65	21	2.5
10	64QAM	25	25	20.87	20.88	20.75	20.77		
10	64QAM	50	0	20.92	20.95	20.84	20.67		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25375	25683	26015	26523		
5	QPSK	1	0	23.14	23.29	23.10	22.92	23.5	0
5	QPSK	1	12	23.22	23.00	23.03	22.84		
5	QPSK	1	24	23.18	23.31	22.99	22.81		
5	QPSK	12	0	22.98	22.98	22.92	22.91	23	0.5
5	QPSK	12	7	22.93	22.98	22.89	22.73		
5	QPSK	12	13	22.88	22.99	22.81	22.79		
5	QPSK	12	19	22.85	22.92	22.86	22.83	23	0.5
5	16QAM	1	0	22.90	22.99	22.85	22.78		
5	16QAM	1	12	22.87	22.97	22.89	22.61		
5	16QAM	1	24	22.80	22.99	22.88	22.58	22	1.5
5	16QAM	12	0	21.92	21.98	21.94	21.99		
5	16QAM	12	7	21.81	21.93	21.83	22.00		
5	16QAM	25	13	21.76	21.96	21.75	21.76	21	2.5
5	16QAM	25	0	22.00	21.98	21.91	21.99		
5	64QAM	1	0	21.78	21.82	21.67	21.73		
5	64QAM	1	12	21.97	21.95	21.73	21.81	22	1.5
5	64QAM	1	24	21.83	21.67	21.83	21.49		
5	64QAM	12	0	20.78	20.90	20.75	20.53		
5	64QAM	12	7	20.69	20.84	20.77	20.51	21	2.5
5	64QAM	12	13	20.65	20.80	20.65	20.48		
5	64QAM	25	0	20.75	20.59	20.80	20.61		

Reduced Power Mode for Handheld On

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)								
GSM 1 Tx slot	28.67	28.69	28.68	29.00	19.67	19.69	19.68	20.00
GPRS 1 Tx slot	28.65	28.67	28.66	29.00	19.65	19.67	19.66	20.00
GPRS 2 Tx slots	27.73	27.88	27.78	28.50	21.73	21.89	21.78	22.50
GPRS 3 Tx slots	24.93	24.95	24.92	25.50	20.67	20.69	20.68	22.24
GPRS 4 Tx slots	22.85	22.86	22.86	24.00	19.65	19.66	19.66	21.00
EDGE 1 Tx slot	24.51	24.59	24.57	25.00	15.51	15.59	15.57	17.00
EDGE 2 Tx slots	23.11	23.15	23.13	23.00	17.11	17.15	17.13	19.00
EDGE 3 Tx slots	20.79	20.83	20.77	22.50	16.53	16.57	16.51	18.24
EDGE 4 Tx slots	18.56	18.57	18.53	20.00	15.56	15.57	15.53	17.00

Band	WCDMA II			Tune-up Limit (dBm)
	9262	9400	9638	
TX Channel	9562	9600	9638	
Rx Channel	1852.4	1880	1897.6	
Frequency (MHz)				
3GPP Rel 99 AMR 12.2Kbps	20.80	20.91	20.95	21.50
3GPP Rel 99 RMC 12.2Kbps	20.89	21.07	21.05	21.50
3GPP Rel 6 HSDPA Subtest-1	19.86	19.94	19.85	20.50
3GPP Rel 6 HSDPA Subtest-2	19.94	19.99	19.88	20.50
3GPP Rel 6 HSDPA Subtest-3	19.28	19.42	19.33	20.00
3GPP Rel 6 HSDPA Subtest-4	19.24	19.40	19.28	20.00
3GPP Rel 6 DC-HSDPA Subtest-1	19.81	19.92	19.99	20.50
3GPP Rel 6 DC-HSDPA Subtest-2	19.79	20.03	20.06	20.50
3GPP Rel 6 DC-HSDPA Subtest-3	19.33	19.49	19.69	20.00
3GPP Rel 6 DC-HSDPA Subtest-4	19.29	19.41	19.49	20.00
3GPP Rel 6 HSUPA Subtest-1	19.91	19.85	19.81	20.50
3GPP Rel 6 HSUPA Subtest-2	17.86	17.89	17.85	18.50
