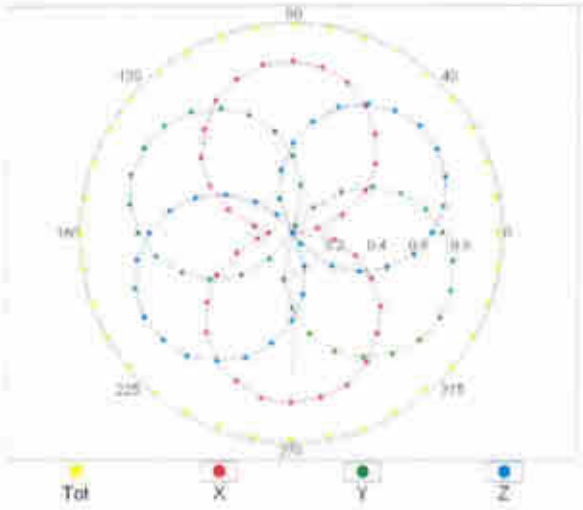
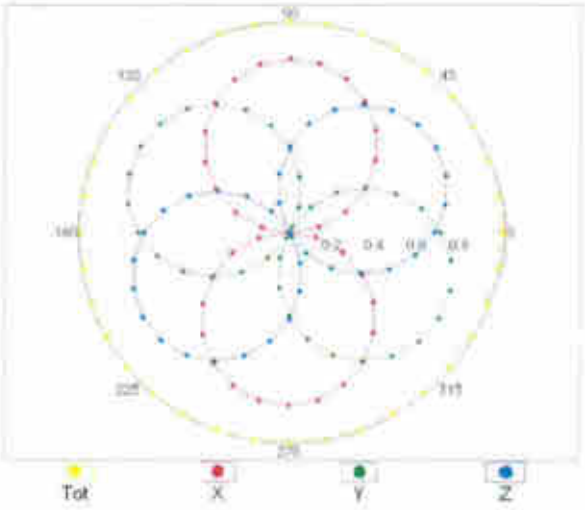
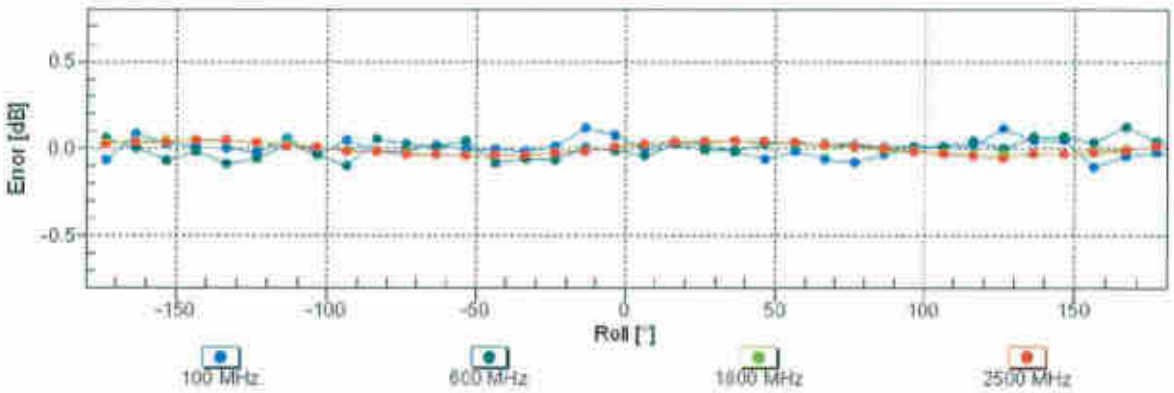
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



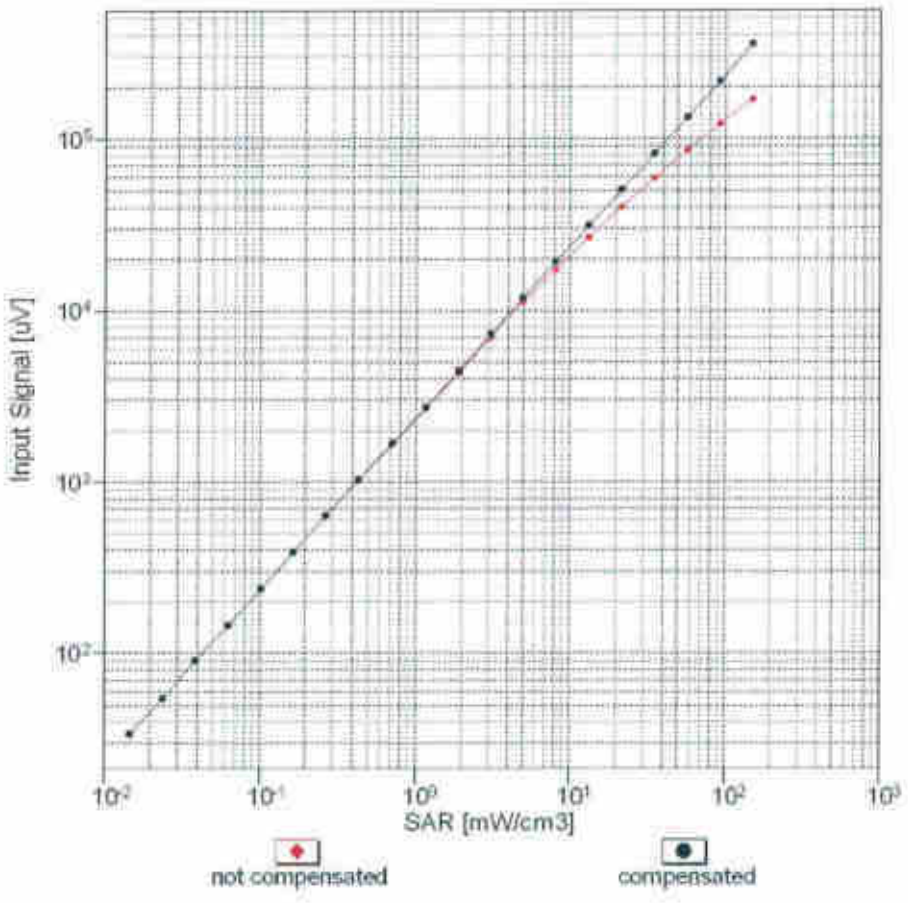
f=1800 MHz,R22

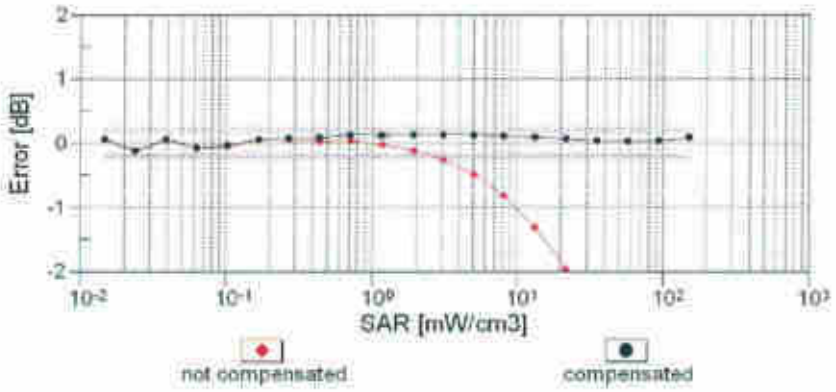




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})
(TEM cell , f_{eval}= 1900 MHz)

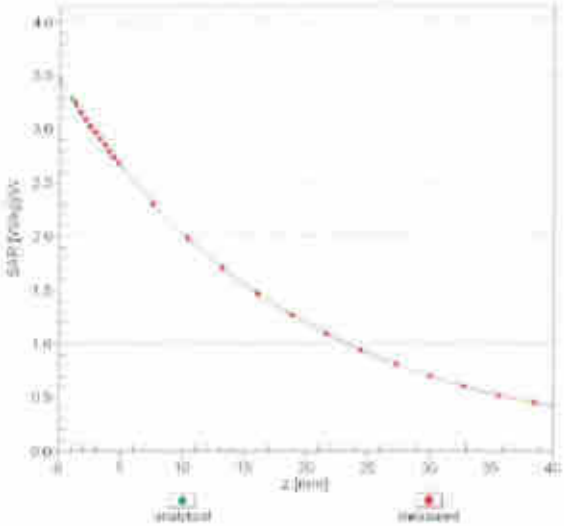




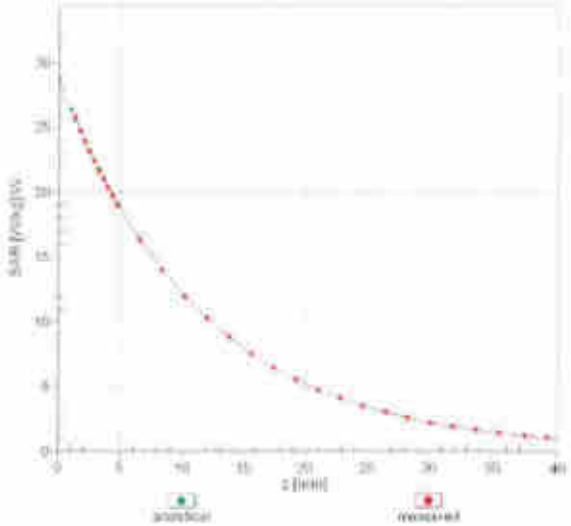
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

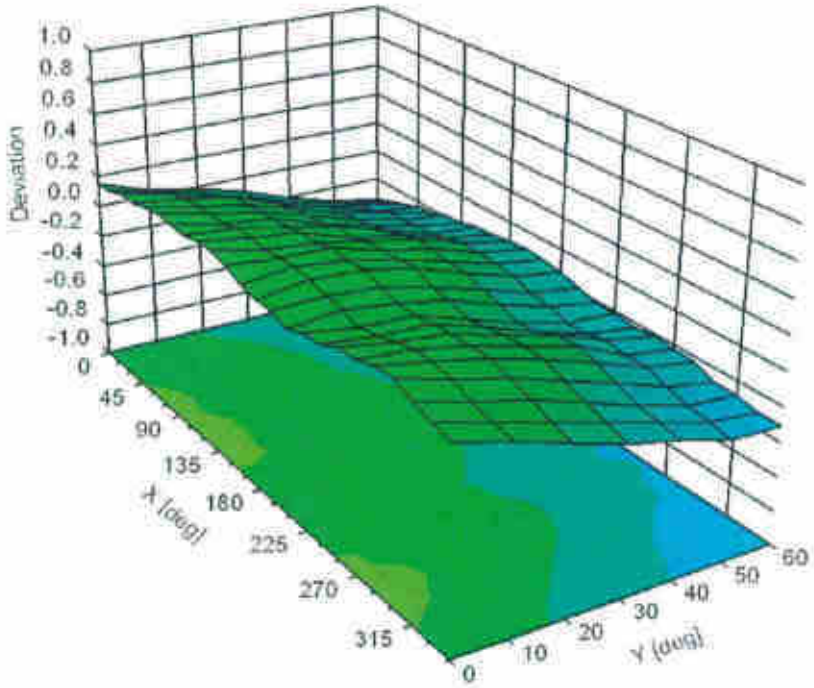


f = 1900 MHz,WGLS R22 (H_convF)



Deviation from Isotropy in Liquid

Error (ϕ, ϑ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc[E] (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %

10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %

10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %

10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %

10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10462	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	± 9.6 %
10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	± 9.6 %
10464	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10465	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10466	AAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6 %
10467	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10469	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	± 9.6 %
10470	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10471	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10472	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6 %
10479	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 9.6 %
10482	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	± 9.6 %
10483	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	± 9.6 %
10485	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	± 9.6 %
10486	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	± 9.6 %
10487	AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	± 9.6 %
10488	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	± 9.6 %
10489	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 9.6 %
10490	AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %

10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10497	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 9.6 %
10498	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	± 9.6 %
10499	AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	± 9.6 %
10500	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 9.6 %
10501	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	± 9.6 %
10503	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	± 9.6 %
10504	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 9.6 %
10505	AAE	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10506	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10507	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	± 9.6 %
10508	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10523	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	± 9.6 %
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	± 9.6 %
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	± 9.6 %
10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10532	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10533	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	± 9.6 %

10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.35	± 9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	± 9.6 %

10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10646	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAD	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %

10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	± 9.6 %
10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8.67	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle)	WLAN	8.30	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.24	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)	WLAN	8.66	± 9.6 %

10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	± 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

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.91	32.89	32.74	33.50	23.91	23.89	23.74	24.50
GPRS 1 Tx slot	32.89	32.88	32.73	33.50	23.89	23.88	23.73	24.50
GPRS 2 Tx slots	30.71	31.19	30.89	32.00	24.71	25.19	24.89	26.00
GPRS 3 Tx slots	28.60	28.77	28.88	29.50	24.34	24.51	24.62	25.24
GPRS 4 Tx slots	27.15	27.29	27.36	28.50	24.15	24.29	24.36	25.50
EDGE 1 Tx slot	26.29	26.12	26.10	27.00	17.29	17.12	17.10	18.00
EDGE 2 Tx slots	24.98	24.83	24.79	25.50	18.98	18.83	18.79	19.50
EDGE 3 Tx slots	23.10	23.02	22.95	24.00	18.84	18.76	18.69	19.74
EDGE 4 Tx slots	21.25	21.38	21.10	22.50	18.25	18.38	18.10	19.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.72	29.87	30.11	30.50	20.72	20.87	21.11	21.50
GPRS 1 Tx slot	29.70	29.85	30.10	30.50	20.70	20.85	21.10	21.50
GPRS 2 Tx slots	27.36	27.71	27.69	28.50	21.36	21.71	21.69	22.50
GPRS 3 Tx slots	25.62	25.61	25.87	26.50	21.36	21.35	21.61	22.24
GPRS 4 Tx slots	23.86	23.86	24.02	24.50	20.86	20.86	21.02	21.50
EDGE 1 Tx slot	25.03	24.94	25.19	25.50	16.03	15.94	16.19	16.50
EDGE 2 Tx slots	23.80	23.74	23.85	24.50	17.80	17.74	17.85	18.50
EDGE 3 Tx slots	22.20	21.93	22.10	23.00	17.94	17.67	17.84	18.74
EDGE 4 Tx slots	20.31	20.19	20.26	21.00	17.31	17.19	17.26	18.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.94	23.03	23.03	24.00	22.70	22.82	22.84	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	23.06	23.05	24.00	22.72	22.83	22.85	24.00
3GPP Rel 6	HSDPA Subtest-1	21.90	21.82	21.77	23.00	21.56	21.73	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.93	21.81	21.81	23.00	21.61	21.75	21.65	23.00
3GPP Rel 6	HSDPA Subtest-3	21.41	21.35	21.29	22.50	21.12	21.22	21.20	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.28	21.36	22.50	21.15	21.21	21.23	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	21.79	21.73	23.00	21.52	21.71	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.91	21.78	21.77	23.00	21.57	21.73	21.62	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.39	21.32	21.25	22.50	21.08	21.20	21.17	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.25	21.32	22.50	21.11	21.19	21.20	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.79	21.84	23.00	21.52	21.65	21.65	23.00
3GPP Rel 6	HSUPA Subtest-2	19.88	19.84	19.81	21.00	19.54	19.65	19.65	21.00
3GPP Rel 6	HSUPA Subtest-3	20.74	20.81	20.78	22.00	20.51	20.60	20.63	22.00
3GPP Rel 6	HSUPA Subtest-4	19.81	19.81	19.81	21.00	19.52	19.61	19.65	21.00
3GPP Rel 6	HSUPA Subtest-5	21.80	21.80	21.70	23.00	21.50	21.70	21.60	23.00

