

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	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	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	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	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	5.73	± 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	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	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	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	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	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	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	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %

10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	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, 3CTRL)	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)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	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)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)	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 dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	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	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	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	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	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 dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAC	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 Sub)	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, Clipping 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	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	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	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	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power Mode

GSM850 Ant0 Default									
QSM850 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	128	189	251		128	189	251		
GSM 1 Tx slot	32.13	32.17	32.07	33.50	23.13	23.17	23.07	24.50	
GPRS 1 Tx slots	32.11	32.15	32.06	33.50	23.11	23.15	23.06	24.50	
GPRS 2 Tx slots	31.09	31.14	31.04	32.50	25.09	25.14	25.04	26.50	
GPRS 3 Tx slots	29.08	29.13	29.05	30.50	24.82	24.87	24.79	26.24	
GPRS 4 Tx slots	28.13	28.16	28.11	29.50	25.13	25.16	25.11	26.50	
EDGE 1 Tx slot	27.36	27.33	27.19	28.50	18.36	18.33	18.19	19.50	
EDGE 2 Tx slots	26.45	26.36	26.05	27.50	20.45	20.36	20.05	21.50	
EDGE 3 Tx slots	24.45	24.13	24.07	25.50	20.19	19.87	19.81	21.24	
EDGE 4 Tx slots	22.78	22.77	22.75	24.00	19.78	19.77	19.75	21.00	

GSM1900 Ant0 Default									
GSM1900 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	512	661	810		512	661	810		
GSM 1 Tx slot	29.20	29.44	29.40	30.50	20.20	20.44	20.40	21.50	
GPRS 1 Tx slot	29.18	29.38	29.36	30.50	20.18	20.38	20.38	21.50	
GPRS 2 Tx slots	28.16	28.42	28.33	29.50	22.16	22.42	22.33	23.50	