3GPP Rel 6 HSUPA Subtest-3	17.82	17.93	17.93	18.50
3GPP Rel 6 HSUPA Subtest-4	17.84	17.89	17.85	18.50
3GPP Rel 6 HSUPA Subtest-5	19.91	19.93	19.82	20.50

Band 2 (1900MHz Band) Part 24E										
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)							16700	16900	19100	
							1690	1690	1900	
20	QPSK	1	0	21.66	21.61	21.67	22	0		
20	QPSK	1	49	21.33	21.26	21.26				
20	QPSK	1	99	21.52	21.27	21.46				
20	QPSK	50	0	21.44	21.53	21.55				
20	QPSK	50	24	21.44	21.56	21.61	22	0		
20	QPSK	50	50	21.33	21.54	21.54				
20	QPSK	100	0	20.86	21.09	21.17				
20	16QAM	1	0	21.24	21.39	21.45				
20	16QAM	1	49	21.08	21.19	21.11	22	0		
20	16QAM	1	99	21.25	21.34	21.29				
20	16QAM	50	0	20.90	20.97	21.04				
20	16QAM	50	24	20.83	20.95	21.07				
20	16QAM	50	50	20.92	21.00	21.03	22	0		
20	16QAM	100	0	20.90	21.08	21.02				
20	64QAM	1	0	21.19	21.30	21.43				
20	64QAM	1	49	21.02	21.13	21.04				
20	64QAM	1	99	21.22	21.24	21.27	22	0		
20	64QAM	50	0	20.04	20.10	20.17				
20	64QAM	50	24	20.12	20.14	20.26				
20	64QAM	50	50	20.06	20.23	20.19				
20	64QAM	100	0	20.15	20.21	20.18	21	1		
Channel								18675	18900	19125
Frequency (MHz)								1867.5	1890	1902.5
15	QPSK	1	0	21.17	21.26	21.24	22	0		
15	QPSK	1	37	21.16	21.29	21.26				
15	QPSK	1	74	21.33	21.33	21.40				
15	QPSK	36	0	21.46	21.49	21.58				
15	QPSK	36	20	21.41	21.53	21.60	22	0		
15	QPSK	36	39	21.38	21.48	21.53				
15	QPSK	75	0	20.91	21.10	21.17				
15	16QAM	1	0	21.24	21.42	21.47				
15	16QAM	1	37	21.08	21.15	21.11	22	0		
15	16QAM	1	74	21.26	21.34	21.22				
15	16QAM	36	0	20.84	20.84	21.06				
15	16QAM	36	20	20.86	21.02	21.07				
15	16QAM	36	39	20.93	21.05	21.01	22	0		
15	16QAM	75	0	20.88	21.06	21.07				
15	64QAM	1	0	21.19	21.27	21.43				
15	64QAM	1	37	21.03	21.16	21.09				
15	64QAM	1	74	21.21	21.24	21.33	22	0		
15	64QAM	36	0	20.07	20.13	20.24				
15	64QAM	36	20	20.13	20.15	20.29				
15	64QAM	36	39	20.09	20.22	20.22				
15	64QAM	75	0	20.11	20.19	20.16	21	1		
Channel								18650	18900	19150
Frequency (MHz)								1855	1890	1905
10	QPSK	1	0	21.23	21.27	21.27	22	0		
10	QPSK	1	25	21.18	21.27	21.21				
10	QPSK	1	49	21.31	21.30	21.42				
10	QPSK	25	0	21.42	21.48	21.52				
10	QPSK	25	12	21.42	21.61	21.57	22	0		
10	QPSK	25	25	21.31	21.49	21.54				
10	QPSK	50	0	20.93	21.12	21.18				
10	16QAM	1	0	21.20	21.37	21.47				
10	16QAM	1	25	21.05	21.22	21.12	22	0		
10	16QAM	1	49	21.29	21.29	21.28				
10	16QAM	25	0	20.89	20.94	21.01				
10	16QAM	25	12	20.87	20.97	21.09				