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.47	22.71	22.48	24	0
20	QPSK	1	49	22.62	22.68	22.42		
20	QPSK	1	99	22.58	22.55	22.49		
20	QPSK	50	0	21.66	21.75	21.57	23	1
20	QPSK	50	24	21.74	21.63	21.59		
20	QPSK	50	50	21.68	21.60	21.50		
20	QPSK	100	0	21.66	21.72	21.54		
20	16QAM	1	0	21.87	21.66	21.74	23	1
20	16QAM	1	49	21.64	21.98	21.87		
20	16QAM	1	99	21.87	21.98	21.79		
20	16QAM	50	0	20.91	20.82	20.67	22	2
20	16QAM	50	24	20.87	20.78	20.65		
20	16QAM	50	50	20.75	20.72	20.74		
20	16QAM	100	0	20.77	20.79	20.61		
20	64QAM	1	0	20.92	21.23	20.82	22	2
20	64QAM	1	49	20.91	20.91	20.89		
20	64QAM	1	99	20.87	20.91	20.89		
20	64QAM	50	0	19.86	19.77	19.76	21	3
20	64QAM	50	24	19.86	19.86	19.72		
20	64QAM	50	50	19.75	19.77	19.62		
20	64QAM	100	0	19.88	19.80	19.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.68	22.54	24	0
15	QPSK	1	37	22.48	22.63	22.47		
15	QPSK	1	74	22.47	22.51	22.46		
15	QPSK	36	0	21.60	21.68	21.55	23	1
15	QPSK	36	20	21.72	21.69	21.54		
15	QPSK	36	39	21.62	21.61	21.50		
15	QPSK	75	0	21.66	21.65	21.53		
15	16QAM	1	0	21.98	22.10	21.98	23	1
15	16QAM	1	37	21.94	22.09	21.92		
15	16QAM	1	74	21.89	21.99	21.87		
15	16QAM	36	0	20.72	20.84	20.66	22	2
15	16QAM	36	20	20.83	20.84	20.67		
15	16QAM	36	39	20.73	20.77	20.62		
15	16QAM	75	0	20.77	20.79	20.67		
15	64QAM	1	0	20.88	20.98	20.90	22	2
15	64QAM	1	37	20.86	20.99	20.79		
15	64QAM	1	74	20.83	20.90	20.79		
15	64QAM	36	0	19.76	19.86	19.68	21	3
15	64QAM	36	20	19.90	19.84	19.71		
15	64QAM	36	39	19.79	19.78	19.69		
15	64QAM	75	0	19.83	19.84	19.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.62	22.70	22.52	24	0
10	QPSK	1	25	22.52	22.62	22.47		
10	QPSK	1	49	22.59	22.60	22.44		
10	QPSK	25	0	21.58	21.67	21.50	23	1
10	QPSK	25	12	21.59	21.67	21.52		
10	QPSK	25	25	21.61	21.63	21.49		
10	QPSK	50	0	21.63	21.64	21.48		
10	16QAM	1	0	22.07	22.18	21.89	23	1
10	16QAM	1	25	21.94	22.11	21.95		
10	16QAM	1	49	21.99	22.12	21.86		
10	16QAM	25	0	20.72	20.80	20.63	22	2
10	16QAM	25	12	20.72	20.83	20.62		
10	16QAM	25	25	20.74	20.74	20.62		
10	16QAM	50	0	20.80	20.79	20.62		
10	64QAM	1	0	20.97	21.10	20.83	22	2
10	64QAM	1	25	20.86	21.02	20.88		
10	64QAM	1	49	20.94	21.00	20.79		
10	64QAM	25	0	19.74	19.85	19.66	21	3
10	64QAM	25	12	19.78	19.86	19.67		
10	64QAM	25	25	19.78	19.79	19.65		
10	64QAM	50	0	19.81	19.81	19.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.47	22.61	22.46	24	0
5	QPSK	1	12	22.51	22.59	22.44		
5	QPSK	1	24	22.43	22.55	22.41		
5	QPSK	12	0	21.56	21.67	21.48	23	1
5	QPSK	12	7	21.61	21.65	21.52		
5	QPSK	12	13	21.57	21.64	21.49		
5	QPSK	25	0	21.54	21.61	21.47		
5	16QAM	1	0	21.91	22.02	21.91	23	1
5	16QAM	1	12	21.96	22.09	21.94		
5	16QAM	1	24	21.86	22.04	21.84		
5	16QAM	12	0	20.72	20.84	20.62	22	2
5	16QAM	12	7	20.75	20.84	20.70		
5	16QAM	12	13	20.70	20.79	20.67		
5	16QAM	25	0	20.68	20.77	20.63		
5	64QAM	1	0	20.85	20.97	20.83	22	2
5	64QAM	1	12	20.82	21.01	20.80		
5	64QAM	1	24	20.78	20.94	20.75		
5	64QAM	12	0	19.72	19.86	19.64	21	3
5	64QAM	12	7	19.78	19.87	19.73		
5	64QAM	12	13	19.73	19.78	19.70		
5	64QAM	25	0	19.70	19.80	19.65		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.47	22.59	22.44	24	0
3	QPSK	1	8	22.47	22.58	22.41		
3	QPSK	1	14	22.43	22.57	22.40		
3	QPSK	8	0	21.56	21.64	21.48	23	1
3	QPSK	8	4	21.60	21.69	21.50		
3	QPSK	8	7	21.55	21.64	21.50		
3	QPSK	15	0	21.52	21.61	21.47		
3	16QAM	1	0	21.88	22.08	21.85	23	1
3	16QAM	1	8	21.90	22.12	21.88		
3	16QAM	1	14	21.86	22.01	21.81		
3	16QAM	8	0	20.77	20.85	20.67	22	2
3	16QAM	8	4	20.78	20.88	20.73		
3	16QAM	8	7	20.75	20.83	20.70		
3	16QAM	15	0	20.65	20.77	20.61		
3	64QAM	1	0	20.83	21.01	20.73	22	2
3	64QAM	1	8	20.81	20.99	20.81		
3	64QAM	1	14	20.80	20.90	20.75		
3	64QAM	8	0	19.78	19.84	19.68	21	3
3	64QAM	8	4	19.82	19.90	19.74		
3	64QAM	8	7	19.74	19.82	19.70		
3	64QAM	15	0	19.70	19.78	19.60		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.45	22.52	22.37	24	0
1.4	QPSK	1	3	22.52	22.61	22.45		
1.4	QPSK	1	5	22.42	22.50	22.37		
1.4	QPSK	3	0	22.47	22.58	22.41		
1.4	QPSK	3	1	22.51	22.60	22.43		
1.4	QPSK	3	3	22.47	22.58	22.40		
1.4	QPSK	6	0	21.51	21.57	21.42	23	1
1.4	16QAM	1	0	21.84	22.01	21.79	23	1
1.4	16QAM	1	3	21.94	22.06	21.88		
1.4	16QAM	1	5	21.84	22.03	21.78		
1.4	16QAM	3	0	21.68	21.78	21.60		
1.4	16QAM	3	1	21.69	21.79	21.61		
1.4	16QAM	3	3	21.62	21.75	21.56		
1.4	16QAM	6	0	20.72	20.78	20.63	22	2
1.4	64QAM	1	0	20.79	20.93	20.74	22	2
1.4	64QAM	1	3	20.84	21.03	20.75		
1.4	64QAM	1	5	20.77	20.93	20.65		
1.4	64QAM	3	0	20.71	20.84	20.63		
1.4	64QAM	3	1	20.77	20.91	20.66		
1.4	64QAM	3	3	20.68	20.85	20.63		
1.4	64QAM	6	0	19.66	19.74	19.57	21	3

Band 5 (Cellular Band)
Part 22H(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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.21	22.34	22.30	24	0
10	QPSK	1	25	22.27	22.31	22.33		
10	QPSK	1	49	22.29	22.24	22.26		
10	QPSK	25	0	21.33	21.38	21.29	23	1
10	QPSK	25	12	21.29	21.36	21.35		
10	QPSK	25	25	21.37	21.30	21.34		
10	QPSK	50	0	21.27	21.33	21.25		
10	16QAM	1	0	21.61	21.59	21.64	23	1
10	16QAM	1	25	21.67	21.69	21.69		
10	16QAM	1	49	21.66	21.60	21.62		
10	16QAM	25	0	20.46	20.44	20.38	22	2
10	16QAM	25	12	20.42	20.46	20.46		
10	16QAM	25	25	20.47	20.39	20.42		
10	16QAM	50	0	20.38	20.43	20.36		
10	64QAM	1	0	20.50	20.52	20.57	22	2
10	64QAM	1	25	20.59	20.63	20.63		
10	64QAM	1	49	20.55	20.54	20.55		
10	64QAM	25	0	19.46	19.47	19.42	21	3
10	64QAM	25	12	19.44	19.47	19.50		
10	64QAM	25	25	19.50	19.41	19.46		
10	64QAM	50	0	19.40	19.43	19.38		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.18	22.30	22.29	24	0
5	QPSK	1	12	22.18	22.29	22.32		
5	QPSK	1	24	22.24	22.24	22.26		
5	QPSK	12	0	21.25	21.31	21.34	23	1
5	QPSK	12	7	21.35	21.37	21.32		
5	QPSK	12	13	21.31	21.32	21.32		
5	QPSK	25	0	21.32	21.29	21.33		
5	16QAM	1	0	21.55	21.70	21.72	23	1
5	16QAM	1	12	21.54	21.70	21.64		
5	16QAM	1	24	21.63	21.58	21.62		
5	16QAM	12	0	20.36	20.46	20.43	22	2
5	16QAM	12	7	20.45	20.47	20.44		
5	16QAM	12	13	20.45	20.43	20.42		
5	16QAM	25	0	20.43	20.40	20.43		
5	64QAM	1	0	20.51	20.59	20.59	22	2
5	64QAM	1	12	20.49	20.58	20.59		
5	64QAM	1	24	20.56	20.54	20.54		
5	64QAM	12	0	19.36	19.46	19.46	21	3
5	64QAM	12	7	19.48	19.49	19.47		
5	64QAM	12	13	19.46	19.45	19.46		
5	64QAM	25	0	19.46	19.44	19.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.26	22.25	24	0
3	QPSK	1	8	22.16	22.27	22.24		
3	QPSK	1	14	22.13	22.24	22.24		
3	QPSK	8	0	21.18	21.33	21.31	23	1
3	QPSK	8	4	21.25	21.33	21.32		
3	QPSK	8	7	21.21	21.30	21.29		
3	QPSK	15	0	21.19	21.26	21.25		
3	16QAM	1	0	21.56	21.63	21.60	23	1
3	16QAM	1	8	21.54	21.64	21.63		
3	16QAM	1	14	21.47	21.60	21.62		
3	16QAM	8	0	20.33	20.47	20.46	22	2
3	16QAM	8	4	20.39	20.48	20.46		
3	16QAM	8	7	20.36	20.46	20.44		
3	16QAM	15	0	20.30	20.38	20.39		
3	64QAM	1	0	20.45	20.55	20.59	22	2
3	64QAM	1	8	20.51	20.55	20.53		
3	64QAM	1	14	20.46	20.54	20.56		
3	64QAM	8	0	19.33	19.45	19.45	21	3
3	64QAM	8	4	19.40	19.46	19.45		
3	64QAM	8	7	19.35	19.46	19.44		
3	64QAM	15	0	19.32	19.41	19.39		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.11	22.20	22.17	24	0
1.4	QPSK	1	3	22.19	22.26	22.24		
1.4	QPSK	1	5	22.10	22.18	22.18		
1.4	QPSK	3	0	22.13	22.24	22.24		
1.4	QPSK	3	1	22.21	22.29	22.25		
1.4	QPSK	3	3	22.15	22.22	22.23		
1.4	QPSK	6	0	21.12	21.21	21.23	23	1
1.4	16QAM	1	0	21.49	21.54	21.56	23	1
1.4	16QAM	1	3	21.58	21.61	21.61		
1.4	16QAM	1	5	21.44	21.54	21.56		
1.4	16QAM	3	0	21.23	21.38	21.33		
1.4	16QAM	3	1	21.33	21.39	21.36		
1.4	16QAM	3	3	21.30	21.32	21.31		
1.4	16QAM	6	0	20.32	20.39	20.39	22	2
1.4	64QAM	1	0	20.41	20.52	20.50	22	2
1.4	64QAM	1	3	20.45	20.51	20.53		
1.4	64QAM	1	5	20.41	20.46	20.48		
1.4	64QAM	3	0	20.38	20.42	20.43		
1.4	64QAM	3	1	20.37	20.46	20.45		
1.4	64QAM	3	3	20.33	20.38	20.41		
1.4	64QAM	6	0	19.25	19.34	19.32	21	3

Band 7 (2600MHz Band)
Part 27

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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.41	22.67	22.43	24	0
20	QPSK	1	49	22.48	22.52	22.50		
20	QPSK	1	99	22.51	22.60	22.61		
20	QPSK	50	0	21.50	21.63	21.50	23	1
20	QPSK	50	24	21.54	21.59	21.61		
20	QPSK	50	50	21.51	21.60	21.62		
20	QPSK	100	0	21.48	21.60	21.58		
20	16QAM	1	0	21.75	21.78	21.81	23	1
20	16QAM	1	49	21.85	21.92	21.85		
20	16QAM	1	99	21.87	21.99	21.96		
20	16QAM	50	0	20.57	20.63	20.61	22	2
20	16QAM	50	24	20.67	20.69	20.69		
20	16QAM	50	50	20.59	20.70	20.71		
20	16QAM	100	0	20.55	20.65	20.66		
20	64QAM	1	0	20.67	20.76	20.75	22	2
20	64QAM	1	49	20.77	20.84	20.80		
20	64QAM	1	99	20.77	20.94	20.88		
20	64QAM	50	0	19.61	19.68	19.68	21	3
20	64QAM	50	24	19.70	19.72	19.72		
20	64QAM	50	50	19.61	19.73	19.74		
20	64QAM	100	0	19.59	19.73	19.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.42	22.48	22.48	24	0
15	QPSK	1	37	22.46	22.52	22.50		
15	QPSK	1	74	22.59	22.66	22.64		
15	QPSK	36	0	21.46	21.54	21.53	23	1
15	QPSK	36	20	21.56	21.55	21.60		
15	QPSK	36	39	21.52	21.58	21.65		
15	QPSK	75	0	21.53	21.55	21.57		
15	16QAM	1	0	21.79	21.83	21.84	23	1
15	16QAM	1	37	21.81	21.96	21.83		
15	16QAM	1	74	21.94	22.04	21.97		
15	16QAM	36	0	20.59	20.65	20.69	22	2
15	16QAM	36	20	20.67	20.67	20.68		
15	16QAM	36	39	20.68	20.71	20.75		
15	16QAM	75	0	20.61	20.68	20.68		
15	64QAM	1	0	20.70	20.77	20.78	22	2
15	64QAM	1	37	20.77	20.85	20.81		
15	64QAM	1	74	20.89	20.92	20.90		
15	64QAM	36	0	19.62	19.69	19.67	21	3
15	64QAM	36	20	19.70	19.71	19.73		
15	64QAM	36	39	19.71	19.75	19.79		
15	64QAM	75	0	19.65	19.72	19.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.63	22.49	22.51	24	0
10	QPSK	1	25	22.44	22.54	22.53		
10	QPSK	1	49	22.53	22.60	22.61		
10	QPSK	25	0	21.47	21.55	21.55	23	1
10	QPSK	25	12	21.54	21.60	21.62		
10	QPSK	25	25	21.49	21.61	21.60		
10	QPSK	50	0	21.54	21.56	21.61		
10	16QAM	1	0	21.77	21.89	21.86	23	1
10	16QAM	1	25	21.87	21.94	21.88		
10	16QAM	1	49	21.90	21.97	21.95		
10	16QAM	25	0	20.57	20.63	20.69	22	2
10	16QAM	25	12	20.64	20.68	20.72		
10	16QAM	25	25	20.62	20.67	20.72		
10	16QAM	50	0	20.64	20.67	20.72		
10	64QAM	1	0	20.70	20.84	20.77	22	2
10	64QAM	1	25	20.76	20.86	20.84		
10	64QAM	1	49	20.84	20.89	20.88		
10	64QAM	25	0	19.61	19.66	19.69	21	3
10	64QAM	25	12	19.66	19.69	19.76		
10	64QAM	25	25	19.64	19.72	19.76		
10	64QAM	50	0	19.66	19.71	19.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.41	22.49	22.52	24	0
5	QPSK	1	12	22.45	22.55	22.55		
5	QPSK	1	24	22.47	22.57	22.61		
5	QPSK	12	0	21.45	21.51	21.58	23	1
5	QPSK	12	7	21.53	21.59	21.62		
5	QPSK	12	13	21.52	21.57	21.62		
5	QPSK	25	0	21.47	21.55	21.62		
5	16QAM	1	0	21.72	21.87	21.85	23	1
5	16QAM	1	12	21.80	21.92	21.91		
5	16QAM	1	24	21.84	21.96	21.94		
5	16QAM	12	0	20.57	20.63	20.69	22	2
5	16QAM	12	7	20.62	20.72	20.74		
5	16QAM	12	13	20.63	20.70	20.75		
5	16QAM	25	0	20.57	20.67	20.67		
5	64QAM	1	0	20.68	20.79	20.78	22	2
5	64QAM	1	12	20.77	20.84	20.82		
5	64QAM	1	24	20.79	20.88	20.86		
5	64QAM	12	0	19.61	19.68	19.73	21	3
5	64QAM	12	7	19.65	19.74	19.78		
5	64QAM	12	13	19.66	19.71	19.78		
5	64QAM	25	0	19.62	19.71	19.71		