GPRS 3 Tx slots	26.15	26.38	26.34	27.50	21.89	22.12	22.08	23.24	
GPRS 4 Tx slots	25.35	25.43	25.39	26.50	22.35	22.43	22.39	23.50	
EDGE 1 Tx slot	25.93	25.83	25.95	27.00	16.93	16.83	16.95	18.00	
EDGE 2 Tx slots	24.89	24.68	24.92	26.00	18.89	18.68	18.92	20.00	
EDGE 3 Tx slots	22.62	22.44	22.71	24.00	18.36	18.18	18.45	19.74	
EDGE 4 Tx slots	21.35	21.31	21.41	22.50	18.35	18.31	18.41	19.50	

Band	WCDMA II Ant0 Default			Tune-up Limit (dBm)	WCDMA IV Ant0 Default			Tune-up Limit (dBm)	WCDMA V Ant0 Default			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1932.4	1938	1947.5		1912.4	1923.3	1929.3		325.4	339.4	346.5		
3GPP Rel 99	AMR 12.2Kbps	22.89	23.05	23.00	24.00	22.75	22.82	22.81	24.00	22.81	22.86	22.84	24.00
3GPP Rel 99	RM-C 12.2Kbps	22.90	23.07	23.01	24.00	22.77	22.84	22.83	24.00	22.83	22.88	22.86	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.80	23.00	21.82	21.89	21.60	23.00	21.83	21.90	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	21.72	21.92	21.63	23.00	21.51	21.67	21.54	23.00	21.61	21.62	21.52	23.00
3GPP Rel 6	HSDPA Subtest-3	21.14	21.25	21.17	22.50	21.09	21.15	21.03	22.50	20.94	20.97	21.08	22.50
3GPP Rel 6	HSDPA Subtest-4	21.23	21.22	21.32	22.50	20.95	21.09	21.11	22.50	21.06	21.04	21.04	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.79	21.96	21.80	23.00	21.62	21.74	21.53	23.00	21.63	21.71	21.64	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.68	21.84	21.67	23.00	21.35	21.43	21.43	23.00	21.36	21.43	21.51	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.09	21.34	20.93	22.50	20.82	20.95	20.77	22.50	20.84	20.99	20.79	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.03	21.17	21.10	22.50	20.88	21.05	20.96	22.50	20.83	21.02	20.98	22.50
3GPP Rel 6	HSUPA Subtest-1	22.02	22.08	21.73	23.00	21.73	21.73	21.60	23.00	21.78	21.87	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.04	20.05	21.00	19.84	19.86	19.97	21.00	19.70	19.93	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	21.02	20.99	20.89	22.00	20.84	20.85	20.66	22.00	20.81	20.80	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	19.58	19.77	19.61	21.00	19.66	19.64	19.59	21.00	19.58	19.66	19.50	21.00
3GPP Rel 6	HSUPA Subtest-5	21.70	21.79	21.73	23.00	21.48	21.54	21.68	23.00	21.48	21.53	21.55	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.41	19.40	19.60	20.50	19.17	19.25	19.35	20.50	19.17	19.20	19.35	20.50



Band 2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	18700	18900	19100			
20	QPSK	1	49	2211	2219	2223	24	0	
20	QPSK	1	99	2227	2223	2223			
20	QPSK	50	0	2136	2138	2125			
20	QPSK	50	24	2116	2125	2119	23	1	
20	QPSK	50	50	2136	2131	2131			
20	QPSK	100	0	2125	2135	2120			
20	16QAM	1	0	2134	2133	2141			
20	16QAM	1	49	2126	2134	2136	23	1	
20	16QAM	1	99	2132	2126	2135			
20	16QAM	50	0	2036	2037	2038			
20	16QAM	50	24	2020	2025	2021			
20	16QAM	50	50	2030	2031	2031			
20	16QAM	100	0	2028	2029	2029	22	2	
20	16QAM	1	0	2044	2036	2031			