10	16QAM	25	25	20.91	21.04	20.99	22	0		
10	16QAM	50	0	20.89	21.05	21.02				
10	64QAM	1	0	21.15	21.33	21.42				
10	64QAM	1	25	20.99	21.15	21.03				
10	64QAM	1	49	21.23	21.26	21.33	22	0		
10	64QAM	25	0	20.08	20.15	20.24				
10	64QAM	25	12	20.08	20.16	20.25				
10	64QAM	25	25	20.09	20.25	20.19				
10	64QAM	50	0	20.13	20.16	20.22	21	1		
Channel								18625	18900	19175
Frequency (MHz)								1862.5	1890	1907.5
5	QPSK	1	0	21.22	21.33	21.24	22	0		
5	QPSK	1	12	21.16	21.24	21.24				
5	QPSK	1	24	21.29	21.32	21.45				
5	QPSK	12	0	21.39	21.48	21.53				
5	QPSK	12	7	21.44	21.60	21.58	22	0		
5	QPSK	12	13	21.35	21.51	21.50				
5	QPSK	25	0	20.87	21.15	21.22				
5	16QAM	1	0	21.25	21.39	21.46				
5	16QAM	1	12	21.09	21.22	21.16	22	0		
5	16QAM	1	24	21.25	21.35	21.28				
5	16QAM	12	0	20.83	20.90	21.03				
5	16QAM	12	7	20.88	20.96	21.10				
5	16QAM	12	13	20.94	21.05	21.04	22	0		
5	16QAM	25	0	20.96	21.02	21.08				
5	64QAM	1	0	21.21	21.29	21.40				
5	64QAM	1	12	21.01	21.13	21.08				
5	64QAM	1	24	21.24	21.25	21.28	22	0		
5	64QAM	12	0	20.06	20.13	20.23				
5	64QAM	12	7	20.14	20.13	20.27				
5	64QAM	12	13	20.09	20.22	20.16				
5	64QAM	25	0	20.09	20.19	20.19	21	1		
Channel								18615	18900	19165
Frequency (MHz)								1861.5	1890	1908.5
3	QPSK	1	0	21.18	21.34	21.21	22	0		
3	QPSK	1	8	21.15	21.28	21.25				
3	QPSK	1	14	21.31	21.29	21.43				
3	QPSK	8	0	21.45	21.48	21.59				
3	QPSK	8	4	21.39	21.54	21.60	22	0		
3	QPSK	8	7	21.33	21.53	21.53				
3	QPSK	15	0	20.89	21.10	21.21				
3	16QAM	1	0	21.26	21.38	21.51				
3	16QAM	1	8	21.04	21.19	21.14	22	0		
3	16QAM	1	14	21.28	21.31	21.24				
3	16QAM	8	0	20.86	20.89	21.03				
3	16QAM	8	4	20.85	20.96	21.09				
3	16QAM	8	7	20.87	21.01	21.01	22	0		
3	16QAM	15	0	20.95	21.01	21.02				
3	64QAM	1	0	21.17	21.32	21.41				
3	64QAM	1	8	20.99	21.16	21.03				
3	64QAM	1	14	21.23	21.20	21.33	22	0		
3	64QAM	8	0	20.10	20.15	20.21				
3	64QAM	8	4	20.10	20.13	20.23				
3	64QAM	8	7	20.11	20.21	20.18				
3	64QAM	15	0	20.16	20.21	20.16	21	1		
Channel								18607	18900	19193
Frequency (MHz)								1860.7	1890	1909.3
1.4	QPSK	1	0	21.23	21.30	21.20	22	0		
1.4	QPSK	1	3	21.16	21.26	21.21				
1.4	QPSK	1	5	21.34	21.33	21.43				
1.4	QPSK	3	0	21.45	21.49	21.52				
1.4	QPSK	3	1	21.40	21.61	21.56	22	0		
1.4	QPSK	3	3	21.35	21.51	21.48				
1.4	QPSK	6	0	20.92	21.10	21.16				
1.4	16QAM	1	0	21.20	21.43	21.51				
1.4	16QAM	1	3	21.07	21.23	21.14	22	0		
1.4	16QAM	1	5	21.30	21.34	21.23				
1.4	16QAM	3	0	20.82	20.97	21.04				
1.4	16QAM	3	1	20.86	21.02	21.04				