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	22.48	22.72	22.49	24	0
20	QPSK	1	49	22.56	22.47	22.54		
20	QPSK	1	99	22.58	22.61	22.61		
20	QPSK	50	0	21.61	21.66	21.55	23	1
20	QPSK	50	24	21.61	21.54	21.64		
20	QPSK	50	50	21.58	21.63	21.65		
20	QPSK	100	0	21.52	21.63	21.62		
20	16QAM	1	0	21.61	21.55	21.63	23	1
20	16QAM	1	49	21.66	21.59	21.67		
20	16QAM	1	99	21.71	21.72	21.76		
20	16QAM	50	0	20.66	20.62	20.68	22	2
20	16QAM	50	24	20.74	20.66	20.72		
20	16QAM	50	50	20.61	20.69	20.75		
20	16QAM	100	0	20.60	20.63	20.70		
20	64QAM	1	0	20.72	20.64	20.73	22	2
20	64QAM	1	49	20.74	20.70	20.77		
20	64QAM	1	99	20.77	20.80	20.87		
20	64QAM	50	0	19.97	19.88	19.97	21	3
20	64QAM	50	24	20.01	19.94	19.99		
20	64QAM	50	50	19.93	19.97	20.03		
20	64QAM	100	0	19.99	20.02	20.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.52	22.47	22.54	24	0
15	QPSK	1	37	22.54	22.47	22.60		
15	QPSK	1	74	22.67	22.61	22.71		
15	QPSK	36	0	21.56	21.53	21.62	23	1
15	QPSK	36	20	21.62	21.55	21.66		
15	QPSK	36	39	21.62	21.57	21.66		
15	QPSK	75	0	21.61	21.57	21.62		
15	16QAM	1	0	21.62	21.56	21.65	23	1
15	16QAM	1	37	21.65	21.60	21.74		
15	16QAM	1	74	21.78	21.77	21.82		
15	16QAM	36	0	20.61	20.54	20.64	22	2
15	16QAM	36	20	20.66	20.60	20.69		
15	16QAM	36	39	20.67	20.62	20.72		
15	16QAM	75	0	20.66	20.62	20.73		
15	64QAM	1	0	20.74	20.66	20.80	22	2
15	64QAM	1	37	20.75	20.72	20.82		
15	64QAM	1	74	20.87	20.86	20.92		
15	64QAM	36	0	19.97	19.92	20.02	21	3
15	64QAM	36	20	20.05	19.96	20.08		
15	64QAM	36	39	20.05	20.00	20.08		
15	64QAM	75	0	20.02	19.95	20.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.48	22.49	22.59	24	0
10	QPSK	1	25	22.53	22.52	22.61		
10	QPSK	1	49	22.64	22.63	22.70		
10	QPSK	25	0	21.55	21.50	21.62	23	1
10	QPSK	25	12	21.60	21.56	21.66		
10	QPSK	25	25	21.60	21.56	21.66		
10	QPSK	50	0	21.61	21.57	21.68		
10	16QAM	1	0	21.64	21.60	21.72	23	1
10	16QAM	1	25	21.64	21.64	21.76		
10	16QAM	1	49	21.70	21.66	21.80		
10	16QAM	25	0	20.65	20.59	20.74	22	2
10	16QAM	25	12	20.70	20.67	20.76		
10	16QAM	25	25	20.70	20.65	20.76		
10	16QAM	50	0	20.69	20.66	20.75		
10	64QAM	1	0	20.72	20.72	20.80	22	2
10	64QAM	1	25	20.71	20.72	20.85		
10	64QAM	1	49	20.81	20.80	20.89		
10	64QAM	25	0	19.95	19.90	20.01	21	3
10	64QAM	25	12	20.00	19.95	20.04		
10	64QAM	25	25	20.00	19.94	20.07		
10	64QAM	50	0	19.96	19.93	20.02		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.48	22.50	22.62	24	0
5	QPSK	1	12	22.53	22.52	22.65		
5	QPSK	1	24	22.49	22.47	22.61		
5	QPSK	12	0	21.52	21.52	21.63	23	1
5	QPSK	12	7	21.56	21.56	21.68		
5	QPSK	12	13	21.58	21.55	21.66		
5	QPSK	25	0	21.55	21.53	21.64		
5	16QAM	1	0	21.58	21.60	21.69	23	1
5	16QAM	1	12	21.65	21.64	21.74		
5	16QAM	1	24	21.67	21.65	21.77		
5	16QAM	12	0	20.60	20.58	20.68	22	2
5	16QAM	12	7	20.64	20.60	20.71		
5	16QAM	12	13	20.62	20.60	20.71		
5	16QAM	25	0	20.64	20.64	20.77		
5	64QAM	1	0	20.70	20.70	20.81	22	2
5	64QAM	1	12	20.73	20.72	20.84		
5	64QAM	1	24	20.75	20.76	20.88		
5	64QAM	12	0	19.93	19.91	20.02	21	3
5	64QAM	12	7	19.97	19.94	20.06		
5	64QAM	12	13	19.96	19.95	20.07		
5	64QAM	25	0	19.93	19.92	20.06		

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	22.74	22.82	22.71	22.63	24	0
20	QPSK	1	49	22.60	22.60	22.61	22.62		
20	QPSK	1	99	22.60	22.61	22.72	22.68		
20	QPSK	50	0	21.66	21.75	21.64	21.64	23	1
20	QPSK	50	24	21.71	21.70	21.72	21.69		
20	QPSK	50	50	21.65	21.74	21.72	21.71		
20	QPSK	100	0	21.60	21.72	21.71	21.68		
20	16QAM	1	0	21.72	21.70	21.68	21.73	23	1
20	16QAM	1	49	21.75	21.71	21.72	21.72		
20	16QAM	1	99	21.71	21.74	21.83	21.81		
20	16QAM	50	0	20.72	20.75	20.76	20.75	22	2
20	16QAM	50	24	20.77	20.81	20.81	20.81		
20	16QAM	50	50	20.70	20.83	20.85	20.81		
20	16QAM	100	0	20.64	20.71	20.79	20.75		
20	64QAM	1	0	20.79	20.79	20.76	20.82	22	2
20	64QAM	1	49	20.82	20.79	20.83	20.82		
20	64QAM	1	99	20.77	20.82	20.91	20.89		
20	64QAM	50	0	19.99	20.05	20.05	20.03	21	3
20	64QAM	50	24	20.09	20.07	20.08	20.08		
20	64QAM	50	50	20.00	20.11	20.11	20.09		
20	64QAM	100	0	20.03	20.09	20.17	20.14		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	22.59	22.61	22.63	22.69	24	0
15	QPSK	1	37	22.59	22.66	22.69	22.70		
15	QPSK	1	74	22.75	22.75	22.81	22.80		
15	QPSK	36	0	21.59	21.69	21.70	21.67	23	1
15	QPSK	36	20	21.66	21.73	21.72	21.74		
15	QPSK	36	39	21.66	21.72	21.76	21.72		
15	QPSK	75	0	21.64	21.73	21.71	21.72		
15	16QAM	1	0	21.68	21.74	21.73	21.76	23	1
15	16QAM	1	37	21.74	21.76	21.78	21.82		
15	16QAM	1	74	21.82	21.88	21.91	21.87		
15	16QAM	36	0	20.62	20.69	20.71	20.73	22	2
15	16QAM	36	20	20.71	20.79	20.77	20.78		
15	16QAM	36	39	20.71	20.76	20.79	20.81		
15	16QAM	75	0	20.73	20.78	20.81	20.83		
15	64QAM	1	0	20.79	20.83	20.84	20.87	22	2
15	64QAM	1	37	20.86	20.85	20.87	20.89		
15	64QAM	1	74	20.93	20.97	20.99	20.98		
15	64QAM	36	0	20.02	20.07	20.11	20.12	21	3
15	64QAM	36	20	20.09	20.16	20.14	20.16		
15	64QAM	36	39	20.09	20.13	20.15	20.19		
15	64QAM	75	0	20.07	20.12	20.15	20.15		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	22.55	22.62	22.61	22.64	24	0
10	QPSK	1	25	22.56	22.64	22.65	22.69		
10	QPSK	1	49	22.71	22.73	22.77	22.77		
10	QPSK	25	0	21.58	21.65	21.67	21.68	23	1
10	QPSK	25	12	21.64	21.69	21.72	21.70		
10	QPSK	25	25	21.63	21.70	21.71	21.73		
10	QPSK	50	0	21.66	21.69	21.69	21.74		
10	16QAM	1	0	21.70	21.73	21.74	21.80	23	1
10	16QAM	1	25	21.71	21.75	21.79	21.82		
10	16QAM	1	49	21.76	21.80	21.83	21.85		
10	16QAM	25	0	20.68	20.77	20.77	20.80	22	2
10	16QAM	25	12	20.74	20.79	20.81	20.85		
10	16QAM	25	25	20.74	20.78	20.81	20.83		
10	16QAM	50	0	20.73	20.79	20.79	20.82		
10	64QAM	1	0	20.78	20.83	20.83	20.91	22	2
10	64QAM	1	25	20.82	20.84	20.89	20.90		
10	64QAM	1	49	20.87	20.93	20.95	20.95		
10	64QAM	25	0	19.98	20.06	20.06	20.11	21	3
10	64QAM	25	12	20.00	20.09	20.10	20.15		
10	64QAM	25	25	20.01	20.08	20.13	20.14		
10	64QAM	50	0	19.99	20.07	20.09	20.12		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	22.55	22.61	22.68	22.65	24	0
5	QPSK	1	12	22.60	22.65	22.68	22.73		
5	QPSK	1	24	22.55	22.61	22.67	22.66		
5	QPSK	12	0	21.58	21.70	21.70	21.71	23	1
5	QPSK	12	7	21.62	21.70	21.73	21.76		
5	QPSK	12	13	21.64	21.71	21.73	21.75		
5	QPSK	25	0	21.61	21.68	21.72	21.71		
5	16QAM	1	0	21.64	21.73	21.76	21.80	23	1
5	16QAM	1	12	21.73	21.76	21.80	21.85		
5	16QAM	1	24	21.73	21.76	21.82	21.87		
5	16QAM	12	0	20.62	20.72	20.76	20.77	22	2
5	16QAM	12	7	20.68	20.73	20.78	20.81		
5	16QAM	12	13	20.68	20.78	20.78	20.82		
5	16QAM	25	0	20.71	20.81	20.84	20.85		
5	64QAM	1	0	20.77	20.84	20.88	20.90	22	2
5	64QAM	1	12	20.77	20.88	20.90	20.94		
5	64QAM	1	24	20.84	20.89	20.90	20.94		
5	64QAM	12	0	19.97	20.04	20.07	20.09	21	3
5	64QAM	12	7	19.99	20.06	20.11	20.13		
5	64QAM	12	13	20.03	20.11	20.11	20.14		
5	64QAM	25	0	20.00	20.07	20.11	20.11		

Reduced Power Mode for P-Sensor On/Hotspot On

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.56	31.52	31.51	32.50	22.56	22.52	22.51	23.50
GPRS 1 Tx slot	31.57	31.55	31.56	32.50	22.57	22.55	22.56	23.50
GPRS 2 Tx slots	29.45	29.75	29.74	31.00	23.45	23.75	23.74	25.00
GPRS 3 Tx slots	28.01	27.76	27.81	28.50	23.75	23.50	23.55	24.24
GPRS 4 Tx slots	26.07	26.24	26.25	27.50	23.07	23.24	23.25	24.50
EDGE 1 Tx slot	25.81	25.61	25.55	26.00	16.81	16.61	16.55	17.00
EDGE 2 Tx slots	23.89	23.83	23.85	24.50	17.89	17.83	17.85	18.50
EDGE 3 Tx slots	22.02	22.01	21.92	23.00	17.76	17.75	17.66	18.74
EDGE 4 Tx slots	20.40	20.34	20.19	21.50	17.40	17.34	17.19	18.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.82	27.81	27.91	29.00	18.82	18.81	18.91	20.00
GPRS 1 Tx slot	27.86	27.83	27.93	29.00	18.86	18.83	18.93	20.00
GPRS 2 Tx slots	25.40	25.66	25.63	27.00	19.40	19.66	19.63	21.00
GPRS 3 Tx slots	23.53	23.56	23.79	25.00	19.27	19.30	19.53	20.74
GPRS 4 Tx slots	21.77	21.82	21.85	23.00	18.77	18.82	18.85	20.00
EDGE 1 Tx slot	22.95	22.93	23.08	24.00	13.95	13.93	14.08	15.00
EDGE 2 Tx slots	21.82	21.77	21.75	23.00	15.82	15.77	15.75	17.00
EDGE 3 Tx slots	20.35	20.12	20.22	21.50	16.09	15.86	15.96	17.24
EDGE 4 Tx slots	18.30	18.21	18.16	19.50	15.30	15.21	15.16	16.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.80	18.82	18.81	19.50	21.25	21.39	21.38	23.00
3GPP Rel 99	RMC 12.2Kbps	18.81	18.87	18.85	19.50	21.27	21.39	21.40	23.00
3GPP Rel 6	HSDPA Subtest-1	17.97	17.90	17.85	18.50	20.32	20.46	20.41	22.00
3GPP Rel 6	HSDPA Subtest-2	17.98	17.87	17.95	18.50	20.37	20.47	20.46	22.00
3GPP Rel 6	HSDPA Subtest-3	17.44	17.41	17.43	18.00	19.90	19.93	19.90	21.50
3GPP Rel 6	HSDPA Subtest-4	17.46	17.34	17.34	18.00	19.85	19.60	19.92	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.99	17.92	17.91	18.50	20.30	20.48	20.40	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.98	17.95	17.90	18.50	20.36	20.46	20.41	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.47	17.44	17.47	18.00	19.91	19.90	19.92	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.46	17.32	17.32	18.00	19.87	19.58	19.86	21.50
3GPP Rel 6	HSUPA Subtest-1	17.87	17.89	17.90	18.50	20.30	20.44	20.45	22.00
3GPP Rel 6	HSUPA Subtest-2	15.85	15.87	15.89	16.50	18.33	18.41	18.44	20.00
3GPP Rel 6	HSUPA Subtest-3	16.86	16.94	16.90	17.50	19.36	19.39	19.39	21.00
3GPP Rel 6	HSUPA Subtest-4	15.82	15.81	15.87	16.50	18.24	18.42	18.43	20.00
3GPP Rel 6	HSUPA Subtest-5	17.80	17.90	17.90	18.50	20.30	20.40	20.40	22.00

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.23	18.44	18.13	19.5	0
20	QPSK	1	49	18.21	18.14	18.21		
20	QPSK	1	99	18.32	18.34	18.33		
20	QPSK	50	0	17.98	18.11	18.01	19.5	0
20	QPSK	50	24	18.02	18.07	17.96		
20	QPSK	50	50	17.97	18.10	17.96		
20	QPSK	100	0	17.97	18.07	18.01		
20	16QAM	1	0	18.35	18.24	18.37	19.5	0
20	16QAM	1	49	18.41	18.39	18.36		
20	16QAM	1	99	18.42	18.23	18.24		
20	16QAM	50	0	18.09	18.22	18.12	19.5	0
20	16QAM	50	24	18.18	18.23	18.14		
20	16QAM	50	50	18.14	18.21	18.07		
20	16QAM	100	0	18.11	18.16	18.07		
20	64QAM	1	0	18.18	18.20	18.22	19.5	0
20	64QAM	1	49	18.30	18.37	18.24		
20	64QAM	1	99	18.26	18.27	18.26		
20	64QAM	50	0	18.12	18.05	17.98	19.5	0
20	64QAM	50	24	18.15	18.24	18.10		
20	64QAM	50	50	18.10	18.19	18.07		
20	64QAM	100	0	17.90	18.18	18.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.05	18.21	19.5	0
15	QPSK	1	37	18.21	18.04	18.12		
15	QPSK	1	74	17.88	17.98	17.94		
15	QPSK	36	0	17.89	18.10	18.00	19.5	0
15	QPSK	36	20	18.06	18.11	17.99		
15	QPSK	36	39	17.99	18.07	17.99		
15	QPSK	75	0	18.01	18.10	17.96		
15	16QAM	1	0	18.35	18.39	18.31	19.5	0
15	16QAM	1	37	18.32	18.21	18.28		
15	16QAM	1	74	18.25	18.40	18.26		
15	16QAM	36	0	18.03	18.23	18.11	19.5	0
15	16QAM	36	20	18.17	18.31	18.11		
15	16QAM	36	39	18.10	18.24	18.11		
15	16QAM	75	0	18.15	18.22	18.12		
15	64QAM	1	0	18.14	18.34	18.21	19.5	0
15	64QAM	1	37	18.16	18.33	18.23		
15	64QAM	1	74	18.10	18.27	17.97		
15	64QAM	36	0	17.90	18.22	18.10	19.5	0
15	64QAM	36	20	18.17	18.30	18.13		
15	64QAM	36	39	18.15	18.24	18.15		
15	64QAM	75	0	18.14	18.14	18.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.97	18.22	17.98	19.5	0
10	QPSK	1	25	17.90	18.13	17.99		
10	QPSK	1	49	18.05	18.18	17.93		
10	QPSK	25	0	17.94	18.12	17.98	19.5	0
10	QPSK	25	12	17.96	18.16	18.00		
10	QPSK	25	25	18.00	18.10	17.99		
10	QPSK	50	0	18.02	18.09	17.99		
10	16QAM	1	0	18.34	18.21	18.38	19.5	0
10	16QAM	1	25	18.28	18.23	18.37		
10	16QAM	1	49	18.22	18.23	18.31		
10	16QAM	25	0	18.06	18.27	18.06	19.5	0
10	16QAM	25	12	18.07	18.26	18.11		
10	16QAM	25	25	18.10	18.21	18.10		
10	16QAM	50	0	18.15	18.21	18.09		
10	64QAM	1	0	18.35	18.43	18.24	19.5	0
10	64QAM	1	25	17.96	18.36	18.32		
10	64QAM	1	49	18.32	18.14	18.21		
10	64QAM	25	0	18.05	18.27	18.07	19.5	0
10	64QAM	25	12	18.09	18.29	18.09		
10	64QAM	25	25	18.12	18.13	18.10		
10	64QAM	50	0	18.19	18.24	17.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.94	18.06	17.95	19.5	0
5	QPSK	1	12	17.96	18.07	17.98		
5	QPSK	1	24	17.85	18.04	17.91		
5	QPSK	12	0	17.92	18.11	17.96	19.5	0
5	QPSK	12	7	17.97	18.12	18.00		
5	QPSK	12	13	17.94	18.13	18.00		
5	QPSK	25	0	17.90	18.05	17.94		
5	16QAM	1	0	18.28	18.12	18.32	19.5	0
5	16QAM	1	12	18.30	18.22	18.41		
5	16QAM	1	24	18.33	18.23	18.27		
5	16QAM	12	0	18.15	18.30	18.10	19.5	0
5	16QAM	12	7	18.11	18.24	18.14		
5	16QAM	12	13	18.07	18.24	18.09		
5	16QAM	25	0	18.03	18.17	18.07		
5	64QAM	1	0	18.11	18.26	18.23	19.5	0
5	64QAM	1	12	18.18	18.33	18.26		
5	64QAM	1	24	18.16	18.34	18.18		
5	64QAM	12	0	18.06	18.25	18.05	19.5	0
5	64QAM	12	7	18.05	18.23	18.10		
5	64QAM	12	13	18.03	18.24	18.04		
5	64QAM	25	0	18.02	18.20	18.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.91	18.07	17.91	19.5	0
3	QPSK	1	8	17.95	18.11	17.91		
3	QPSK	1	14	17.86	18.06	17.94		
3	QPSK	8	0	17.95	18.09	17.97	19.5	0
3	QPSK	8	4	18.00	18.16	18.00		
3	QPSK	8	7	17.94	18.10	17.95		
3	QPSK	15	0	17.92	18.07	17.95		
3	16QAM	1	0	18.18	18.41	18.40	19.5	0
3	16QAM	1	8	18.32	18.23	18.42		
3	16QAM	1	14	18.27	18.37	18.38		
3	16QAM	8	0	18.11	18.32	18.14	19.5	0
3	16QAM	8	4	18.16	18.31	18.18		
3	16QAM	8	7	18.14	18.28	18.15		
3	16QAM	15	0	18.07	18.22	18.08		
3	64QAM	1	0	18.19	18.37	18.33	19.5	0
3	64QAM	1	8	18.17	18.36	18.28		
3	64QAM	1	14	18.14	18.37	18.25		
3	64QAM	8	0	18.08	18.29	18.11	19.5	0
3	64QAM	8	4	18.16	18.31	18.18		
3	64QAM	8	7	18.08	18.28	18.11		
3	64QAM	15	0	18.04	18.22	18.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.21	18.01	17.86	19.5	0
1.4	QPSK	1	3	18.12	18.07	17.95		
1.4	QPSK	1	5	17.84	18.01	17.89		
1.4	QPSK	3	0	17.89	18.04	17.90		
1.4	QPSK	3	1	17.93	18.06	17.98		
1.4	QPSK	3	3	17.89	18.04	17.88		
1.4	QPSK	6	0	17.86	18.00	17.89	19.5	0
1.4	16QAM	1	0	18.28	18.23	18.22	19.5	0
1.4	16QAM	1	3	18.23	18.21	18.41		
1.4	16QAM	1	5	18.29	18.39	18.31		
1.4	16QAM	3	0	18.01	18.21	18.01		
1.4	16QAM	3	1	18.07	18.26	18.09		
1.4	16QAM	3	3	17.98	18.23	18.05		
1.4	16QAM	6	0	18.06	18.18	18.09	19.5	0
1.4	64QAM	1	0	18.11	18.27	18.25	19.5	0
1.4	64QAM	1	3	18.18	18.34	18.21		
1.4	64QAM	1	5	18.08	18.28	18.19		
1.4	64QAM	3	0	17.97	18.19	18.13		
1.4	64QAM	3	1	18.06	18.36	18.23		
1.4	64QAM	3	3	18.04	18.37	18.09		
1.4	64QAM	6	0	17.99	18.13	18.00	19.5	0