20	16QAM	1	49	2015	2022	2032	22	2	
20	16QAM	1	99	2022	2021	2020			
20	16QAM	50	0	2122	2132	2132			
20	16QAM	50	24	1921	1928	1937			
20	16QAM	50	50	1926	1936	1938			
20	16QAM	100	0	1937	1933	1934	21	3	
Channel									
Frequency (MHz)									
15	QPSK	1	0	2209	2222	2201			
15	QPSK	1	37	2207	2201	2221	24	0	
15	QPSK	1	74	2213	2225	2202			
15	QPSK	36	0	2124	2134	2120			
15	QPSK	36	20	2114	2122	2101	23	1	
15	QPSK	36	39	2118	2113	2118			
15	QPSK	75	0	2127	2119	2114			
15	16QAM	1	0	2117	2127	2123			
15	16QAM	1	37	2112	2120	2137	23	1	
15	16QAM	1	74	2130	2108	2118			
15	16QAM	36	0	2014	2022	2035			
15	16QAM	36	20	2012	2016	2016	22	2	
15	16QAM	36	39	2008	2011	2028			
15	16QAM	75	0	2025	2026	2025			
15	16QAM	1	0	2045	2027	2023			
15	16QAM	1	37	2005	2006	2013	22	2	
15	16QAM	1	74	2009	2003	2021			
15	16QAM	36	0	1926	1921	1916			
15	16QAM	36	20	1904	1917	1927	21	3	
15	16QAM	36	39	1925	1912	1925			
15	16QAM	75	0	1924	1912	1920			
Channel									
Frequency (MHz)									
10	QPSK	1	0	2212	2221	2207			
10	QPSK	1	25	2209	2213	2219	24	0	
10	QPSK	1	49	2215	2221	2210			
10	QPSK	25	0	2121	2136	2106			
10	QPSK	25	12	2107	2104	2104	23	1	
10	QPSK	25	25	2121	2133	2121			
10	QPSK	50	0	2119	2125	2121			
10	16QAM	1	0	2132	2112	2134			
10	16QAM	1	25	2121	2129	2119	23	1	
10	16QAM	1	49	2113	2127	2123			
10	16QAM	25	0	2022	2037	2030			
10	16QAM	25	12	2009	2003	2021	22	2	
10	16QAM	25	25	2022	2033	2018			
10	16QAM	50	0	2026	2028	2019			
10	16QAM	50	1	2036	2015	2013	22	2	
10	16QAM	50	15	2015	2015	2025			
10	16QAM	50	49	2019	2011	2010			
10	16QAM	25	0	1914	1922	1931			
10	16QAM	25	12	1906	1908	1929	21	3	
10	16QAM	25	25	1909	1930	1929			
10	16QAM	50	0	1934	1917	1931			
Channel									
Frequency (MHz)									
5	QPSK	1	0	2210	2223	2207			
5	QPSK	1	12	2209	2212	2219	24	0	
5	QPSK	1	24	2214	2223	2214			
5	QPSK	12	0	2117	2135	2109			
5	QPSK	12	7	2103	2122	2117	23	1	
5	QPSK	12	13	2118	2132	2122			
5	QPSK	25	0	2111	2122	2120			
5	16QAM	1	0	2131	2119	2121			
5	16QAM	1	12	2109	2116	2135	23	1	
5	16QAM	1	24	2129	2128	2121			
5	16QAM	12	0	2026	2039	2039	22	2	
5	16QAM	12	7	2013	2011	2003			
5	16QAM	12	13	2013	2010	2025			
5	16QAM	25	0	2020	2027	2016			
5	16QAM	25	1	2038	2034	2033			
5	16QAM	25	12	2007	2009	2028	22	2	
5	16QAM	25	24	2013	2014	2023			
5	16QAM	50	0	1933	1933	1922			
5	16QAM	50	7	1927	1929	1926	21	3	
5	16QAM	50	12	1923	1930	1931			
5	16QAM	25	0	1934	1932	1917			
Channel									
Frequency (MHz)									
3	QPSK	1	0	2206	2226	2202			
3	QPSK	1	8	2204	2208	2225	24	0	
3	QPSK	1	14	2220	2215	2218			
3	QPSK	8	0	2136	2123	2126			
3	QPSK	8	4	2103	2108	2121	23	1	
3	QPSK	8	7	2130	2138	2121			
3	QPSK	15	0	2109	2126	2124			
3	16QAM	1	0	2126	2134	2132			
3	16QAM	1	8	2110	2113	2114	23	1	
3	16QAM	1	14	2117	2123	2134			
3	16QAM	8	0	2033	2034	2017			
3	16QAM	8	4	2008	2010	2010	22	2	
3	16QAM	8	7	2022	2024	2021			
3	16QAM	15	0	2015	2025	2018			
3	16QAM	1	0	2026	2030	2022			