1.4	16QAM	3	3	20.92	21.02	21.07	22	0		
1.4	16QAM	6	0	20.94	21.06	21.07				
1.4	64QAM	1	0	20.85	20.95	21.04				
1.4	64QAM	1	3	20.83	20.96	21.08				
1.4	64QAM	1	5	20.92	21.06	21.05	22	0		
1.4	64QAM	3	0	21.12	21.22	21.26				
1.4	64QAM	3	1	21.15	21.30	21.25				
1.4	64QAM	3	3	21.16	21.31	21.25				
1.4	64QAM	6	0	20.10	20.17	20.18	21	1		

Band 38(only on channel required)									
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	22.95	22.86	22.84	23.5	0	
20	QPSK	1	49	23.15	22.97	22.94			
20	QPSK	1	99	23.11	22.90	22.78			
20	QPSK	50	0	22.72	22.81	22.41	23	0.5	
20	QPSK	50	24	22.88	22.75	22.43			
20	QPSK	50	50	22.72	22.65	22.46			
20	QPSK	100	0	22.63	22.32	22.53	23	0.5	
20	16QAM	1	0	22.68	22.55	22.43			
20	16QAM	1	49	22.62	22.69	22.37			
20	16QAM	1	99	22.71	22.74	22.50	22	1.5	
20	16QAM	50	0	21.53	21.35	21.44			
20	16QAM	50	24	21.80	21.50	21.51			
20	16QAM	50	50	21.82	21.64	21.50	22	1.5	
20	16QAM	100	0	21.84	21.51	21.46			
20	64QAM	1	0	21.46	21.16	21.42			
20	64QAM	1	49	21.54	21.19	21.35	22	1.5	
20	64QAM	1	99	21.61	21.31	21.20			
20	64QAM	50	0	20.67	20.46	20.88			
20	64QAM	50	24	20.80	20.64	20.82	21	2.5	
20	64QAM	50	50	20.77	20.50	20.47			
20	64QAM	100	0	20.74	20.53	20.43			
Channel				37425	38000	20.13	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	26.65			
15	QPSK	1	0	23.03	23.03	22.90	23.5	0	
15	QPSK	1	37	23.08	23.12	23.03			
15	QPSK	1	74	23.11	23.04	22.91			
15	QPSK	36	0	22.89	22.89	22.53	23	0.5	
15	QPSK	36	20	22.78	22.92	22.59			
15	QPSK	36	39	22.81	22.81	22.63			
15	QPSK	75	0	22.77	22.42	22.62	23	0.5	
15	16QAM	1	0	22.84	22.72	22.56			
15	16QAM	1	37	22.98	22.79	22.52			
15	16QAM	1	74	22.77	22.81	22.60	22	1.5	
15	16QAM	36	0	21.68	21.63	21.60			
15	16QAM	36	20	21.97	21.67	21.68			
15	16QAM	36	39	21.95	21.70	21.57	21	2.5	
15	16QAM	75	0	22.00	21.68	21.55			
15	64QAM	1	0	21.59	21.23	21.59			
15	64QAM	1	37	21.64	21.34	21.47	22	1.5	
15	64QAM	1	74	21.69	21.47	21.37			
15	64QAM	36	0	20.85	20.49	20.94			
15	64QAM	36	20	20.96	20.73	20.91	21	2.5	
15	64QAM	36	39	20.85	20.60	20.62			
15	64QAM	75	0	20.81	20.68	20.57			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	26.15			
10	QPSK	1	0	23.08	22.95	22.96	23.5	0	
10	QPSK	1	25	23.07	23.12	23.07			
10	QPSK	1	49	23.10	23.07	22.92			
10	QPSK	25	0	22.83	22.89	22.51	23	0.5	
10	QPSK	25	12	22.86	22.83	22.56			
10	QPSK	25	25	22.81	22.79	22.58			
10	QPSK	50	0	22.73	22.40	22.60	23	0.5	
10	16QAM	1	0	22.81	22.70	22.57			
10	16QAM	1	25	22.95	22.85	22.48			