Reduced Power Mode for P-Sensor On

Band 5 (Celluar Band)
Part 22H(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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.55	21.65	21.52	23	0
10	QPSK	1	25	21.51	21.56	21.56		
10	QPSK	1	49	21.52	21.46	21.48		
10	QPSK	25	0	21.55	21.62	21.51	23	0
10	QPSK	25	12	21.61	21.59	21.60		
10	QPSK	25	25	21.61	21.54	21.59		
10	QPSK	50	0	21.54	21.57	21.47		
10	16QAM	1	0	21.51	21.56	21.60	23	0
10	16QAM	1	25	21.63	21.61	21.64		
10	16QAM	1	49	21.63	21.52	21.57		
10	16QAM	25	0	20.43	20.41	20.37	22	1
10	16QAM	25	12	20.48	20.38	20.42		
10	16QAM	25	25	20.44	20.34	20.40		
10	16QAM	50	0	20.44	20.37	20.28		
10	64QAM	1	0	21.53	21.54	21.46	22	1
10	64QAM	1	25	21.48	21.53	21.51		
10	64QAM	1	49	21.52	21.42	21.48		
10	64QAM	25	0	20.41	20.40	20.36	21	2
10	64QAM	25	12	20.46	20.39	20.43		
10	64QAM	25	25	20.41	20.34	20.39		
10	64QAM	50	0	20.42	20.35	20.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.24	21.25	21.23	23	0
5	QPSK	1	12	21.20	21.25	21.20		
5	QPSK	1	24	21.18	21.20	21.19		
5	QPSK	12	0	21.30	21.27	21.29	23	0
5	QPSK	12	7	21.30	21.28	21.30		
5	QPSK	12	13	21.26	21.25	21.22		
5	QPSK	25	0	21.27	21.27	21.23		
5	16QAM	1	0	21.61	21.64	21.63	23	0
5	16QAM	1	12	21.62	21.54	21.63		
5	16QAM	1	24	21.53	21.58	21.56		
5	16QAM	12	0	20.39	20.42	20.39	22	1
5	16QAM	12	7	20.42	20.42	20.41		
5	16QAM	12	13	20.38	20.36	20.38		
5	16QAM	25	0	20.39	20.39	20.37		
5	64QAM	1	0	21.48	21.50	21.50	22	1
5	64QAM	1	12	21.52	21.55	21.48		
5	64QAM	1	24	21.47	21.43	21.43		
5	64QAM	12	0	20.38	20.36	20.38	21	2
5	64QAM	12	7	20.39	20.38	20.37		
5	64QAM	12	13	20.35	20.34	20.38		
5	64QAM	25	0	20.37	20.38	20.34		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.27	21.21	21.25	23	0
3	QPSK	1	8	21.27	21.21	21.21		
3	QPSK	1	14	21.23	21.20	21.16		
3	QPSK	8	0	21.28	21.27	21.26	23	0
3	QPSK	8	4	21.30	21.30	21.25		
3	QPSK	8	7	21.27	21.26	21.21		
3	QPSK	15	0	21.26	21.24	21.23		
3	16QAM	1	0	21.64	21.57	21.52	23	0
3	16QAM	1	8	21.61	21.60	21.58		
3	16QAM	1	14	21.57	21.58	21.54		
3	16QAM	8	0	20.48	20.42	20.41	22	1
3	16QAM	8	4	20.49	20.44	20.46		
3	16QAM	8	7	20.44	20.41	20.42		
3	16QAM	15	0	20.40	20.36	20.36		
3	64QAM	1	0	21.52	21.45	21.49	22	1
3	64QAM	1	8	21.53	21.47	21.47		
3	64QAM	1	14	21.48	21.48	21.48		
3	64QAM	8	0	20.41	20.38	20.38	21	2
3	64QAM	8	4	20.45	20.39	20.42		
3	64QAM	8	7	20.40	20.39	20.39		
3	64QAM	15	0	20.38	20.36	20.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.19	21.16	21.13	23	0
1.4	QPSK	1	3	21.23	21.21	21.21		
1.4	QPSK	1	5	21.15	21.14	21.12		
1.4	QPSK	3	0	21.15	21.16	21.17		
1.4	QPSK	3	1	21.26	21.22	21.21		
1.4	QPSK	3	3	21.23	21.17	21.19		
1.4	QPSK	6	0	21.23	21.18	21.16	23	0
1.4	16QAM	1	0	21.52	21.50	21.50	23	0
1.4	16QAM	1	3	21.57	21.55	21.54		
1.4	16QAM	1	5	21.51	21.49	21.49		
1.4	16QAM	3	0	21.33	21.25	21.28		
1.4	16QAM	3	1	21.37	21.31	21.34		
1.4	16QAM	3	3	21.30	21.24	21.28		
1.4	16QAM	6	0	20.37	20.36	20.35	22	1
1.4	64QAM	1	0	21.42	21.37	21.37	22	1
1.4	64QAM	1	3	21.50	21.44	21.47		
1.4	64QAM	1	5	21.46	21.41	21.32		
1.4	64QAM	3	0	21.35	21.30	21.32		
1.4	64QAM	3	1	21.39	21.37	21.37		
1.4	64QAM	3	3	21.32	21.31	21.32		
1.4	64QAM	6	0	20.30	20.30	20.29	21	2

Band 7 (2600MHz Band)
Part 27

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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.87	15.02	14.98	15.5	0
20	QPSK	1	49	14.67	14.58	14.56		
20	QPSK	1	99	14.58	14.57	14.67		
20	QPSK	50	0	14.73	14.74	14.59	15.5	0
20	QPSK	50	24	14.73	14.64	14.59		
20	QPSK	50	50	14.65	14.62	14.56		
20	QPSK	100	0	14.60	14.64	14.58		
20	16QAM	1	0	14.89	14.89	14.89	15.5	0
20	16QAM	1	49	14.78	14.84	14.79		
20	16QAM	1	99	14.94	14.91	14.78		
20	16QAM	50	0	14.81	14.73	14.60	15.5	0
20	16QAM	50	24	14.85	14.76	14.66		
20	16QAM	50	50	14.74	14.73	14.61		
20	16QAM	100	0	14.71	14.73	14.64		
20	64QAM	1	0	14.98	14.78	14.80	15.5	0
20	64QAM	1	49	14.91	14.81	14.73		
20	64QAM	1	99	14.85	14.86	14.71		
20	64QAM	50	0	14.79	14.76	14.69	15.5	0
20	64QAM	50	24	14.81	14.75	14.64		
20	64QAM	50	50	14.69	14.73	14.66		
20	64QAM	100	0	14.67	14.74	14.67		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.80	14.83	14.89	15.5	0
15	QPSK	1	37	14.81	14.87	14.93		
15	QPSK	1	74	14.95	14.67	14.87		
15	QPSK	36	0	14.87	14.93	14.96	15.5	0
15	QPSK	36	20	14.91	14.99	15.00		
15	QPSK	36	39	14.92	14.97	14.89		
15	QPSK	75	0	14.90	14.95	14.98		
15	16QAM	1	0	14.99	14.98	14.89	15.5	0
15	16QAM	1	37	14.98	15.00	14.98		
15	16QAM	1	74	14.89	15.00	15.01		
15	16QAM	36	0	14.97	14.99	14.89	15.5	0
15	16QAM	36	20	14.99	14.98	14.78		
15	16QAM	36	39	14.99	14.88	14.77		
15	16QAM	75	0	14.98	14.87	14.76		
15	64QAM	1	0	14.87	14.98	14.99	15.5	0
15	64QAM	1	37	14.78	14.98	14.89		
15	64QAM	1	74	14.89	14.66	14.99		
15	64QAM	36	0	14.96	14.99	14.87	15.5	0
15	64QAM	36	20	14.98	14.77	14.77		
15	64QAM	36	39	14.99	14.98	14.67		
15	64QAM	75	0	14.97	14.76	14.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.76	14.86	14.92	15.5	0
10	QPSK	1	25	14.79	14.87	14.94		
10	QPSK	1	49	14.90	14.99	14.67		
10	QPSK	25	0	14.82	14.90	14.97	15.5	0
10	QPSK	25	12	14.85	14.98	14.87		
10	QPSK	25	25	14.90	14.94	14.87		
10	QPSK	50	0	14.86	14.96	14.78		
10	16QAM	1	0	14.99	14.97	14.98	15.5	0
10	16QAM	1	25	14.89	14.99	14.92		
10	16QAM	1	49	14.97	15.01	14.67		
10	16QAM	25	0	14.96	14.77	15.00	15.5	0
10	16QAM	25	12	15.00	14.67	14.77		
10	16QAM	25	25	14.99	14.89	14.67		
10	16QAM	50	0	14.98	14.87	14.78		
10	64QAM	1	0	15.00	14.99	14.98	15.5	0
10	64QAM	1	25	14.78	14.90	14.89		
10	64QAM	1	49	14.98	14.98	14.99		
10	64QAM	25	0	14.95	14.99	15.00	15.5	0
10	64QAM	25	12	15.00	14.77	14.78		
10	64QAM	25	25	14.98	14.99	14.78		
10	64QAM	50	0	14.96	14.89	14.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.79	14.83	14.95	15.5	0
5	QPSK	1	12	14.80	14.91	14.99		
5	QPSK	1	24	14.84	14.92	14.97		
5	QPSK	12	0	14.82	14.90	14.99	15.5	0
5	QPSK	12	7	14.86	14.93	14.87		
5	QPSK	12	13	14.88	14.95	14.76		
5	QPSK	25	0	14.83	14.96	14.99		
5	16QAM	1	0	14.99	14.99	14.89	15.5	0
5	16QAM	1	12	14.98	14.98	14.99		
5	16QAM	1	24	14.98	15.00	14.67		
5	16QAM	12	0	14.92	14.66	14.87	15.5	0
5	16QAM	12	7	14.96	14.98	14.76		
5	16QAM	12	13	14.95	14.77	14.89		
5	16QAM	25	0	14.96	14.78	14.78		
5	64QAM	1	0	14.67	14.89	14.88	15.5	0
5	64QAM	1	12	14.89	14.99	14.98		
5	64QAM	1	24	14.89	14.89	14.89		
5	64QAM	12	0	14.91	14.98	15.00	15.5	0
5	64QAM	12	7	14.95	14.98	14.78		
5	64QAM	12	13	14.93	14.77	14.67		
5	64QAM	25	0	14.97	14.78	14.87		

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.23	18.44	18.13	19.5	0
20	QPSK	1	49	18.21	18.14	18.21		
20	QPSK	1	99	18.32	18.34	18.33		
20	QPSK	50	0	17.98	18.11	18.01	19.5	0
20	QPSK	50	24	18.02	18.07	17.96		
20	QPSK	50	50	17.97	18.10	17.96		
20	QPSK	100	0	17.97	18.07	18.01		
20	16QAM	1	0	18.35	18.24	18.37	19.5	0
20	16QAM	1	49	18.41	18.39	18.36		
20	16QAM	1	99	18.42	18.23	18.24		
20	16QAM	50	0	18.09	18.22	18.12	19.5	0
20	16QAM	50	24	18.18	18.23	18.14		
20	16QAM	50	50	18.14	18.21	18.07		
20	16QAM	100	0	18.11	18.16	18.07		
20	64QAM	1	0	18.18	18.20	18.22	19.5	0
20	64QAM	1	49	18.30	18.37	18.24		
20	64QAM	1	99	18.26	18.27	18.26		
20	64QAM	50	0	18.12	18.05	17.98	19.5	0
20	64QAM	50	24	18.15	18.24	18.10		
20	64QAM	50	50	18.10	18.19	18.07		
20	64QAM	100	0	17.90	18.18	18.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.05	18.21	19.5	0
15	QPSK	1	37	18.21	18.04	18.12		
15	QPSK	1	74	17.88	17.98	17.94		
15	QPSK	36	0	17.89	18.10	18.00	19.5	0
15	QPSK	36	20	18.06	18.11	17.99		
15	QPSK	36	39	17.99	18.07	17.99		
15	QPSK	75	0	18.01	18.10	17.96		
15	16QAM	1	0	18.35	18.39	18.31	19.5	0
15	16QAM	1	37	18.32	18.21	18.28		
15	16QAM	1	74	18.25	18.40	18.26		
15	16QAM	36	0	18.03	18.23	18.11	19.5	0
15	16QAM	36	20	18.17	18.31	18.11		
15	16QAM	36	39	18.10	18.24	18.11		
15	16QAM	75	0	18.15	18.22	18.12		
15	64QAM	1	0	18.14	18.34	18.21	19.5	0
15	64QAM	1	37	18.16	18.33	18.23		
15	64QAM	1	74	18.10	18.27	17.97		
15	64QAM	36	0	17.90	18.22	18.10	19.5	0
15	64QAM	36	20	18.17	18.30	18.13		
15	64QAM	36	39	18.15	18.24	18.15		
15	64QAM	75	0	18.14	18.14	18.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.97	18.22	17.98	19.5	0
10	QPSK	1	25	17.90	18.13	17.99		
10	QPSK	1	49	18.05	18.18	17.93		
10	QPSK	25	0	17.94	18.12	17.98	19.5	0
10	QPSK	25	12	17.96	18.16	18.00		
10	QPSK	25	25	18.00	18.10	17.99		
10	QPSK	50	0	18.02	18.09	17.99		
10	16QAM	1	0	18.34	18.21	18.38	19.5	0
10	16QAM	1	25	18.28	18.23	18.37		
10	16QAM	1	49	18.22	18.23	18.31		
10	16QAM	25	0	18.06	18.27	18.06	19.5	0
10	16QAM	25	12	18.07	18.26	18.11		
10	16QAM	25	25	18.10	18.21	18.10		
10	16QAM	50	0	18.15	18.21	18.09		
10	64QAM	1	0	18.35	18.43	18.24	19.5	0
10	64QAM	1	25	17.96	18.36	18.32		
10	64QAM	1	49	18.32	18.14	18.21		
10	64QAM	25	0	18.05	18.27	18.07	19.5	0
10	64QAM	25	12	18.09	18.29	18.09		
10	64QAM	25	25	18.12	18.13	18.10		
10	64QAM	50	0	18.19	18.24	17.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.94	18.06	17.95	19.5	0
5	QPSK	1	12	17.96	18.07	17.98		
5	QPSK	1	24	17.85	18.04	17.91		
5	QPSK	12	0	17.92	18.11	17.96	19.5	0
5	QPSK	12	7	17.97	18.12	18.00		
5	QPSK	12	13	17.94	18.13	18.00		
5	QPSK	25	0	17.90	18.05	17.94		
5	16QAM	1	0	18.28	18.12	18.32	19.5	0
5	16QAM	1	12	18.30	18.22	18.41		
5	16QAM	1	24	18.33	18.23	18.27		
5	16QAM	12	0	18.15	18.30	18.10	19.5	0
5	16QAM	12	7	18.11	18.24	18.14		
5	16QAM	12	13	18.07	18.24	18.09		
5	16QAM	25	0	18.03	18.17	18.07		
5	64QAM	1	0	18.11	18.26	18.23	19.5	0
5	64QAM	1	12	18.18	18.33	18.26		
5	64QAM	1	24	18.16	18.34	18.18		
5	64QAM	12	0	18.06	18.25	18.05	19.5	0
5	64QAM	12	7	18.05	18.23	18.10		
5	64QAM	12	13	18.03	18.24	18.04		
5	64QAM	25	0	18.02	18.20	18.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.91	18.07	17.91	19.5	0
3	QPSK	1	8	17.95	18.11	17.91		
3	QPSK	1	14	17.86	18.06	17.94		
3	QPSK	8	0	17.95	18.09	17.97	19.5	0
3	QPSK	8	4	18.00	18.16	18.00		
3	QPSK	8	7	17.94	18.10	17.95		
3	QPSK	15	0	17.92	18.07	17.95		
3	16QAM	1	0	18.18	18.41	18.40	19.5	0
3	16QAM	1	8	18.32	18.23	18.42		
3	16QAM	1	14	18.27	18.37	18.38		
3	16QAM	8	0	18.11	18.32	18.14	19.5	0
3	16QAM	8	4	18.16	18.31	18.18		
3	16QAM	8	7	18.14	18.28	18.15		
3	16QAM	15	0	18.07	18.22	18.08		
3	64QAM	1	0	18.19	18.37	18.33	19.5	0
3	64QAM	1	8	18.17	18.36	18.28		
3	64QAM	1	14	18.14	18.37	18.25		
3	64QAM	8	0	18.08	18.29	18.11	19.5	0
3	64QAM	8	4	18.16	18.31	18.18		
3	64QAM	8	7	18.08	18.28	18.11		
3	64QAM	15	0	18.04	18.22	18.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.21	18.01	17.86	19.5	0
1.4	QPSK	1	3	18.12	18.07	17.95		
1.4	QPSK	1	5	17.84	18.01	17.89		
1.4	QPSK	3	0	17.89	18.04	17.90		
1.4	QPSK	3	1	17.93	18.06	17.98		
1.4	QPSK	3	3	17.89	18.04	17.88		
1.4	QPSK	6	0	17.86	18.00	17.89	19.5	0
1.4	16QAM	1	0	18.28	18.23	18.22	19.5	0
1.4	16QAM	1	3	18.23	18.21	18.41		
1.4	16QAM	1	5	18.29	18.39	18.31		
1.4	16QAM	3	0	18.01	18.21	18.01		
1.4	16QAM	3	1	18.07	18.26	18.09		
1.4	16QAM	3	3	17.98	18.23	18.05		
1.4	16QAM	6	0	18.06	18.18	18.09	19.5	0
1.4	64QAM	1	0	18.11	18.27	18.25	19.5	0
1.4	64QAM	1	3	18.18	18.34	18.21		
1.4	64QAM	1	5	18.08	18.28	18.19		
1.4	64QAM	3	0	17.97	18.19	18.13		
1.4	64QAM	3	1	18.06	18.36	18.23		
1.4	64QAM	3	3	18.04	18.37	18.09		
1.4	64QAM	6	0	17.99	18.13	18.00	19.5	0