3	16QAM	1	8	2016	2005	2027	22	2	
3	16QAM	1	14	2007	2008	2009			
3	16QAM	8	0	1931	1925	1914			
3	16QAM	8	4	1920	1921	1929	21	3	
3	16QAM	8	7	1920	1933	1936			
3	16QAM	15	0	1922	1917	1913			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	2219	2220	2208			
1.4	QPSK	1	3	2218	2220	2220	24	0	
1.4	QPSK	1	5	2219	2216	2220			
1.4	QPSK	3	0	2221	2217	2217			
1.4	QPSK	3	1	2203	2208	2222			
1.4	QPSK	3	3	2220	2217	2213			
1.4	QPSK	6	0	2130	2116	2134	23	1	
1.4	16QAM	1	0	2107	2119	2119			
1.4	16QAM	1	3	2109	2135	2117			
1.4	16QAM	1	5	2103	2131	2124	23	1	
1.4	16QAM	3	0	2130	2138	2122			
1.4	16QAM	3	1	2112	2114	2110			
1.4	16QAM	3	3	2122	2115	2131			
1.4	16QAM	6	0	2027	2030	2011	22	2	
1.4	16QAM	1	0	2001	2018	2010			
1.4	16QAM	1	3	2020	2025	2012			
1.4	16QAM	1	5	2010	2028	2026	22	2	
1.4	16QAM	3	0	2020	2027	2013			
1.4	16QAM	3	1	2019	2023	2018			
1.4	16QAM	3	3	2008	2016	2006			
1.4	16QAM	6	0	1930	1924	1912	21	3	

Band 4 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	20650	20750	20300			
20	QPSK	1	49	2215	2218	2218	24	0	
20	QPSK	1	99	2217	2213	2220			
20	QPSK	50	0	2129	2135	2126			
20	QPSK	50	24	2117	2118	2113	23	1	
20	QPSK	50	50	2123	2122	2125			
20	QPSK	100	0	2127	2133	2120			
20	16QAM	1	0	2127	2130	2149			
20	16QAM	1	49	2125	2126	2139	23	1	
20	16QAM	1	99	2142	2117	2128			
20	16QAM	50	0	2028	2				



Band 12 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	22.35	22.39	22.32	24	0		
10	QPSK	1	25	22.21	22.29	22.13				
10	QPSK	1	49	22.23	22.27	22.30				
10	QPSK	25	0	21.43	21.47	21.40	23	1		
10	QPSK	25	12	21.39	21.39	21.42				
10	QPSK	25	25	21.43	21.35	21.44				
10	QPSK	50	0	21.35	21.43	21.41	23	1		
10	16QAM	1	0	21.43	21.32	21.39				
10	16QAM	1	25	21.37	21.35	21.42				
10	16QAM	1	49	21.30	21.33	21.45	22	2		
10	16QAM	25	0	20.51	20.62	20.61				
10	16QAM	25	12	20.40	20.46	20.37				
10	16QAM	25	25	20.54	20.54	20.38	22	2		
10	16QAM	50	0	20.39	20.34	20.37				
10	16QAM	1	0	20.61	20.42	20.53				
10	64QAM	1	25	20.26	20.41	20.47	22	2		
10	64QAM	1	49	20.38	20.31	20.31				
10	64QAM	25	0	19.44	19.55	19.37				
10	64QAM	25	12	19.42	19.39	19.50	21	3		
10	64QAM	25	25	19.49	19.57	19.59				
10	64QAM	50	0	19.50	19.40	19.66				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	22.18	22.34	22.31	24	0		
5	QPSK	1	12	22.17	22.23	22.07				
5	QPSK	1	24	22.07	22.15	22.23				
5	QPSK	12	0	21.41	21.38	21.23	23	1		
5	QPSK	12	7	21.24	21.33	21.32				
5	QPSK	12	13	21.36	21.15	21.30				
5	QPSK	25	0	21.25	21.31	21.31	23	1		
5	16QAM	1	0	21.24	21.30	21.20				
5	16QAM	1	12	21.29	21.32	21.41				
5	16QAM	1	24	21.15	21.18	21.30	22	2		
5	16QAM	12	0	20.40	20.44	20.51				
5	16QAM	12	7	20.38	20.41	20.27				
5	16QAM	12	13	20.43	20.40	20.25	22	2		
5	16QAM	25	0	20.31	20.33	20.18				
5	64QAM	1	0	20.59	20.26	20.46				
5	64QAM	1	12	20.25	20.34	20.28	22	2		
5	64QAM	1	24	20.20	20.24	20.25				
5	64QAM	12	0	19.41	19.40	19.35				
5	64QAM	12	7	19.36	19.33	19.37	21	3		
5	64QAM	12	13	19.36	19.38	19.29				