10	16QAM	1	49	22.82	22.83	22.62	22	1.5	
10	16QAM	25	0	21.64	21.47	21.52			
10	16QAM	25	12	21.90	21.62	21.66			
10	16QAM	25	25	21.93	21.76	21.58	22	1.5	
10	16QAM	50	0	22.00	21.68	21.57			
10	64QAM	1	0	21.62	21.32	21.55			
10	64QAM	1	25	21.62	21.32	21.48	22	1.5	
10	64QAM	1	49	21.69	21.43	21.30			
10	64QAM	25	0	20.80	20.54	20.76			
10	64QAM	25	12	20.86	20.71	20.87	21	2.5	
10	64QAM	25	25	20.88	20.65	20.72			
10	64QAM	50	0	20.82	20.61	20.59			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	26.17.5			
5	QPSK	1	0	23.08	22.96	22.94	23.5	0	
5	QPSK	1	12	23.13	23.08	23.08			
5	QPSK	1	24	23.05	23.03	22.97			
5	QPSK	12	0	22.82	22.94	22.57	23	0.5	
5	QPSK	12	7	22.97	22.89	22.54			
5	QPSK	12	13	22.84	22.77	22.63			
5	QPSK	25	0	22.76	22.48	22.67	23	0.5	
5	16QAM	1	0	22.75	22.64	22.51			
5	16QAM	1	12	22.92	22.81	22.52			
5	16QAM	1	24	22.86	22.86	22.58	22	1.5	
5	16QAM	12	0	21.69	21.48	21.56			
5	16QAM	12	7	21.89	21.57	21.67			
5	16QAM	12	13	21.93	21.77	21.66	22	1.5	
5	16QAM	25	0	21.94	21.65	21.61			
5	64QAM	1	0	21.59	21.26	21.59			
5	64QAM	1	12	21.61	21.27	21.43	22	1.5	
5	64QAM	1	24	21.77	21.48	21.34			
5	64QAM	12	0	20.75	20.58	20.85			
5	64QAM	12	7	20.87	20.80	20.94	21	2.5	
5	64QAM	12	13	20.93	20.59	20.60			
5	64QAM	25	0	20.90	20.69	20.57			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.10	23.24	23.13	22.98	23.5	0
20	QPSK	1	49	23.24	23.30	23.39	23.19		
20	QPSK	1	99	22.96	23.16	23.08	22.99		
20	QPSK	50	0	22.87	22.76	22.96	22.65	23	0.5
20	QPSK	50	24	22.93	22.92	22.70	22.69		
20	QPSK	50	50	22.94	22.67	22.73	22.90		
20	QPSK	100	0	22.70	22.76	22.80	22.60	23	0.5
20	16QAM	1	0	22.86	22.91	22.76	22.66		
20	16QAM	1	49	22.95	22.80	22.92	22.57		
20	16QAM	1	99	22.60	22.64	22.51	22.53	22	1.5
20	16QAM	50	0	21.91	21.82	21.80	21.98		
20	16QAM	50	24	21.96	22.00	21.80	21.93		
20	16QAM	50	50	21.85	21.73	21.64	21.93	22	1.5
20	16QAM	100	0	21.85	21.84	21.60	21.48		
20	64QAM	1	0	21.39	21.45	21.34	21.71		
20	64QAM	1	49	21.65	21.68	21.52	21.59	22	1.5
20	64QAM	1	99	21.38	21.35	21.25	21.61		
20	64QAM	50	0	20.85	20.75	20.64	20.60		
20	64QAM	50	24	20.54	20.73	20.76	20.53	21	2.5
20	64QAM	50	50	20.75	20.64	20.58	20.43		
20	64QAM	100	0	20.82	20.79	20.66	20.63		
Channel				40115	40395	40685	41145	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.22	23.22	23.05	23.07	23.5	0
15	QPSK	1	37	23.24	23.34	23.02	22.94		
15	QPSK	1	74	23.19	22.96	23.06	23.11		
15	QPSK	36	0	22.93	22.73	22.83	22.89	23	0.5
15	QPSK	36	20	22.98	22.85	22.74	22.82		