Reduced Power Mode for Hotspot On

Band 5 (Cellular Band)
Part 22H(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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.55	21.65	21.52	23	0
10	QPSK	1	25	21.51	21.56	21.56		
10	QPSK	1	49	21.52	21.46	21.48		
10	QPSK	25	0	21.55	21.62	21.51	23	0
10	QPSK	25	12	21.61	21.59	21.60		
10	QPSK	25	25	21.61	21.54	21.59		
10	QPSK	50	0	21.54	21.57	21.47		
10	16QAM	1	0	21.51	21.56	21.60	23	0
10	16QAM	1	25	21.63	21.61	21.64		
10	16QAM	1	49	21.63	21.52	21.57		
10	16QAM	25	0	20.43	20.41	20.37	22	1
10	16QAM	25	12	20.48	20.38	20.42		
10	16QAM	25	25	20.44	20.34	20.40		
10	16QAM	50	0	20.44	20.37	20.28		
10	64QAM	1	0	21.53	21.54	21.46	22	1
10	64QAM	1	25	21.48	21.53	21.51		
10	64QAM	1	49	21.52	21.42	21.48		
10	64QAM	25	0	20.41	20.40	20.36	21	2
10	64QAM	25	12	20.46	20.39	20.43		
10	64QAM	25	25	20.41	20.34	20.39		
10	64QAM	50	0	20.42	20.35	20.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.24	21.25	21.23	23	0
5	QPSK	1	12	21.20	21.25	21.20		
5	QPSK	1	24	21.18	21.20	21.19		
5	QPSK	12	0	21.30	21.27	21.29	23	0
5	QPSK	12	7	21.30	21.28	21.30		
5	QPSK	12	13	21.26	21.25	21.22		
5	QPSK	25	0	21.27	21.27	21.23		
5	16QAM	1	0	21.61	21.64	21.63	23	0
5	16QAM	1	12	21.62	21.54	21.63		
5	16QAM	1	24	21.53	21.58	21.56		
5	16QAM	12	0	20.39	20.42	20.39	22	1
5	16QAM	12	7	20.42	20.42	20.41		
5	16QAM	12	13	20.38	20.36	20.38		
5	16QAM	25	0	20.39	20.39	20.37		
5	64QAM	1	0	21.48	21.50	21.50	22	1
5	64QAM	1	12	21.52	21.55	21.48		
5	64QAM	1	24	21.47	21.43	21.43		
5	64QAM	12	0	20.38	20.36	20.38	21	2
5	64QAM	12	7	20.39	20.38	20.37		
5	64QAM	12	13	20.35	20.34	20.38		
5	64QAM	25	0	20.37	20.38	20.34		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.27	21.21	21.25	23	0
3	QPSK	1	8	21.27	21.21	21.21		
3	QPSK	1	14	21.23	21.20	21.16		
3	QPSK	8	0	21.28	21.27	21.26	23	0
3	QPSK	8	4	21.30	21.30	21.25		
3	QPSK	8	7	21.27	21.26	21.21		
3	QPSK	15	0	21.26	21.24	21.23		
3	16QAM	1	0	21.64	21.57	21.52	23	0
3	16QAM	1	8	21.61	21.60	21.58		
3	16QAM	1	14	21.57	21.58	21.54		
3	16QAM	8	0	20.48	20.42	20.41	22	1
3	16QAM	8	4	20.49	20.44	20.46		
3	16QAM	8	7	20.44	20.41	20.42		
3	16QAM	15	0	20.40	20.36	20.36		
3	64QAM	1	0	21.52	21.45	21.49	22	1
3	64QAM	1	8	21.53	21.47	21.47		
3	64QAM	1	14	21.48	21.48	21.48		
3	64QAM	8	0	20.41	20.38	20.38	21	2
3	64QAM	8	4	20.45	20.39	20.42		
3	64QAM	8	7	20.40	20.39	20.39		
3	64QAM	15	0	20.38	20.36	20.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.19	21.16	21.13	23	0
1.4	QPSK	1	3	21.23	21.21	21.21		
1.4	QPSK	1	5	21.15	21.14	21.12		
1.4	QPSK	3	0	21.15	21.16	21.17		
1.4	QPSK	3	1	21.26	21.22	21.21		
1.4	QPSK	3	3	21.23	21.17	21.19		
1.4	QPSK	6	0	21.23	21.18	21.16	23	0
1.4	16QAM	1	0	21.52	21.50	21.50	23	0
1.4	16QAM	1	3	21.57	21.55	21.54		
1.4	16QAM	1	5	21.51	21.49	21.49		
1.4	16QAM	3	0	21.33	21.25	21.28		
1.4	16QAM	3	1	21.37	21.31	21.34		
1.4	16QAM	3	3	21.30	21.24	21.28		
1.4	16QAM	6	0	20.37	20.36	20.35	22	1
1.4	64QAM	1	0	21.42	21.37	21.37	22	1
1.4	64QAM	1	3	21.50	21.44	21.47		
1.4	64QAM	1	5	21.46	21.41	21.32		
1.4	64QAM	3	0	21.35	21.30	21.32		
1.4	64QAM	3	1	21.39	21.37	21.37		
1.4	64QAM	3	3	21.32	21.31	21.32		
1.4	64QAM	6	0	20.30	20.30	20.29	21	2

Band 7 (2600MHz Band)
Part 27

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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.52	14.69	14.60	15.5	0
20	QPSK	1	49	14.58	14.66	14.66		
20	QPSK	1	99	14.63	14.44	14.34		
20	QPSK	50	0	14.62	14.64	14.44	15.5	0
20	QPSK	50	24	14.56	14.53	14.33		
20	QPSK	50	50	14.61	14.35	14.50		
20	QPSK	100	0	14.58	14.59	14.43		
20	16QAM	1	0	14.54	14.60	14.62	15.5	0
20	16QAM	1	49	14.61	14.43	14.67		
20	16QAM	1	99	14.62	14.45	14.55		
20	16QAM	50	0	14.38	14.43	14.47	15.5	0
20	16QAM	50	24	14.43	14.50	14.53		
20	16QAM	50	50	14.38	14.57	14.58		
20	16QAM	100	0	14.35	14.48	14.53		
20	64QAM	1	0	14.41	14.50	14.51	15.5	0
20	64QAM	1	49	14.52	14.59	14.57		
20	64QAM	1	99	14.51	14.66	14.44		
20	64QAM	50	0	14.37	14.41	14.45	15.5	0
20	64QAM	50	24	14.45	14.48	14.51		
20	64QAM	50	50	14.36	14.55	14.57		
20	64QAM	100	0	14.36	14.48	14.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.53	14.58	14.64	15.5	0
15	QPSK	1	37	14.60	14.64	14.45		
15	QPSK	1	74	14.65	14.56	14.64		
15	QPSK	36	0	14.62	14.66	14.45	15.5	0
15	QPSK	36	20	14.65	14.45	14.66		
15	QPSK	36	39	14.67	14.55	14.45		
15	QPSK	75	0	14.65	14.44	14.43		
15	16QAM	1	0	14.55	14.63	14.65	15.5	0
15	16QAM	1	37	14.60	14.68	14.34		
15	16QAM	1	74	14.45	14.56	14.54		
15	16QAM	36	0	14.38	14.43	14.46	15.5	0
15	16QAM	36	20	14.40	14.49	14.52		
15	16QAM	36	39	14.48	14.54	14.56		
15	16QAM	75	0	14.39	14.50	14.53		
15	64QAM	1	0	14.43	14.52	14.58	15.5	0
15	64QAM	1	37	14.49	14.60	14.58		
15	64QAM	1	74	14.60	14.45	14.44		
15	64QAM	36	0	14.36	14.41	14.44	15.5	0
15	64QAM	36	20	14.40	14.47	14.51		
15	64QAM	36	39	14.47	14.53	14.56		
15	64QAM	75	0	14.39	14.49	14.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.54	14.59	14.65	15.5	0
10	QPSK	1	25	14.56	14.63	14.67		
10	QPSK	1	49	14.62	14.43	14.35		
10	QPSK	25	0	14.56	14.67	14.45	15.5	0
10	QPSK	25	12	14.64	14.44	14.45		
10	QPSK	25	25	14.62	14.45	14.66		
10	QPSK	50	0	14.63	14.67	14.33		
10	16QAM	1	0	14.55	14.63	14.66	15.5	0
10	16QAM	1	25	14.58	14.67	14.34		
10	16QAM	1	49	14.65	14.43	14.67		
10	16QAM	25	0	14.33	14.42	14.46	15.5	0
10	16QAM	25	12	14.40	14.47	14.48		
10	16QAM	25	25	14.36	14.50	14.52		
10	16QAM	50	0	14.39	14.43	14.49		
10	64QAM	1	0	14.43	14.52	14.51	15.5	0
10	64QAM	1	25	14.48	14.53	14.59		
10	64QAM	1	49	14.61	14.63	14.42		
10	64QAM	25	0	14.32	14.45	14.46	15.5	0
10	64QAM	25	12	14.39	14.45	14.47		
10	64QAM	25	25	14.40	14.50	14.52		
10	64QAM	50	0	14.37	14.42	14.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.48	14.63	14.68	15.5	0
5	QPSK	1	12	14.56	14.63	14.44		
5	QPSK	1	24	14.54	14.45	14.35		
5	QPSK	12	0	14.54	14.63	14.54	15.5	0
5	QPSK	12	7	14.62	14.43	14.43		
5	QPSK	12	13	14.58	14.68	14.56		
5	QPSK	25	0	14.59	14.67	14.44		
5	16QAM	1	0	14.50	14.59	14.68	15.5	0
5	16QAM	1	12	14.57	14.68	14.67		
5	16QAM	1	24	14.55	14.43	14.66		
5	16QAM	12	0	14.31	14.40	14.47	15.5	0
5	16QAM	12	7	14.38	14.49	14.53		
5	16QAM	12	13	14.38	14.46	14.49		
5	16QAM	25	0	14.36	14.43	14.47		
5	64QAM	1	0	14.41	14.53	14.55	15.5	0
5	64QAM	1	12	14.48	14.56	14.58		
5	64QAM	1	24	14.46	14.57	14.58		
5	64QAM	12	0	14.28	14.41	14.46	15.5	0
5	64QAM	12	7	14.36	14.48	14.51		
5	64QAM	12	13	14.32	14.46	14.48		
5	64QAM	25	0	14.35	14.42	14.49		

Reduced Power Mode for P-Sensor On

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	18.00	18.11	18.02	18.5	0
20	QPSK	1	49	18.03	18.02	17.81		
20	QPSK	1	99	17.89	17.89	18.02		
20	QPSK	50	0	17.91	18.02	17.92	18.5	0
20	QPSK	50	24	17.96	17.89	17.96		
20	QPSK	50	50	17.87	17.95	18.00		
20	QPSK	100	0	17.83	17.93	17.92		
20	16QAM	1	0	17.99	17.94	17.99	18.5	0
20	16QAM	1	49	18.04	17.99	18.03		
20	16QAM	1	99	18.04	18.09	17.89		
20	16QAM	50	0	18.03	17.94	18.02	18.5	0
20	16QAM	50	24	18.10	17.99	18.06		
20	16QAM	50	50	18.00	18.03	17.98		
20	16QAM	100	0	17.96	17.97	18.04		
20	64QAM	1	0	17.66	17.68	17.73	18.5	0
20	64QAM	1	49	17.74	17.72	17.81		
20	64QAM	1	99	17.74	17.83	17.85		
20	64QAM	50	0	17.97	17.88	17.94	18.5	0
20	64QAM	50	24	18.01	17.92	18.01		
20	64QAM	50	50	17.92	17.96	18.04		
20	64QAM	100	0	17.99	18.01	17.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.87	17.77	17.93	18.5	0
15	QPSK	1	37	17.91	17.80	17.94		
15	QPSK	1	74	18.00	17.95	18.04		
15	QPSK	36	0	17.88	17.81	17.91	18.5	0
15	QPSK	36	20	17.96	17.88	17.95		
15	QPSK	36	39	17.93	17.88	18.00		
15	QPSK	75	0	17.90	17.88	17.97		
15	16QAM	1	0	18.01	17.99	18.04	18.5	0
15	16QAM	1	37	18.02	17.99	17.88		
15	16QAM	1	74	17.98	18.09	18.00		
15	16QAM	36	0	17.93	17.86	18.01	18.5	0
15	16QAM	36	20	18.00	17.94	18.03		
15	16QAM	36	39	18.04	17.97	18.04		
15	16QAM	75	0	18.03	17.97	18.06		
15	64QAM	1	0	17.75	17.67	17.79	18.5	0
15	64QAM	1	37	17.79	17.70	17.82		
15	64QAM	1	74	17.91	17.85	17.93		
15	64QAM	36	0	17.94	17.97	18.04	18.5	0
15	64QAM	36	20	18.00	18.00	18.06		
15	64QAM	36	39	18.04	17.97	17.89		
15	64QAM	75	0	18.01	17.98	18.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.79	17.78	17.92	18.5	0
10	QPSK	1	25	17.82	17.82	17.92		
10	QPSK	1	49	17.88	17.92	18.02		
10	QPSK	25	0	17.82	17.79	17.92	18.5	0
10	QPSK	25	12	17.87	17.85	17.99		
10	QPSK	25	25	17.88	17.87	17.96		
10	QPSK	50	0	17.90	17.87	17.99		
10	16QAM	1	0	17.98	17.96	18.06	18.5	0
10	16QAM	1	25	17.99	17.97	18.06		
10	16QAM	1	49	18.05	18.02	17.99		
10	16QAM	25	0	17.94	17.97	18.08	18.5	0
10	16QAM	25	12	17.99	17.97	17.98		
10	16QAM	25	25	18.04	18.00	17.98		
10	16QAM	50	0	18.04	17.97	17.89		
10	64QAM	1	0	17.69	17.68	17.80	18.5	0
10	64QAM	1	25	17.74	17.70	17.79		
10	64QAM	1	49	17.81	17.73	17.46		
10	64QAM	25	0	17.96	17.91	17.79	18.5	0
10	64QAM	25	12	17.98	17.79	17.91		
10	64QAM	25	25	18.00	17.94	18.06		
10	64QAM	50	0	17.94	17.90	18.04		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.77	17.81	17.90	18.5	0
5	QPSK	1	12	17.82	17.84	17.94		
5	QPSK	1	24	17.80	17.82	17.92		
5	QPSK	12	0	17.85	17.86	17.96	18.5	0
5	QPSK	12	7	17.87	17.88	18.00		
5	QPSK	12	13	17.90	17.89	18.01		
5	QPSK	25	0	17.85	17.81	17.98		
5	16QAM	1	0	17.92	17.94	18.06	18.5	0
5	16QAM	1	12	18.00	17.97	17.87		
5	16QAM	1	24	18.01	18.00	17.98		
5	16QAM	12	0	17.90	17.90	18.03	18.5	0
5	16QAM	12	7	17.93	17.95	18.07		
5	16QAM	12	13	17.96	17.96	18.09		
5	16QAM	25	0	18.01	17.94	17.86		
5	64QAM	1	0	17.72	17.70	17.80	18.5	0
5	64QAM	1	12	17.74	17.70	17.84		
5	64QAM	1	24	17.74	17.75	17.85		
5	64QAM	12	0	17.87	17.90	18.00	18.5	0
5	64QAM	12	7	17.93	17.93	18.07		
5	64QAM	12	13	17.94	17.92	18.08		
5	64QAM	25	0	17.93	17.92	18.04		