5	64QAM	25	0	19.46	19.33	19.38				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	22.34	22.25	22.14	24	0		
3	QPSK	1	8	22.16	22.11	22.00				
3	QPSK	1	14	22.19	22.27	22.24				
3	QPSK	8	0	21.42	21.34	21.34	23	1		
3	QPSK	8	4	21.37	21.21	21.23				
3	QPSK	15	0	21.16	21.42	21.24				
3	16QAM	1	0	21.31	21.17	21.33	23	1		
3	16QAM	1	8	21.18	21.35	21.41				
3	16QAM	1	14	21.22	21.32	21.34				
3	16QAM	8	0	20.48	20.52	20.81	22	2		
3	16QAM	8	4	20.24	20.43	20.26				
3	16QAM	8	7	20.39	20.45	20.24				
3	16QAM	15	0	20.28	20.30	20.19	22	2		
3	64QAM	1	0	20.46	20.26	20.51				
3	64QAM	1	8	20.08	20.24	20.36				
3	64QAM	1	14	20.18	20.13	20.27	21	3		
3	64QAM	8	0	19.29	19.35	19.36				
3	64QAM	8	4	19.35	19.34	19.44				
3	64QAM	8	7	19.47	19.56	19.42	21	3		
3	64QAM	15	0	19.31	19.27	19.47				
Channel				23017	23095	23173			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	22.18	22.29	22.23	24	0		
1.4	QPSK	1	3	22.11	22.09	22.01				
1.4	QPSK	1	5	22.11	22.26	22.26				
1.4	QPSK	3	0	22.31	22.32	22.13	23	1		
1.4	QPSK	3	1	22.21	22.11	22.06				
1.4	QPSK	3	3	22.20	22.09	22.18				
1.4	QPSK	6	0	21.43	21.42	21.31	23	1		
1.4	16QAM	1	0	21.36	21.19	21.23				
1.4	16QAM	1	3	21.36	21.33	21.31				
1.4	16QAM	1	5	21.26	21.25	21.34	22	2		
1.4	16QAM	3	0	21.40	21.12	21.27				
1.4	16QAM	3	1	21.34	21.35	21.24				
1.4	16QAM	3	3	21.29	21.20	21.36	22	2		
1.4	16QAM	6	0	20.45	20.57	20.56				
1.4	64QAM	1	0	20.24	20.37	20.21				
1.4	64QAM	1	3	20.54	20.43	20.38	22	2		
1.4	64QAM	1	5	20.34	20.33	20.29				
1.4	64QAM	3	0	20.59	20.23	20.47				
1.4	64QAM	3	3	20.10	20.25	20.32	21	3		
1.4	64QAM	3	3	20.26	20.20	20.25				
1.4	64QAM	6	0	19.25	19.45	19.25				

Band 13 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23260	23230					
Frequency (MHz)				792	793					
10	QPSK	1	0		22.21		24	0		
10	QPSK	1	25		22.20					
10	QPSK	1	49		22.17					
10	QPSK	25	0		21.38		23	1		
10	QPSK	25	12		21.30					
10	QPSK	25	25		21.28					
10	QPSK	50	0		21.34		23	1		
10	16QAM	1	0		21.36					
10	16QAM	1	25		21.23					
10	16QAM	1	49		21.23		22	2		
10	16QAM	25	0		20.27					
10	16QAM	25	12		20.36					
10	16QAM	25	25		20.27		22	2		
10	16QAM	50	0		20.29					
10	64QAM	1	0		20.29					
10	64QAM	1	25		20.26		22	2		
10	64QAM	1	49		20.16					
10	64QAM	25	0		19.49					
10	64QAM	25	12		19.23		21	3		
10	64QAM	25	25		19.25					
10	64QAM	50	0		19.30					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				779.5	782	784.5				
5	QPSK	1	0	22.17	22.07	22.22	24	0		
5	QPSK	1	12	22.14	22.14	22.03				
5	QPSK	1	24	22.15	22.17	22.04				
5	QPSK	12	0	21.32	21.29	21.25	23	1		
5	QPSK	12	7	21.37	21.14	21.16				
5	QPSK	12	13	21.08	21.18	21.18				
5	QPSK	25	0	21.20	21.16	21.19	23	1		
5	16QAM	1	0	21.22	21.16	21.31				
5	16QAM	1	12	21.10	21.16	21.22				
5	16QAM	1	24	21.14	21.15	21.30	22	2		
5	16QAM	12	0	20.13	20.24	20.19				
5	16QAM	12	7	20.27	20.29	20.30				
5	16QAM	12	13	20.03	20.24	20.19	22	2		
5	16QAM	25	0	20.12	20.28	20.30				
5	64QAM	1	0	20.24	20.10	20.18				