15	QPSK	36	39	22.98	23.00	22.70	22.98		
15	QPSK	75	0	22.94	22.88	22.97	22.93	23	0.5
15	16QAM	1	0	22.62	22.57	22.61	22.45		
15	16QAM	1	37	22.48	22.72	22.59	22.37		
15	16QAM	1	74	22.50	22.28	22.47	22.34	22	1.5
15	16QAM	36	0	21.90	21.84	21.81	21.85		
15	16QAM	36	20	21.98	21.94	21.99	21.90		
15	16QAM	36	39	21.99	21.92	21.71	22.00	22	1.5
15	16QAM	75	0	21.91	21.85	21.69	21.95		
15	64QAM	1	0	21.57	21.51	21.56	21.86		
15	64QAM	1	37	21.74	21.56	21.54	21.72	22	1.5
15	64QAM	1	74	21.75	21.74	21.61	21.77		
15	64QAM	36	0	20.84	20.89	20.89	20.80		
15	64QAM	36	20	21.00	20.78	20.93	20.80	21	2.5
15	64QAM	36	39	20.93	20.97	20.89	20.78		
15	64QAM	75	0	20.91	20.88	20.92	20.65		
Channel				40099	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				25340	25630	25930	26430		
10	QPSK	1	0	23.23	23.34	23.14	22.95	23.5	0
10	QPSK	1	25	23.21	22.98	23.05	22.87		
10	QPSK	1	49	23.19	23.28	22.97	22.98		
10	QPSK	25	0	22.95	22.93	22.74	22.79	23	0.5
10	QPSK	25	12	22.96	22.98	22.92	22.82		
10	QPSK	25	25	22.93	22.83	22.73	22.68		
10	QPSK	50	0	22.99	22.96	22.67	22.78	23	0.5
10	16QAM	1	0	22.81	22.91	22.77	22.52		
10	16QAM	1	25	22.56	22.71	22.87	22.47		
10	16QAM	1	49	22.74	22.62	22.52	22.61	22	1.5
10	16QAM	25	0	21.95	21.98	21.71	21.80		
10	16QAM	25	12	22.00	21.92	21.82	21.81		
10	16QAM	25	25	21.93	21.89	21.69	21.81	21	2.5
10	16QAM	50	0	21.93	21.97	21.76	21.91		
10	64QAM	1	0	21.70	21.68	21.59	21.60		
10	64QAM	1	25	21.75	21.76	21.60	21.82	22	1.5
10	64QAM	1	49	21.55	21.58	21.46	21.48		
10	64QAM	1	74	20.87	20.99	20.99	20.64		
10	64QAM	25	12	20.95	20.93	20.86	20.65	21	2.5
10	64QAM	25	25	20.87	20.88	20.75	20.77		
10	64QAM	50	0	20.92	20.95	20.84	20.67		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2567.5	2601.5	2652.5		
5	QPSK	1	0	23.14	23.29	23.29	22.92	23.5	0
5	QPSK	1	12	23.22	23.00	23.03	22.84		
5	QPSK	1	24	23.18	23.31	22.99	22.81		
5	QPSK	12	0	22.98	22.98	22.92	22.91	23	0.5
5	QPSK	12	7	22.93	22.86	22.89	22.73		
5	QPSK	12	13	22.88	22.99	22.81	22.79		
5	QPSK	12	19	22.89	22.96	22.82	22.83	23	0.5
5	16QAM	1	0	22.90	22.99	22.85	22.78		
5	16QAM	1	12	22.87	22.97	22.89	22.61		
5	16QAM	1	24	22.80	22.99	22.86	22.58	22	1.5
5	16QAM	12	0	21.92	21.98	21.94	21.99		
5	16QAM	12	7	21.81	21.93	21.83	22.00		
5	16QAM	12	13	21.76	21.95	21.85	21.76	21	2.5
5	16QAM	25	0	22.00	21.98	21.91	21.99		
5	64QAM	1	0	21.78	21.82	21.67	21.73		
5	64QAM	1	12	21.97	21.95	21.73	21.81	22	1.5
5	64QAM	1	24	21.63	21.67	21.63	21.49		
5	64QAM	12	0	20.78	20.90	20.75	20.53		