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	18.17	18.20	18.11	18.12	18.5	0
20	QPSK	1	49	18.12	17.90	17.93	18.00		
20	QPSK	1	99	18.00	18.00	18.08	18.04		
20	QPSK	50	0	18.07	18.09	17.98	18.01	18.5	0
20	QPSK	50	24	17.98	18.06	18.05	18.05		
20	QPSK	50	50	17.93	18.06	18.08	18.05		
20	QPSK	100	0	17.87	18.05	18.04	18.02		
20	16QAM	1	0	18.03	18.07	18.11	18.09	18.5	0
20	16QAM	1	49	18.00	18.09	18.10	18.15		
20	16QAM	1	99	18.13	18.12	18.01	18.19		
20	16QAM	50	0	18.04	18.10	18.05	18.09	18.5	0
20	16QAM	50	24	18.04	18.14	18.10	18.13		
20	16QAM	50	50	18.03	18.16	18.13	18.16		
20	16QAM	100	0	17.96	17.99	18.11	18.10		
20	64QAM	1	0	17.77	17.76	17.79	17.82	18.5	0
20	64QAM	1	49	17.78	17.82	17.86	17.83		
20	64QAM	1	99	17.80	17.82	17.96	17.92		
20	64QAM	50	0	17.99	18.00	18.03	18.00	18.5	0
20	64QAM	50	24	17.98	18.10	18.10	18.04		
20	64QAM	50	50	17.95	18.09	18.08	18.10		
20	64QAM	100	0	17.99	18.02	18.15	18.19		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	17.81	17.97	18.04	17.95	18.5	0
15	QPSK	1	37	17.91	17.94	18.00	18.01		
15	QPSK	1	74	17.99	18.09	18.14	18.07		
15	QPSK	36	0	17.93	17.95	18.00	17.99	18.5	0
15	QPSK	36	20	17.97	18.03	18.02	18.02		
15	QPSK	36	39	17.98	18.04	18.03	18.03		
15	QPSK	75	0	17.92	18.00	18.02	18.01		
15	16QAM	1	0	18.04	18.09	18.10	18.13	18.5	0
15	16QAM	1	37	18.00	18.09	18.11	18.17		
15	16QAM	1	74	18.18	18.02	18.12	18.02		
15	16QAM	36	0	17.90	18.01	18.04	18.07	18.5	0
15	16QAM	36	20	17.96	18.05	18.11	18.07		
15	16QAM	36	39	17.99	18.07	18.11	18.08		
15	16QAM	75	0	18.03	18.13	18.08	18.11		
15	64QAM	1	0	17.76	17.82	17.84	17.82	18.5	0
15	64QAM	1	37	17.74	17.83	17.88	17.85		
15	64QAM	1	74	17.88	17.95	17.98	17.96		
15	64QAM	36	0	17.92	18.03	18.07	18.09	18.5	0
15	64QAM	36	20	17.98	18.11	18.12	18.12		
15	64QAM	36	39	18.00	18.10	18.15	18.15		
15	64QAM	75	0	18.02	18.10	18.10	18.09		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	18.11	18.11	18.02	17.94	18.5	0
10	QPSK	1	25	18.12	17.93	17.95	18.01		
10	QPSK	1	49	17.92	18.03	18.06	18.08		
10	QPSK	25	0	17.87	17.96	17.94	17.95	18.5	0
10	QPSK	25	12	17.92	17.98	18.01	18.05		
10	QPSK	25	25	17.92	17.97	18.04	18.03		
10	QPSK	50	0	17.90	18.00	18.00	18.00		
10	16QAM	1	0	17.92	18.07	18.08	18.12	18.5	0
10	16QAM	1	25	17.95	18.08	18.12	18.17		
10	16QAM	1	49	18.01	18.12	18.16	18.02		
10	16QAM	25	0	17.97	18.00	18.09	18.11	18.5	0
10	16QAM	25	12	17.99	18.12	18.13	18.17		
10	16QAM	25	25	17.99	18.12	18.15	18.15		
10	16QAM	50	0	17.96	18.06	18.07	18.11		
10	64QAM	1	0	17.63	17.77	17.80	17.82	18.5	0
10	64QAM	1	25	17.69	17.78	17.82	17.89		
10	64QAM	1	49	17.75	17.88	17.92	17.96		
10	64QAM	25	0	17.90	18.02	18.02	18.06	18.5	0
10	64QAM	25	12	17.92	18.04	18.07	18.12		
10	64QAM	25	25	17.92	18.04	18.08	18.10		
10	64QAM	50	0	17.91	18.04	18.04	18.05		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	17.79	17.79	17.92	17.98	18.5	0
5	QPSK	1	12	17.82	17.94	17.98	18.02		
5	QPSK	1	24	17.81	17.92	17.97	17.98		
5	QPSK	12	0	17.83	17.93	18.00	18.01	18.5	0
5	QPSK	12	7	17.89	17.99	18.01	18.07		
5	QPSK	12	13	17.89	17.99	18.03	18.06		
5	QPSK	25	0	17.82	17.99	17.98	18.00		
5	16QAM	1	0	17.88	18.05	18.06	18.10	18.5	0
5	16QAM	1	12	17.93	18.07	18.12	18.17		
5	16QAM	1	24	17.95	18.11	18.14	17.99		
5	16QAM	12	0	17.85	18.01	18.01	18.09	18.5	0
5	16QAM	12	7	17.95	18.05	18.09	18.13		
5	16QAM	12	13	17.91	18.04	18.07	18.12		
5	16QAM	25	0	17.94	18.05	18.11	18.14		
5	64QAM	1	0	17.64	17.81	17.82	17.87	18.5	0
5	64QAM	1	12	17.65	17.83	17.88	17.92		
5	64QAM	1	24	17.72	17.85	17.90	17.92		
5	64QAM	12	0	17.86	17.97	18.02	18.05	18.5	0
5	64QAM	12	7	17.93	18.05	18.07	18.12		
5	64QAM	12	13	17.90	18.04	18.07	18.11		
5	64QAM	25	0	17.87	18.01	18.07	18.11		

Reduced Power Mode for Hotspot On

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	17.00	17.18	17.10	18.5	0
20	QPSK	1	49	16.95	16.89	16.97		
20	QPSK	1	99	17.01	17.04	17.07		
20	QPSK	50	0	16.96	16.94	17.00	18.5	0
20	QPSK	50	24	17.02	16.98	17.03		
20	QPSK	50	50	16.97	17.01	17.08		
20	QPSK	100	0	16.90	16.99	17.07		
20	16QAM	1	0	17.04	17.01	17.10	18.5	0
20	16QAM	1	49	17.13	17.06	17.10		
20	16QAM	1	99	17.11	17.00	17.02		
20	16QAM	50	0	17.05	16.99	17.06	18.5	0
20	16QAM	50	24	17.12	17.04	17.11		
20	16QAM	50	50	17.06	17.09	17.17		
20	16QAM	100	0	17.00	17.02	17.11		
20	64QAM	1	0	16.78	16.71	16.78	18.5	0
20	64QAM	1	49	16.78	16.79	16.88		
20	64QAM	1	99	16.85	16.87	16.98		
20	64QAM	50	0	16.98	16.94	17.04	18.5	0
20	64QAM	50	24	17.03	17.01	17.08		
20	64QAM	50	50	16.99	17.01	17.12		
20	64QAM	100	0	17.06	17.11	17.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.88	16.89	16.98	18.5	0
15	QPSK	1	37	16.94	16.96	16.98		
15	QPSK	1	74	17.08	16.85	17.15		
15	QPSK	36	0	16.93	16.95	16.98	18.5	0
15	QPSK	36	20	17.02	17.00	17.06		
15	QPSK	36	39	17.00	16.98	17.08		
15	QPSK	75	0	17.00	16.98	17.07		
15	16QAM	1	0	17.04	17.00	17.09	18.5	0
15	16QAM	1	37	17.08	17.08	17.12		
15	16QAM	1	74	17.11	17.02	17.11		
15	16QAM	36	0	16.97	16.99	17.06	18.5	0
15	16QAM	36	20	17.03	17.02	17.09		
15	16QAM	36	39	17.04	17.00	17.13		
15	16QAM	75	0	17.07	17.05	17.11		
15	64QAM	1	0	16.76	16.79	16.91	18.5	0
15	64QAM	1	37	16.81	16.79	16.92		
15	64QAM	1	74	16.98	16.92	17.01		
15	64QAM	36	0	17.04	17.01	17.09	18.5	0
15	64QAM	36	20	17.10	17.07	17.12		
15	64QAM	36	39	17.11	17.03	17.17		
15	64QAM	75	0	17.10	17.07	17.09		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.84	16.88	16.94	18.5	0
10	QPSK	1	25	16.88	16.90	17.00		
10	QPSK	1	49	16.96	17.00	17.08		
10	QPSK	25	0	16.88	16.91	16.98	18.5	0
10	QPSK	25	12	16.94	16.91	17.05		
10	QPSK	25	25	16.98	16.94	17.08		
10	QPSK	50	0	16.97	16.97	17.06		
10	16QAM	1	0	17.03	16.97	17.11	18.5	0
10	16QAM	1	25	17.03	17.02	17.14		
10	16QAM	1	49	17.13	17.10	17.02		
10	16QAM	25	0	17.04	16.97	17.09	18.5	0
10	16QAM	25	12	17.10	17.06	17.17		
10	16QAM	25	25	17.09	17.06	17.15		
10	16QAM	50	0	17.06	17.02	17.16		
10	64QAM	1	0	16.73	16.73	16.85	18.5	0
10	64QAM	1	25	16.75	16.75	16.86		
10	64QAM	1	49	16.84	16.87	16.94		
10	64QAM	25	0	16.99	16.93	17.04	18.5	0
10	64QAM	25	12	17.03	17.00	17.12		
10	64QAM	25	25	17.03	17.02	17.09		
10	64QAM	50	0	16.99	16.94	17.09		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.87	16.83	16.97	18.5	0
5	QPSK	1	12	16.90	16.91	17.01		
5	QPSK	1	24	16.85	16.86	16.97		
5	QPSK	12	0	16.90	16.91	17.02	18.5	0
5	QPSK	12	7	16.93	16.93	17.08		
5	QPSK	12	13	16.97	16.93	17.11		
5	QPSK	25	0	16.93	16.95	17.07		
5	16QAM	1	0	16.94	16.98	17.11	18.5	0
5	16QAM	1	12	17.06	17.06	17.16		
5	16QAM	1	24	17.07	17.04	17.17		
5	16QAM	12	0	16.98	16.96	17.08	18.5	0
5	16QAM	12	7	17.02	17.02	17.12		
5	16QAM	12	13	16.98	17.01	17.12		
5	16QAM	25	0	17.01	17.01	17.02		
5	64QAM	1	0	16.72	16.73	16.86	18.5	0
5	64QAM	1	12	16.80	16.79	16.90		
5	64QAM	1	24	16.82	16.78	16.92		
5	64QAM	12	0	16.96	16.97	17.07	18.5	0
5	64QAM	12	7	17.02	17.01	17.12		
5	64QAM	12	13	16.99	17.01	17.11		
5	64QAM	25	0	16.95	16.95	17.12		

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	17.38	17.58	17.39	17.41	18.5	0
20	QPSK	1	49	17.40	17.44	17.43	17.46		
20	QPSK	1	99	17.42	17.51	17.57	17.56		
20	QPSK	50	0	17.44	17.46	17.41	17.40	18.5	0
20	QPSK	50	24	17.42	17.41	17.44	17.43		
20	QPSK	50	50	17.43	17.36	17.35	17.34		
20	QPSK	100	0	17.34	17.53	17.51	17.52		
20	16QAM	1	0	17.21	17.23	17.27	17.23	18.5	0
20	16QAM	1	49	17.24	17.26	17.30	17.35		
20	16QAM	1	99	17.26	17.36	17.42	17.37		
20	16QAM	50	0	17.20	17.23	17.30	17.25	18.5	0
20	16QAM	50	24	17.22	17.33	17.30	17.29		
20	16QAM	50	50	17.18	17.36	17.33	17.29		
20	16QAM	100	0	17.11	17.19	17.31	17.27		
20	64QAM	1	0	16.88	16.98	16.97	17.04	18.5	0
20	64QAM	1	49	16.92	16.98	17.02	17.09		
20	64QAM	1	99	17.01	17.05	17.12	17.11		
20	64QAM	50	0	17.14	17.19	17.23	17.19	18.5	0
20	64QAM	50	24	17.16	17.25	17.22	17.21		
20	64QAM	50	50	17.11	17.29	17.26	17.23		
20	64QAM	100	0	17.16	17.23	17.35	17.31		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	17.36	17.37	17.45	17.44	18.5	0
15	QPSK	1	37	17.40	17.46	17.49	17.49		
15	QPSK	1	74	17.52	17.45	17.54	17.45		
15	QPSK	36	0	17.38	17.47	17.49	17.46	18.5	0
15	QPSK	36	20	17.44	17.50	17.51	17.53		
15	QPSK	36	39	17.46	17.51	17.54	17.52		
15	QPSK	75	0	17.47	17.49	17.50	17.50		
15	16QAM	1	0	17.18	17.31	17.35	17.34	18.5	0
15	16QAM	1	37	17.25	17.39	17.36	17.31		
15	16QAM	1	74	17.38	17.48	17.49	17.44		
15	16QAM	36	0	17.12	17.21	17.24	17.26	18.5	0
15	16QAM	36	20	17.18	17.29	17.33	17.31		
15	16QAM	36	39	17.22	17.31	17.35	17.29		
15	16QAM	75	0	17.26	17.31	17.30	17.31		
15	64QAM	1	0	16.96	17.05	17.10	17.07	18.5	0
15	64QAM	1	37	17.05	17.08	17.09	17.04		
15	64QAM	1	74	17.09	17.19	17.20	17.17		
15	64QAM	36	0	17.16	17.25	17.27	17.30	18.5	0
15	64QAM	36	20	17.21	17.31	17.35	17.31		
15	64QAM	36	39	17.26	17.33	17.38	17.32		
15	64QAM	75	0	17.23	17.34	17.30	17.30		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	17.31	17.39	17.45	17.45	18.5	0
10	QPSK	1	25	17.35	17.44	17.45	17.47		
10	QPSK	1	49	17.41	17.49	17.55	17.57		
10	QPSK	25	0	17.34	17.40	17.45	17.51	18.5	0
10	QPSK	25	12	17.43	17.47	17.50	17.54		
10	QPSK	25	25	17.45	17.49	17.50	17.51		
10	QPSK	50	0	17.44	17.46	17.48	17.54		
10	16QAM	1	0	17.16	17.26	17.33	17.32	18.5	0
10	16QAM	1	25	17.19	17.30	17.32	17.36		
10	16QAM	1	49	17.25	17.34	17.37	17.36		
10	16QAM	25	0	17.15	17.27	17.33	17.30	18.5	0
10	16QAM	25	12	17.20	17.32	17.36	17.33		
10	16QAM	25	25	17.21	17.34	17.36	17.34		
10	16QAM	50	0	17.22	17.26	17.29	17.34		
10	64QAM	1	0	16.88	16.97	17.06	17.05	18.5	0
10	64QAM	1	25	16.91	17.03	17.07	17.05		
10	64QAM	1	49	17.00	17.09	17.14	17.09		
10	64QAM	25	0	17.09	17.20	17.26	17.25	18.5	0
10	64QAM	25	12	17.13	17.28	17.31	17.28		
10	64QAM	25	25	17.17	17.28	17.32	17.30		
10	64QAM	50	0	17.14	17.19	17.26	17.26		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	17.26	17.39	17.43	17.44	18.5	0
5	QPSK	1	12	17.34	17.45	17.50	17.52		
5	QPSK	1	24	17.29	17.43	17.43	17.50		
5	QPSK	12	0	17.35	17.43	17.45	17.50	18.5	0
5	QPSK	12	7	17.39	17.49	17.54	17.55		
5	QPSK	12	13	17.38	17.50	17.51	17.57		
5	QPSK	25	0	17.36	17.47	17.47	17.51		
5	16QAM	1	0	17.13	17.27	17.28	17.32	18.5	0
5	16QAM	1	12	17.20	17.29	17.37	17.37		
5	16QAM	1	24	17.19	17.33	17.37	17.37		
5	16QAM	12	0	17.07	17.19	17.27	17.29	18.5	0
5	16QAM	12	7	17.15	17.26	17.29	17.32		
5	16QAM	12	13	17.14	17.27	17.30	17.32		
5	16QAM	25	0	17.15	17.31	17.34	17.35		
5	64QAM	1	0	16.91	17.01	17.04	17.08	18.5	0
5	64QAM	1	12	16.92	17.04	17.08	17.13		
5	64QAM	1	24	16.94	17.05	17.10	17.10		
5	64QAM	12	0	17.05	17.22	17.25	17.28	18.5	0
5	64QAM	12	7	17.16	17.25	17.28	17.31		
5	64QAM	12	13	17.14	17.25	17.30	17.32		
5	64QAM	25	0	17.09	17.25	17.27	17.30		