5	64QAM	1	12	20.15	20.14	20.10	22	2		
5	64QAM	1	24	20.05	20.07	20.06				
5	64QAM	12	0	19.33	19.47	19.28				
5	64QAM	12	7	19.27	19.03	19.22	21	3		
5	64QAM	12	13	19.29	19.22	19.11				
5	64QAM	25	0	19.16	19.26	19.23				

Band 14 Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23350	23350					
Frequency (MHz)				793	793.5					
10	QPSK	1	0		22.23		24	0		
10	QPSK	1	25		22.14					
10	QPSK	1	49		22.18					
10	QPSK	25	0		21.29		23	1		
10	QPSK	25	12		21.20					
10	QPSK	25	25		21.25					
10	QPSK	50	0		21.23		23	1		
10	16QAM	1	0		21.22					
10	16QAM	1	25		21.21					
10	16QAM	1	49		21.12		22	2		
10	16QAM	25	0		20.21					
10	16QAM	25	12		20.45					
10	16QAM	25	25		20.20		22	2		
10	16QAM	50	0		20.41					
10	64QAM	1	0		20.23					
10	64QAM	1	25		20.17		22	2		
10	64QAM	1	49		20.16					
10	64QAM	25	0		19.49					
10	64QAM	25	12		19.16		21	3		
10	64QAM	25	25		19.21					
10	64QAM	50	0		19.24					
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				790.5	793	795.5				
5	QPSK	1	0	20.28	20.34	20.16	24	0		
5	QPSK	1	12	22.04	22.00	22.05				
5	QPSK	1	24	22.08	22.10	22.11				
5	QPSK	12	0	21.33	21.12	21.16	23	1		
5	QPSK	12	7	21.20	21.07	21.04				
5	QPSK	12	13	21.15	21.20	21.29				
5	QPSK	25	0	21.11	21.15	21.11	23	1		
5	16QAM	1	0	19.32	19.44	19.28				
5	16QAM	1	12	21.22	21.05	21.03				
5	16QAM	1	24							



Band 17 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.31	22.34	22.29			
10	QPSK	1	25	22.29	22.25	22.31	24	0	
10	QPSK	1	49	22.30	22.23	22.32			
10	QPSK	25	0	21.37	21.46	21.43			
10	QPSK	25	12	21.20	21.27	21.20	23	1	
10	QPSK	25	25	21.34	21.38	21.33			
10	QPSK	50	0	21.26	21.42	21.39			
10	16QAM	1	0	21.49	21.41	21.56			
10	16QAM	1	49	21.49	21.41	21.54	23	1	
10	16QAM	1	49	21.49	21.41	21.38			
10	16QAM	25	0	20.38	20.49	20.40			
10	16QAM	25	12	20.31	20.28	20.21	22	2	
10	16QAM	25	25	20.38	20.45	20.38			
10	16QAM	50	0	20.43	20.38	20.40			
10	64QAM	1	0	20.52	20.44	20.42			
10	64QAM	1	25	20.30	20.23	20.40	22	2	
10	64QAM	1	49	20.41	20.33	20.29			
10	64QAM	25	0	19.44	19.41	19.32			
10	64QAM	25	12	19.26	19.31	19.44			
10	64QAM	25	25	19.36	19.43	19.55	21	3	
10	64QAM	50	0	19.44	19.34	19.47			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.19	22.22	22.21			
5	QPSK	1	12	22.24	22.18	22.11	24	0	
5	QPSK	1	24	22.26	22.06	22.30			
5	QPSK	12	0	21.30	21.16	21.26			
5	QPSK	12	7	21.04	21.16	21.11	23	1	
5	QPSK	12	13	21.23	21.33	21.18			
5	QPSK	25	0	21.19	21.28	21.24			
5	16QAM	1	0	21.41	21.34	21.45			
5	16QAM	1	12	21.24	21.18	21.36	23	1	
5	16QAM	1	24	21.42	21.36	21.31			
5	16QAM	12	0	20.30	20.42	20.32			
5	16QAM	12	7	20.22	20.23	20.20	22	2	
5	16QAM	12	13	20.30	20.39	20.32			
5	16QAM	25	0	20.39	20.27	20.28			
5	64QAM	1	0	20.50	20.41	20.23			
5	64QAM	1	12	20.11	20.19	20.22	22	2	
5	64QAM	1	24	20.40	20.28	20.10			
5	64QAM	12	0	19.27	19.37	19.16			
5	64QAM	12	7	19.14	19.18	19.35	21	3	
5	64QAM	12	13	19.34	19.38	19.42			
5	64QAM	25	0	19.26	19.27	19.37			