5	64QAM	12	7	20.69	20.84	20.74	20.51	21	2.5
5	64QAM	12	13	20.65	20.80	20.65	20.48		
5	64QAM	25	0	20.75	20.59	20.80	20.61		

2.4GHz WLAN			Full Power & Body Worn & Hotspot & Handheld				At Head		Duty Cycle
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit			
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.10	18.00	17.10	18.00	98.83	
		6	2437	17.20	18.00	17.20	18.00		
		11	2462	17.10	18.00	17.10	18.00		
		16	2487	16.90	17.00	16.90	18.00		
	802.11g 6Mbps	1	2412	18.00	19.00	17.10	18.00	98.27	
		6	2437	18.10	19.00	17.10	18.00		
		11	2462	15.70	17.00	15.70	17.00		
		16	2487	15.70	17.00	15.70	17.00		
	802.11n-HT20 MCS0	1	2412	17.50	18.50	17.00	18.00	97.78	
		6	2437	17.60	18.50	17.10	18.00		
		11	2462	15.70	17.00	15.70	17.00		
		16	2487	15.70	17.00	15.70	17.00		

5.2GHz WLAN				Full Power & At Head & Handheld		At Body worn/Hotspot		Duty Cycle	
Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit			
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.93	19.00	14.74	16.00	98.27	
		40	5200	17.83	19.00	15.15	16.00		
		44	5220	17.89	19.00	15.25	16.00		
		48	5240	17.90	19.00	15.30	16.00		
	802.11n-HT20 MCS0	36	5180	16.80	18.00	14.56	16.00	98.15	
		40	5200	16.72	18.00	14.86	16.00		
		44	5220	16.89	18.00	15.06	16.00		
		48	5240	16.99	18.00	15.13	16.00		
	802.11n-VHT40 MCS0	36	5190	15.84	17.00	14.83	16.00	96.48	
		40	5210	15.88	17.00	15.38	16.00		
		44	5230	16.63	18.00	14.48	16.00		
		48	5250	16.58	18.00	14.88	16.00		
	802.11ac-VHT20 MCS0	44	5220	16.70	18.00	14.98	16.00	98.15	
		48	5240	16.80	18.00	15.05	16.00		
		36	5190	15.70	17.00	14.75	16.00		96.49
		48	5230	15.78	17.00	15.29	16.00		
	802.11ac-VHT80 MCS0	42	5210	14.94	16.00	14.94	16.00	93.05	

5.3GHz WLAN				Full Power & At Head & Handheld		At Body worn				
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle		
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.85	19.00	14.18	15.00	98.27		
		56	5280	17.78	19.00	14.29	15.00			
		60	5300	17.87	19.00	14.30	15.00			
		64	5320	17.90	19.00	14.23	15.00			
	802.11n-HT20 MCS0	52	5260	16.91	18.00	13.99	15.00	98.15		
		56	5280	16.83	18.00	14.10	15.00			
		60	5300	16.93	18.00	14.14	15.00			
		64	5320	16.86	18.00	14.07	15.00			
	802.11n-VHT40 MCS0	54	5270	15.95	17.00	14.37	15.00	96.48		
		62	5310	15.98	17.00	14.49	15.00			
		802.11ac-VHT20 MCS0	52	5260	16.71	18.00	13.87		15.00	98.15
			56	5280	16.74	18.00	13.98		15.00	
	60		5300	16.79	18.00	14.00	15.00			
	64		5320	16.80	18.00	13.85	15.00			