Reduced Power Mode for Handheld On

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	21.77	21.82	21.80	22.50
3GPP Rel 99	RMC 12.2Kbps	21.78	21.84	21.83	22.50
3GPP Rel 6	HSDPA Subtest-1	20.83	20.84	20.86	21.50
3GPP Rel 6	HSDPA Subtest-2	20.85	20.86	20.90	21.50
3GPP Rel 6	HSDPA Subtest-3	20.37	20.38	20.40	21.00
3GPP Rel 6	HSDPA Subtest-4	20.35	20.34	20.38	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.82	20.83	20.87	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.81	20.81	20.88	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.34	20.32	20.38	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.33	20.35	20.34	21.00
3GPP Rel 6	HSUPA Subtest-1	20.80	20.88	20.88	21.50
3GPP Rel 6	HSUPA Subtest-2	18.76	18.85	18.88	19.50
3GPP Rel 6	HSUPA Subtest-3	19.81	19.84	19.95	20.50
3GPP Rel 6	HSUPA Subtest-4	18.81	18.87	18.90	19.50
3GPP Rel 6	HSUPA Subtest-5	20.80	20.90	20.90	21.50

Reduced Power Mode for Handheld On

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.34	21.49	21.41	22.5	0
20	QPSK	1	49	21.09	21.12	21.23		
20	QPSK	1	99	21.32	21.43	21.25		
20	QPSK	50	0	21.09	21.16	21.03	22.5	0
20	QPSK	50	24	21.09	21.15	21.05		
20	QPSK	50	50	21.02	21.07	21.02		
20	QPSK	100	0	21.07	21.13	21.01		
20	16QAM	1	0	21.13	21.13	21.12	22.5	0
20	16QAM	1	49	21.23	21.12	21.43		
20	16QAM	1	99	21.39	21.23	21.38		
20	16QAM	50	0	20.74	20.81	20.67	22	0.5
20	16QAM	50	24	20.78	20.79	20.68		
20	16QAM	50	50	20.69	20.77	20.63		
20	16QAM	100	0	20.73	20.76	20.64		
20	64QAM	1	0	20.48	20.49	20.51	22	0.5
20	64QAM	1	49	20.46	20.64	20.40		
20	64QAM	1	99	20.37	20.46	20.35		
20	64QAM	50	0	19.85	19.89	19.77	21	1.5
20	64QAM	50	24	19.88	19.91	19.75		
20	64QAM	50	50	19.79	19.87	19.73		
20	64QAM	100	0	19.82	19.87	19.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.23	21.35	21.11	22.5	0
15	QPSK	1	37	20.93	21.32	21.13		
15	QPSK	1	74	21.15	21.13	20.92		
15	QPSK	36	0	20.99	21.13	21.03	22.5	0
15	QPSK	36	20	21.11	21.16	21.03		
15	QPSK	36	39	21.05	21.09	20.99		
15	QPSK	75	0	21.08	21.15	20.99		
15	16QAM	1	0	21.41	21.23	21.41	22.5	0
15	16QAM	1	37	21.34	21.12	21.40		
15	16QAM	1	74	21.33	21.47	21.38		
15	16QAM	36	0	20.65	20.79	20.66	22	0.5
15	16QAM	36	20	20.78	20.83	20.68		
15	16QAM	36	39	20.70	20.78	20.68		
15	16QAM	75	0	20.73	20.76	20.63		
15	64QAM	1	0	20.41	20.59	20.45	22	0.5
15	64QAM	1	37	20.34	20.52	20.37		
15	64QAM	1	74	20.34	20.49	20.35		
15	64QAM	36	0	19.76	19.89	19.76	21	1.5
15	64QAM	36	20	19.87	19.90	19.78		
15	64QAM	36	39	19.80	19.89	19.77		
15	64QAM	75	0	19.83	19.86	19.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.11	21.23	21.00	22.5	0
10	QPSK	1	25	21.21	21.12	20.97		
10	QPSK	1	49	21.08	21.14	20.91		
10	QPSK	25	0	20.99	21.14	20.99	22.5	0
10	QPSK	25	12	20.99	21.14	21.00		
10	QPSK	25	25	21.05	21.07	20.98		
10	QPSK	50	0	21.07	21.10	20.98		
10	16QAM	1	0	21.12	21.23	21.39	22.5	0
10	16QAM	1	25	21.38	21.12	21.45		
10	16QAM	1	49	21.45	21.11	21.38		
10	16QAM	25	0	20.70	20.77	20.61	22	0.5
10	16QAM	25	12	20.67	20.78	20.66		
10	16QAM	25	25	20.69	20.73	20.66		
10	16QAM	50	0	20.74	20.77	20.62		
10	64QAM	1	0	20.50	20.67	20.36	22	0.5
10	64QAM	1	25	20.40	20.57	20.45		
10	64QAM	1	49	20.44	20.51	20.36		
10	64QAM	25	0	19.77	19.89	19.74	21	1.5
10	64QAM	25	12	19.75	19.87	19.76		
10	64QAM	25	25	19.82	19.82	19.74		
10	64QAM	50	0	19.84	19.84	19.71		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.22	21.08	20.93	22.5	0
5	QPSK	1	12	21.24	21.07	20.95		
5	QPSK	1	24	21.21	21.01	20.89		
5	QPSK	12	0	20.99	21.13	20.97	22.5	0
5	QPSK	12	7	21.01	21.14	20.99		
5	QPSK	12	13	20.99	21.09	20.97		
5	QPSK	25	0	20.95	21.07	20.97		
5	16QAM	1	0	21.38	21.11	21.33	22.5	0
5	16QAM	1	12	21.38	21.21	21.37		
5	16QAM	1	24	21.26	21.11	21.34		
5	16QAM	12	0	20.67	20.77	20.64	22	0.5
5	16QAM	12	7	20.70	20.81	20.70		
5	16QAM	12	13	20.64	20.72	20.66		
5	16QAM	25	0	20.62	20.71	20.61		
5	64QAM	1	0	20.37	20.50	20.39	22	0.5
5	64QAM	1	12	20.37	20.53	20.37		
5	64QAM	1	24	20.30	20.46	20.34		
5	64QAM	12	0	19.77	19.86	19.71	21	1.5
5	64QAM	12	7	19.80	19.88	19.75		
5	64QAM	12	13	19.73	19.82	19.74		
5	64QAM	25	0	19.74	19.82	19.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.23	21.04	21.22	22.5	0
3	QPSK	1	8	21.24	21.07	21.12		
3	QPSK	1	14	21.22	21.00	21.23		
3	QPSK	8	0	20.97	21.10	20.96	22.5	0
3	QPSK	8	4	20.99	21.11	20.98		
3	QPSK	8	7	20.93	21.07	20.95		
3	QPSK	15	0	20.93	21.06	20.94		
3	16QAM	1	0	21.36	21.12	21.38	22.5	0
3	16QAM	1	8	21.39	21.21	21.36		
3	16QAM	1	14	21.31	21.48	21.28		
3	16QAM	8	0	20.72	20.79	20.70	22	0.5
3	16QAM	8	4	20.72	20.84	20.70		
3	16QAM	8	7	20.68	20.79	20.69		
3	16QAM	15	0	20.61	20.70	20.59		
3	64QAM	1	0	20.33	20.46	20.35	22	0.5
3	64QAM	1	8	20.37	20.46	20.38		
3	64QAM	1	14	20.29	20.44	20.30		
3	64QAM	8	0	19.74	19.82	19.75	21	1.5
3	64QAM	8	4	19.78	19.89	19.78		
3	64QAM	8	7	19.73	19.84	19.77		
3	64QAM	15	0	19.67	19.79	19.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.22	21.01	20.86	22.5	0
1.4	QPSK	1	3	21.14	21.06	20.95		
1.4	QPSK	1	5	21.13	21.00	20.81		
1.4	QPSK	3	0	20.90	21.02	20.90		
1.4	QPSK	3	1	20.93	21.10	20.92		
1.4	QPSK	3	3	20.89	21.00	20.89		
1.4	QPSK	6	0	20.87	21.02	20.89	22.5	0
1.4	16QAM	1	0	21.27	21.43	21.28	22.5	0
1.4	16QAM	1	3	21.37	21.13	21.34		
1.4	16QAM	1	5	21.26	21.40	21.31		
1.4	16QAM	3	0	21.06	21.18	21.06		
1.4	16QAM	3	1	21.13	21.25	21.09		
1.4	16QAM	3	3	21.05	21.13	21.06		
1.4	16QAM	6	0	20.68	20.73	20.64	22	0.5
1.4	64QAM	1	0	20.31	20.40	20.27	22	0.5
1.4	64QAM	1	3	20.31	20.47	20.35		
1.4	64QAM	1	5	20.24	20.38	20.28		
1.4	64QAM	3	0	20.20	20.34	20.19		
1.4	64QAM	3	1	20.28	20.37	20.23		
1.4	64QAM	3	3	20.17	20.28	20.17		
1.4	64QAM	6	0	19.65	19.77	19.64	21	1.5

Band 7 (2600MHz Band)
Part 27

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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.12	19.14	19.11	20	0
20	QPSK	1	49	19.00	18.89	18.94		
20	QPSK	1	99	19.05	19.02	19.02		
20	QPSK	50	0	18.89	19.05	18.93	20	0
20	QPSK	50	24	18.93	18.95	18.97		
20	QPSK	50	50	18.92	18.99	19.04		
20	QPSK	100	0	18.85	19.01	18.99		
20	16QAM	1	0	18.86	18.84	18.95	20	0
20	16QAM	1	49	18.93	18.95	18.99		
20	16QAM	1	99	18.91	18.87	19.07		
20	16QAM	50	0	18.96	19.02	19.08	20	0
20	16QAM	50	24	19.05	19.09	19.09		
20	16QAM	50	50	18.98	19.12	18.87		
20	16QAM	100	0	18.91	19.08	19.09		
20	64QAM	1	0	19.05	19.10	19.13	20	0
20	64QAM	1	49	18.78	18.87	19.03		
20	64QAM	1	99	18.89	19.01	19.03		
20	64QAM	50	0	18.95	19.00	19.06	20	0
20	64QAM	50	24	19.03	19.07	19.07		
20	64QAM	50	50	18.97	19.09	18.87		
20	64QAM	100	0	18.95	19.07	19.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.79	18.87	18.89	20	0
15	QPSK	1	37	18.87	18.92	18.92		
15	QPSK	1	74	18.99	19.04	19.07		
15	QPSK	36	0	18.89	18.97	18.94	20	0
15	QPSK	36	20	18.92	19.02	19.04		
15	QPSK	36	39	18.94	19.02	19.06		
15	QPSK	75	0	18.90	18.94	19.02		
15	16QAM	1	0	18.84	18.90	18.98	20	0
15	16QAM	1	37	18.89	18.96	18.96		
15	16QAM	1	74	19.00	19.07	18.86		
15	16QAM	36	0	18.99	19.01	19.06	20	0
15	16QAM	36	20	19.03	19.08	18.89		
15	16QAM	36	39	19.02	18.89	18.89		
15	16QAM	75	0	19.01	19.08	19.12		
15	64QAM	1	0	19.07	18.87	18.92	20	0
15	64QAM	1	37	19.10	18.99	19.02		
15	64QAM	1	74	18.89	19.02	19.00		
15	64QAM	36	0	18.98	18.99	19.04	20	0
15	64QAM	36	20	19.03	19.06	18.88		
15	64QAM	36	39	19.01	19.12	18.87		
15	64QAM	75	0	19.01	19.07	19.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.76	18.84	18.91	20	0
10	QPSK	1	25	18.82	18.88	18.95		
10	QPSK	1	49	18.88	18.93	19.03		
10	QPSK	25	0	18.82	18.88	18.94	20	0
10	QPSK	25	12	18.91	18.95	19.02		
10	QPSK	25	25	18.86	18.93	19.01		
10	QPSK	50	0	18.89	18.95	19.02		
10	16QAM	1	0	18.78	18.88	18.95	20	0
10	16QAM	1	25	18.88	18.92	18.97		
10	16QAM	1	49	18.92	19.00	19.06		
10	16QAM	25	0	18.93	19.03	19.06	20	0
10	16QAM	25	12	18.98	19.03	18.87		
10	16QAM	25	25	18.99	19.09	19.13		
10	16QAM	50	0	18.97	19.01	19.11		
10	64QAM	1	0	19.02	19.09	18.89	20	0
10	64QAM	1	25	19.06	18.87	18.89		
10	64QAM	1	49	18.97	18.89	19.01		
10	64QAM	25	0	18.92	19.02	19.06	20	0
10	64QAM	25	12	19.00	19.02	18.98		
10	64QAM	25	25	18.99	19.07	19.12		
10	64QAM	50	0	18.97	19.00	19.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.76	18.84	18.93	20	0
5	QPSK	1	12	18.77	18.89	18.98		
5	QPSK	1	24	18.81	18.90	18.98		
5	QPSK	12	0	18.83	18.89	18.98	20	0
5	QPSK	12	7	18.86	18.97	19.01		
5	QPSK	12	13	18.88	18.95	19.02		
5	QPSK	25	0	18.80	18.93	18.98		
5	16QAM	1	0	18.80	18.89	18.97	20	0
5	16QAM	1	12	18.83	18.92	19.00		
5	16QAM	1	24	18.89	18.95	18.99		
5	16QAM	12	0	18.94	19.01	19.09	20	0
5	16QAM	12	7	18.98	19.09	18.87		
5	16QAM	12	13	19.00	19.06	18.89		
5	16QAM	25	0	18.92	19.03	19.07		
5	64QAM	1	0	19.04	18.89	18.87	20	0
5	64QAM	1	12	19.10	18.89	18.98		
5	64QAM	1	24	19.11	18.87	19.02		
5	64QAM	12	0	18.91	18.99	19.08	20	0
5	64QAM	12	7	18.95	19.06	19.12		
5	64QAM	12	13	18.97	19.04	19.13		
5	64QAM	25	0	18.90	19.01	19.07		