Band 25 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.14	22.23	22.23			
20	QPSK	1	49	22.16	22.29	22.19	24	0	
20	QPSK	1	99	22.26	22.29	22.27			
20	QPSK	50	0	21.33	21.43	21.24			
20	QPSK	50	24	21.20	21.30	21.10	23	1	
20	QPSK	50	50	21.27	21.29	21.30			
20	QPSK	100	0	21.22	21.30	21.29			
20	16QAM	1	0	21.39	21.38	21.48			
20	16QAM	1	49	21.34	21.41	21.35	23	1	
20	16QAM	1	99	21.40	21.19	21.45			
20	16QAM	50	0	20.38	20.45	20.43			
20	16QAM	50	24	20.11	20.32	20.22	22	2	
20	16QAM	50	50	20.28	20.26	20.25			
20	16QAM	100	0	20.24	20.32	20.26			
20	64QAM	1	0	20.38	20.29	20.28			
20	64QAM	1	49	20.12	20.25	20.23	22	2	
20	64QAM	1	99	20.28	20.23	20.29			
20	64QAM	50	0	19.24	19.39	19.31			
20	64QAM	50	24	19.28	19.19	19.44			
20	64QAM	50	50	19.27	19.40	19.30	21	3	
20	64QAM	100	0	19.32	19.38	19.31			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.01	22.21	22.03			
15	QPSK	1	37	22.09	22.23	22.15	24	0	
15	QPSK	1	74	22.13	22.12	22.27			
15	QPSK	36	0	21.31	21.30	21.16			
15	QPSK	36	20	21.19	21.19	21.31	23	1	
15	QPSK	36	39	21.18	21.23	21.20			
15	QPSK	75	0	21.18	21.26	21.15			
15	16QAM	1	0	21.23	21.26	21.46			
15	16QAM	1	37	21.22	21.39	21.33	23	1	
15	16QAM	1	74	21.23	21.09	21.35			
15	16QAM	36	0	20.29	20.27	20.40			
15	16QAM	36	20	20.30	20.30	20.16	22	2	
15	16QAM	36	39	20.21	20.08	20.25			
15	16QAM	75	0	20.06	20.14	20.07			
15	64QAM	1	0	20.23	20.28	20.14			
15	64QAM	1	37	20.07	20.12	20.21	22	2	
15	64QAM	1	74	20.18	20.16	20.21			
15	64QAM	36	0	19.21	19.35	19.23			
15	64QAM	36	20	19.21	19.33	19.34	21	3	
15	64QAM	36	39	19.23	19.24	19.30			
15	64QAM	75	0	19.18	19.28	19.17			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.04	22.29	22.11			
10	QPSK	1	25	22.02	22.19	22.12	24	0	
10	QPSK	1	49	22.13	22.10	22.07			
10	QPSK	25	0	21.26	21.27	21.19			
10	QPSK	25	12	21.15	21.26	21.05	23	1	
10	QPSK	25	25	21.27	21.15	21.18			
10	QPSK	50	0	21.06	21.13	21.18			
10	16QAM	1	0	21.38	21.32	21.41			
10	16QAM	1	25	21.25	21.40	21.33	23	1	
10	16QAM	1	49	21.24	21.16	21.34			
10	16QAM	25	0	20.32	20.32	20.28			
10	16QAM	25	12	20.08	20.25	20.10	22	2	
10	16QAM	25	25	20.23	20.16	20.19			
10	16QAM	50	0	20.16	20.22	20.07			
10	64QAM	1	0	20.22	20.12	20.26	22	2	
10	64QAM	1	25	20.10	20.13	20.20			
10	64QAM	1	49	20.13	20.07	20.11			
10	64QAM	25	0	19.23	19.21	19.12			
10	64QAM	25	12	19.19	19.16	19.25	21	3	
10	64QAM	25	25	19.17	19.34	19.11			
10	64QAM	50	0	19.23	19.25	19.27			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.12	22.31	22.06			
5	QPSK	1	12	22.23	22.15	22.07	24	0	
5	QPSK	1	24	22.06	22.22	22.14			
5	QPSK	12	0	21.20	21.39	21.15			
5	QPSK	12	7	21.09	21.29	21.06	23	1	
5	QPSK	12	13	21.11	21.10	21.23			
5	16QAM	1	0	21.31	21.32	21.42			
5	16QAM	1	12	21.23	21.25	21.29	23	1	
5	16QAM	1	24	21.34	21.31	21.40			
5	16QAM	12	0	20.24	20.31	20.35			
5	16QAM	12	7	20.04	20.25	20.13	22	2	
5	16QAM	12	13	20.23	20.11	20.05			
5	16QAM	25	0	20.14	20.29	20.20			
5	64QAM	1	0	20.26	20.11	20.18			