	802.11ac-VHT40 MCS0	54	5270	15.80	17.00	14.17	15.00	96.49		
		62	5310	15.83	17.00	14.29	15.00			
802.11ac-VHT80 MCS0		58	5290	14.78	16.00	14.26	15.00		93.05	

5.5GHz WLAN				Full Power & At Head & Handheld		At Body worn		Duty Cycle
Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit		
802.11a 6Mbps	100	5500	12.00	13.00	12.00	13.00	98.27	
	116	5580	17.84	19.00	15.23	16.00		
	124	5620	17.78	19.00	15.06	16.00		
	132	5660	17.68	19.00	14.96	16.00		
	140	5700	17.72	19.00	14.95	16.00		
	144	5720	17.73	19.00	15.18	16.00		
802.11n-HT20 MCS0	100	5500	16.83	18.00	14.55	16.00	98.15	
	116	5580	16.82	18.00	15.05	16.00		
	124	5620	16.76	18.00	14.90	16.00		
	132	5660	16.81	18.00	14.80	16.00		
	140	5700	16.96	18.00	14.78	16.00		
	144	5720	16.91	18.00	15.03	16.00		
802.11n-VHT40 MCS0	102	5510	12.24	13.00	12.24	13.00	96.48	
	110	5550	15.88	17.00	15.88	16.00		
	126	5630	15.62	17.00	15.23	16.00		
	134	5670	15.99	17.00	15.18	16.00		
	142	5710	15.80	17.00	15.16	16.00		
	150	5750	16.71	18.00	14.35	16.00		
802.11ac-VHT20 MCS0	100	5500	16.71	18.00	14.35	16.00	98.15	
	116	5580	16.64	18.00	14.87	16.00		
	124	5620	16.62	18.00	14.82	16.00		
	132	5660	16.73	18.00	14.68	16.00		
	140	5700	16.89	18.00	14.58	16.00		
	144	5720	16.85	18.00	14.88	16.00		
802.11ac-VHT40 MCS0	102	5510	12.14	13.00	12.14	13.00	96.49	
	110	5550	15.67	17.00	15.67	16.00		
	126	5630	15.68	17.00	15.04	16.00		
	134	5670	15.83	17.00	15.00	16.00		
	142	5710	15.73	17.00	15.02	16.00		
	150	5750	12.02	13.00	12.02	13.00		
802.11ac-VHT80 MCS0	122	5610	16.11	17.00	15.10	16.00	93.05	
	138	5690	15.99	17.00	14.78	16.00		

5.8GHz WLAN/Full Power & At Head & Body Worn & Hotspot & Handheld						
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	12.58	13.50	98.27
		157	5785	12.67	13.50	
		165	5825	12.74	13.50	
	802.11n-HT20 MCS0	149	5745	12.51	13.50	98.15
		157	5785	12.58	13.50	
		165	5825	12.62	13.50	
	802.11n-VHT40 MCS0	151	5795	12.46	13.50	96.48
		159	5795	12.42	13.50	
		167	5835	12.48	13.50	
	802.11ac-VHT20 MCS0	157	5785	12.53	13.50	98.15
		165	5825	12.59	13.50	
		173	5865	12.41	13.50	
	802.11ac-VHT40 MCS0	151	5795	12.39	13.50	96.49
		159	5795	12.39	13.50	
		167	5835	12.21	13.50	

BT 2.0

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
	CH 00	2402	10.80	8.90	8.90
	CH 39	2441	11.00	9.10	9.00
	CH 78	2480	10.40	8.70	8.70
Tune-up Limit			12		

BT 4.0&5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
	CH 00	2402	6.50
	CH 19	2440	6.80
	CH 39	2480	6.90
Tune-up Limit			8.00