Reduced Power Mode for Handheld On

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	21.51	21.83	21.52	22.5	0
20	QPSK	1	49	21.56	21.50	21.57		
20	QPSK	1	99	21.60	21.63	21.70		
20	QPSK	50	0	21.69	21.62	21.73	22.5	0
20	QPSK	50	24	21.72	21.69	21.77		
20	QPSK	50	50	21.68	21.71	21.81		
20	QPSK	100	0	21.65	21.68	21.76		
20	16QAM	1	0	21.72	21.67	21.80	22.5	0
20	16QAM	1	49	21.75	21.72	21.82		
20	16QAM	1	99	21.63	21.65	21.67		
20	16QAM	50	0	20.79	20.74	20.80	22	0.5
20	16QAM	50	24	20.84	20.81	20.86		
20	16QAM	50	50	20.77	20.84	20.88		
20	16QAM	100	0	20.71	20.77	20.85		
20	64QAM	1	0	20.69	20.66	20.75	22	0.5
20	64QAM	1	49	20.75	20.70	20.79		
20	64QAM	1	99	20.81	20.87	20.90		
20	64QAM	50	0	19.96	19.93	19.97	21	1.5
20	64QAM	50	24	20.00	19.95	20.02		
20	64QAM	50	50	19.95	20.01	20.04		
20	64QAM	100	0	19.97	20.02	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.56	21.47	21.61	22.5	0
15	QPSK	1	37	21.58	21.54	21.59		
15	QPSK	1	74	21.71	21.66	21.75		
15	QPSK	36	0	21.68	21.64	21.71	22.5	0
15	QPSK	36	20	21.74	21.69	21.78		
15	QPSK	36	39	21.76	21.70	21.78		
15	QPSK	75	0	21.74	21.68	21.73		
15	16QAM	1	0	21.72	21.68	21.65	22.5	0
15	16QAM	1	37	21.77	21.73	21.64		
15	16QAM	1	74	21.78	21.66	21.77		
15	16QAM	36	0	20.72	20.67	20.77	22	0.5
15	16QAM	36	20	20.77	20.71	20.85		
15	16QAM	36	39	20.79	20.72	20.85		
15	16QAM	75	0	20.81	20.75	20.85		
15	64QAM	1	0	20.71	20.66	20.80	22	0.5
15	64QAM	1	37	20.76	20.73	20.77		
15	64QAM	1	74	20.91	20.87	20.93		
15	64QAM	36	0	19.98	19.94	20.00	21	1.5
15	64QAM	36	20	20.03	19.99	20.07		
15	64QAM	36	39	20.04	19.97	20.10		
15	64QAM	75	0	20.01	19.98	20.09		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.50	21.49	21.55	22.5	0
10	QPSK	1	25	21.55	21.51	21.61		
10	QPSK	1	49	21.65	21.61	21.69		
10	QPSK	25	0	21.64	21.64	21.69	22.5	0
10	QPSK	25	12	21.70	21.67	21.76		
10	QPSK	25	25	21.69	21.67	21.80		
10	QPSK	50	0	21.71	21.64	21.79		
10	16QAM	1	0	21.73	21.71	21.65	22.5	0
10	16QAM	1	25	21.74	21.73	21.66		
10	16QAM	1	49	21.79	21.79	21.66		
10	16QAM	25	0	20.73	20.73	20.83	22	0.5
10	16QAM	25	12	20.76	20.79	20.85		
10	16QAM	25	25	20.77	20.79	20.88		
10	16QAM	50	0	20.78	20.77	20.87		
10	64QAM	1	0	20.71	20.67	20.77	22	0.5
10	64QAM	1	25	20.70	20.71	20.83		
10	64QAM	1	49	20.78	20.77	20.92		
10	64QAM	25	0	19.90	19.88	20.00	21	1.5
10	64QAM	25	12	19.94	19.94	20.05		
10	64QAM	25	25	19.96	19.95	20.05		
10	64QAM	50	0	19.93	19.92	20.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.50	21.50	21.58	22.5	0
5	QPSK	1	12	21.54	21.50	21.64		
5	QPSK	1	24	21.53	21.47	21.62		
5	QPSK	12	0	21.66	21.61	21.75	22.5	0
5	QPSK	12	7	21.68	21.67	21.80		
5	QPSK	12	13	21.68	21.67	21.80		
5	QPSK	25	0	21.65	21.62	21.77		
5	16QAM	1	0	21.68	21.66	21.81	22.5	0
5	16QAM	1	12	21.73	21.73	21.66		
5	16QAM	1	24	21.75	21.75	21.67		
5	16QAM	12	0	20.67	20.67	20.80	22	0.5
5	16QAM	12	7	20.73	20.69	20.85		
5	16QAM	12	13	20.70	20.74	20.86		
5	16QAM	25	0	20.76	20.72	20.91		
5	64QAM	1	0	20.66	20.68	20.85	22	0.5
5	64QAM	1	12	20.73	20.68	20.85		
5	64QAM	1	24	20.71	20.72	20.87		
5	64QAM	12	0	19.90	19.86	20.01	21	1.5
5	64QAM	12	7	19.95	19.91	20.06		
5	64QAM	12	13	19.93	19.91	20.05		
5	64QAM	25	0	19.92	19.88	20.04		

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	21.76	21.92	21.67	21.87	22.5	0
20	QPSK	1	49	21.61	21.90	21.85	21.87		
20	QPSK	1	99	21.61	21.60	21.74	21.72		
20	QPSK	50	0	21.72	21.84	21.79	21.74	22.5	0
20	QPSK	50	24	21.77	21.80	21.80	21.78		
20	QPSK	50	50	21.70	21.81	21.83	21.80		
20	QPSK	100	0	21.67	21.80	21.79	21.76		
20	16QAM	1	0	21.75	21.77	21.78	21.88	22.5	0
20	16QAM	1	49	21.81	21.84	21.87	21.88		
20	16QAM	1	99	21.81	21.82	21.67	21.89		
20	16QAM	50	0	20.81	20.86	20.88	20.86	22	0.5
20	16QAM	50	24	20.86	20.89	20.92	20.90		
20	16QAM	50	50	20.80	20.94	20.95	20.90		
20	16QAM	100	0	20.75	20.78	20.89	20.86		
20	64QAM	1	0	20.70	20.75	20.75	20.78	22	0.5
20	64QAM	1	49	20.77	20.79	20.82	20.79		
20	64QAM	1	99	20.74	20.80	20.93	20.88		
20	64QAM	50	0	19.99	19.99	20.04	20.01	21	1.5
20	64QAM	50	24	20.02	20.04	20.06	20.07		
20	64QAM	50	50	19.94	20.10	20.12	20.07		
20	64QAM	100	0	20.00	20.04	20.14	20.13		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	21.53	21.59	21.61	21.63	22.5	0
15	QPSK	1	37	21.55	21.67	21.62	21.65		
15	QPSK	1	74	21.70	21.77	21.77	21.74		
15	QPSK	36	0	21.67	21.73	21.77	21.76	22.5	0
15	QPSK	36	20	21.71	21.77	21.82	21.79		
15	QPSK	36	39	21.71	21.79	21.81	21.78		
15	QPSK	75	0	21.71	21.79	21.77	21.77		
15	16QAM	1	0	21.74	21.77	21.82	21.85	22.5	0
15	16QAM	1	37	21.80	21.85	21.85	21.82		
15	16QAM	1	74	21.66	21.67	21.67	21.76		
15	16QAM	36	0	20.70	20.77	20.79	20.82	22	0.5
15	16QAM	36	20	20.75	20.83	20.87	20.83		
15	16QAM	36	39	20.79	20.84	20.88	20.84		
15	16QAM	75	0	20.83	20.88	20.89	20.88		
15	64QAM	1	0	20.76	20.79	20.81	20.81	22	0.5
15	64QAM	1	37	20.76	20.78	20.81	20.80		
15	64QAM	1	74	20.89	20.90	20.96	20.91		
15	64QAM	36	0	19.97	20.02	20.06	20.06	21	1.5
15	64QAM	36	20	20.01	20.07	20.12	20.09		
15	64QAM	36	39	20.03	20.11	20.11	20.08		
15	64QAM	75	0	20.05	20.09	20.08	20.09		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	21.50	21.61	21.60	21.64	22.5	0
10	QPSK	1	25	21.54	21.64	21.64	21.70		
10	QPSK	1	49	21.61	21.70	21.76	21.77		
10	QPSK	25	0	21.65	21.72	21.76	21.74	22.5	0
10	QPSK	25	12	21.65	21.78	21.80	21.81		
10	QPSK	25	25	21.67	21.75	21.80	21.81		
10	QPSK	50	0	21.70	21.80	21.78	21.82		
10	16QAM	1	0	21.75	21.79	21.82	21.89	22.5	0
10	16QAM	1	25	21.78	21.83	21.85	21.65		
10	16QAM	1	49	21.82	21.86	21.66	21.90		
10	16QAM	25	0	20.75	20.81	20.86	20.86	22	0.5
10	16QAM	25	12	20.77	20.89	20.89	20.89		
10	16QAM	25	25	20.81	20.85	20.89	20.93		
10	16QAM	50	0	20.75	20.88	20.90	20.91		
10	64QAM	1	0	20.68	20.77	20.80	20.84	22	0.5
10	64QAM	1	25	20.74	20.80	20.82	20.85		
10	64QAM	1	49	20.79	20.86	20.91	20.89		
10	64QAM	25	0	19.93	19.98	20.02	20.04	21	1.5
10	64QAM	25	12	19.93	20.06	20.05	20.07		
10	64QAM	25	25	19.96	20.02	20.04	20.11		
10	64QAM	50	0	19.91	20.01	20.04	20.07		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	21.47	21.58	21.59	21.65	22.5	0
5	QPSK	1	12	21.51	21.62	21.64	21.70		
5	QPSK	1	24	21.52	21.61	21.61	21.69		
5	QPSK	12	0	21.64	21.76	21.78	21.76	22.5	0
5	QPSK	12	7	21.64	21.77	21.80	21.81		
5	QPSK	12	13	21.68	21.78	21.80	21.81		
5	QPSK	25	0	21.63	21.74	21.79	21.79		
5	16QAM	1	0	21.68	21.75	21.83	21.85	22.5	0
5	16QAM	1	12	21.75	21.83	21.89	21.90		
5	16QAM	1	24	21.78	21.86	21.89	21.91		
5	16QAM	12	0	20.67	20.77	20.80	20.83	22	0.5
5	16QAM	12	7	20.69	20.79	20.85	20.85		
5	16QAM	12	13	20.73	20.82	20.84	20.87		
5	16QAM	25	0	20.75	20.86	20.88	20.92		
5	64QAM	1	0	20.72	20.78	20.82	20.85	22	0.5
5	64QAM	1	12	20.73	20.80	20.86	20.87		
5	64QAM	1	24	20.76	20.81	20.88	20.89		
5	64QAM	12	0	19.89	19.98	20.01	20.05	21	1.5
5	64QAM	12	7	19.91	20.02	20.07	20.09		
5	64QAM	12	13	19.96	20.04	20.05	20.08		
5	64QAM	25	0	19.93	20.00	20.04	20.08		

2.4GHz WLAN	Full Power & Head					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.55	20.00	100.00
		6	2437	19.01	20.50	
		11	2462	19.19	20.50	
	802.11g 6Mbps	1	2412	17.76	19.00	98.28
		2	2417	18.09	19.50	
		6	2437	18.36	20.00	
		8	2447	18.23	20.00	
		9	2452	18.01	19.50	
		10	2457	14.29	16.00	
		11	2462	14.49	16.00	
	802.11n-HT20 MCS0	1	2412	17.15	19.00	98.16
		2	2417	17.51	19.00	
		6	2437	17.72	19.50	
		8	2447	17.76	19.50	
		9	2452	17.33	19.00	
		10	2457	15.44	16.00	
		11	2462	14.10	15.00	

2.4GHz WLAN	Sensor & Hotspot						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.27	18.00	18.00	100.00
		6	2437	17.48	18.00	18.00	
		11	2462	17.82	18.00	18.00	
	802.11g 6Mbps	1	2412	Not Required	18.00	Not Required	98.28
		2	2417		18.00		
		6	2437		18.00		
		8	2447		18.00		
		9	2452		18.00		
		10	2457		16.00		
		11	2462		16.00		
	802.11n-HT20 MCS0	1	2412		18.00		98.16
		2	2417		18.00		
		6	2437		18.00		
		8	2447		18.00		
		9	2452		18.00		
		10	2457		16.00		
		11	2462		15.00		

5GHz WLAN	Full Power & Head					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.08	19.50	98.34
		40	5200	18.05	19.50	
		44	5220	17.82	19.50	
		48	5240	17.40	19.00	
	802.11n-HT20 MCS0	36	5180	18.19	19.50	98.23
		40	5200	18.16	19.50	
		44	5220	17.90	19.50	
		48	5240	17.57	19.50	
	802.11n-HT40 MCS0	38	5190	15.13	16.00	96.47
		46	5230	16.58	18.50	
	802.11ac-VHT20 MCS0	36	5180	15.90	17.50	98.24
		40	5200	15.97	17.50	
		44	5220	15.70	17.50	
		48	5240	15.17	16.00	
	802.11ac-VHT40 MCS0	38	5190	14.94	16.00	96.48
		46	5230	15.44	16.00	
	802.11ac-VHT80 MCS0	42	5210	13.10	14.00	93.06

5GHz WLAN	Sensor & Hotspot						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.32	17.00	16.50	98.34
		40	5200	16.29	17.00	16.50	
		44	5220	16.25	17.00	16.50	
		48	5240	16.08	17.00	16.50	
	802.11n-HT20 MCS0	36	5180	Not Required	17.00	Not Required	98.23
		40	5200		17.00		
		44	5220		17.00		
		48	5240		17.00		
	802.11n-HT40 MCS0	38	5190		16.00		96.47
		46	5230		16.50		
	802.11ac-VHT20 MCS0	36	5180		17.00		98.24
		40	5200		17.00		
		44	5220		17.00		
		48	5240		16.00		
	802.11ac-VHT40 MCS0	38	5190		16.00		96.48
		46	5230		16.00		
	802.11ac-VHT80 MCS0	42	5210		14.00		93.06

5GHz WLAN	Full Power & Head					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.68	19.50	98.34
		56	5280	17.95	19.50	
		60	5300	18.02	19.50	
		64	5320	17.78	19.50	
	802.11n-HT20 MCS0	52	5260	18.01	19.50	98.23
		56	5280	17.95	19.50	
		60	5300	17.99	19.50	
		64	5320	17.87	19.50	
	802.11n-HT40 MCS0	54	5270	16.77	18.50	96.47
		62	5310	16.89	18.50	
	802.11ac-VHT20 MCS0	52	5260	15.40	16.50	98.24
		56	5280	15.90	17.50	
		60	5300	15.96	17.50	
		64	5320	15.56	17.50	
	802.11ac-VHT40 MCS0	54	5270	15.92	17.50	96.48
		62	5310	16.07	17.50	
	802.11ac-VHT80 MCS0	58	5290	15.07	16.50	93.06

5GHz WLAN	Sensor						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.20	17.00	16.50	98.34
		56	5280	16.34	17.00	16.50	
		60	5300	16.43	17.00	16.50	
		64	5320	16.28	17.00	16.50	
	802.11n-HT20 MCS0	52	5260	Not Required	17.00	Not Required	98.23
		56	5280		17.00		
		60	5300		17.00		
		64	5320		17.00		
	802.11n-HT40 MCS0	54	5270		16.50		96.47
		62	5310		16.50		
	802.11ac-VHT20 MCS0	52	5260		16.50		98.24
		56	5280		17.00		
		60	5300		17.00		
		64	5320		17.00		
	802.11ac-VHT40 MCS0	54	5270		16.50		96.48
		62	5310		16.50		
	802.11ac-VHT80 MCS0	58	5290		16.50		93.06

5GHz WLAN	Full Power & Head					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.10	19.50	98.34
		116	5580	18.16	19.50	
		124	5620	18.10	19.50	
		132	5660	18.20	19.50	
		140	5700	18.15	19.50	
	802.11n-HT20 MCS0	100	5500	17.83	19.50	98.23
		116	5580	18.09	19.50	
		124	5620	18.13	19.50	
		132	5660	18.17	19.50	
		140	5700	18.15	19.50	
	802.11n-HT40 MCS0	102	5510	16.87	18.50	96.47
		110	5550	16.99	18.50	
		126	5630	17.08	18.50	
		134	5670	17.11	18.50	
	802.11ac-VHT20 MCS0	100	5500	15.40	16.50	98.24
		116	5580	15.99	17.50	
		124	5620	16.04	17.50	
		132	5660	16.11	17.50	
		140	5700	16.05	17.50	
	802.11ac-VHT40 MCS0	102	5510	15.49	16.50	96.48
		110	5550	15.67	17.50	
		126	5630	15.97	17.50	
		134	5670	16.01	17.50	
	802.11ac-VHT80 MCS0	106	5530	13.83	15.00	93.06
		122	5610	16.04	17.50	

5GHz WLAN	Sensor						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.27	16.00	16.00	98.34
		116	5580	15.31	16.00	16.00	
		124	5620	15.32	16.00	16.00	
		132	5660	15.38	16.00	16.00	
		140	5700	15.29	16.00	16.00	
	802.11n-HT20 MCS0	100	5500	Not Required	16.00	Not Required	98.23
		116	5580		16.00		
		124	5620		16.00		
		132	5660		16.00		
		140	5700		16.00		
	802.11n-HT40 MCS0	102	5510		15.50		96.47
		110	5550		15.50		
		126	5630		15.50		
		134	5670		15.50		
	802.11ac-VHT20 MCS0	100	5500		16.00		98.24
		116	5580		16.00		
		124	5620		16.00		
		132	5660		16.00		
		140	5700		16.00		
	802.11ac-VHT40 MCS0	102	5510		15.50		96.48
		110	5550		15.50		
		126	5630		15.50		
		134	5670		15.50		
	802.11ac-VHT80 MCS0	106	5530		15.00		93.06
		122	5610		15.50		

5GHz WLAN	Full Power & Head					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.73	19.50	98.34
		157	5785	17.79	19.50	
		165	5825	17.92	19.50	
	802.11n-HT20 MCS0	149	5745	17.80	19.50	98.23
		157	5785	17.87	19.50	
		165	5825	18.14	19.50	
	802.11n-HT40 MCS0	151	5755	16.99	18.50	96.47
		159	5795	17.04	18.50	
	802.11ac-VHT20 MCS0	149	5745	15.62	17.50	98.24
		157	5785	15.59	17.50	
		165	5825	16.03	17.50	
	802.11ac-VHT40 MCS0	151	5755	15.85	17.50	96.48
		159	5795	15.87	17.50	
	802.11ac-VHT80 MCS0	155	5775	16.15	17.50	93.06

5GHz WLAN	Sensor & Hotspot						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.15	16.00	16.00	98.34
		157	5785	15.17	16.00	16.00	
		165	5825	15.21	16.00	16.00	
	802.11n-HT20 MCS0	149	5745	Not Required	16.00	Not Required	98.23
		157	5785		16.00		
		165	5825		16.00		
	802.11n-HT40 MCS0	151	5755		15.50		96.47
		159	5795		15.50		
	802.11ac-VHT20 MCS0	149	5745		16.00		98.24
		157	5785		16.00		
		165	5825		16.00		
	802.11ac-VHT40 MCS0	151	5755		15.50		96.48
		159	5795		15.50		
	802.11ac-VHT80 MCS0	155	5775		15.50		93.06

Bluetooth BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.88	8.85	8.76
	CH 39	2441	10.02	7.13	7.32
	CH 78	2480	11.04	9.16	8.94
Tune-up Limit			12		

Bluetooth LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	4.25
	CH 19	2440	3.38
	CH 39	2480	6.11
Tune-up Limit			8

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Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	4.62
	CH 19	2440	3.83
	CH 39	2480	6.36
Tune-up Limit			8.00