5	64QAM	1	12	20.01	20.17	20.07	22	2	
5	64QAM	1	24	20.21	20.12	20.22			
5	64QAM	12	0	19.09	19.22	19.27			
5	64QAM	12	7	19.27	19.10	19.26	21	3	
5	64QAM	12	13	19.12	19.29	19.23			
5	64QAM	25	0	19.24	19.32	19.13			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.06	22.24	22.06			
3	QPSK	1	8	22.17	22.29	22.07	24	0	
3	QPSK	1	14	22.12	22.12	22.21			
3	QPSK	8	0	21.21	21.27	21.21			
3	QPSK	8	4	21.19	21.22	21.03	23	1	
3	QPSK	8	7	21.17	21.27	21.20			
3	QPSK	15	0	21.13	21.13	21.14			
3	16QAM								



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.20	22.25	22.18	24	0		
20	QPSK	1	49	22.12	22.14	22.13				
20	QPSK	1	99	22.17	22.16	22.14				
20	QPSK	50	0	21.30	21.39	21.11				
20	QPSK	50	24	21.29	21.32	21.11	23	1		
20	QPSK	50	50	21.34	21.23	21.18				
20	QPSK	100	0	21.31	21.35	21.32				
20	16QAM	1	0	21.42	21.39	21.23				
20	16QAM	1	49	21.31	21.35	21.12	23	1		
20	16QAM	1	99	21.29	21.20	21.28				
20	16QAM	50	0	20.27	20.37	20.31				
20	16QAM	50	24	20.25	20.31	20.13				
20	16QAM	50	50	20.39	20.38	20.22	22	2		
20	16QAM	100	0	20.18	20.20	20.18				
20	64QAM	1	0	20.39	20.40	20.10				
20	64QAM	1	49	20.24	20.16	20.21				
20	64QAM	1	99	20.19	20.29	20.28	22	2		
20	64QAM	50	0	19.39	19.41	19.22				
20	64QAM	50	24	19.23	19.32	19.17				
20	64QAM	50	50	19.34	19.29	19.28				
20	64QAM	100	0	19.41	19.31	19.38	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.21	22.14	22.10			24	0
15	QPSK	1	37	22.14	22.14	22.18				
15	QPSK	1	74	22.10	22.13	22.16				
15	QPSK	36	0	21.30	21.21	21.10				
15	QPSK	36	20	21.10	21.13	21.13	23	1		
15	QPSK	36	39	21.20	21.11	21.21				
15	QPSK	75	0	21.20	21.29	21.28				
15	16QAM	1	0	21.25	21.29	21.19				
15	16QAM	1	37	21.14	21.30	21.13	23	1		
15	16QAM	1	74	21.12	21.16	21.26				
15	16QAM	36	0	20.25	20.29	20.38				
15	16QAM	36	20	20.16	20.39	20.10				
15	16QAM	36	39	20.23	20.41	20.35	22	2		
15	16QAM	75	0	20.10	20.17	20.25				
15	64QAM	1	0	20.24	20.38	20.10				
15	64QAM	1	37	20.20	20.14	20.26				
15	64QAM	1	74	20.10	20.21	20.12	22	2		
15	64QAM	36	0	19.31	19.34	19.30				
15	64QAM	36	20	19.21	19.24	19.22				
15	64QAM	36	39	19.23	19.25	19.28				
15	64QAM	75	0	19.28	19.23	19.29	21	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.17	22.15	22.12			24	0
10	QPSK	1	25	22.12	22.11	22.13				
10	QPSK	1	49	22.20	22.14	22.10				
10	QPSK	25	0	21.35	21.26	21.12				
10	QPSK	25	12	21.15	21.27	21.17	23	1		
10	QPSK	25	25	21.37	21.12	21.13				
10	QPSK	50	0	21.30	21.26	21.26				
10	16QAM	1	0	21.33	21.42	21.24				
10	16QAM	1	25	21.31	21.36	21.16	23	1		
10	16QAM	1	49	21.27	21.19	21.32				
10	16QAM	25	0	20.13	20.39	20.29				
10	16QAM	25	12	20.27	20.22	20.19				
10	16QAM	25	25	20.31	20.42	20.18	22	2		
10	16QAM	50	0	20.13	20.20	20.13				
10	64QAM	1	0	20.39	20.32	20.13				
10	64QAM	1	25	20.10	20.12	20.26				
10	64QAM	1	49	20.13	20.19	20.15	22	2		
10	64QAM	25	0	19.28	19.27	19.19				
10	64QAM	25	12	19.22	19.27	19.23				
10	64QAM	25	25	19.16	19.23	19.28				
10	64QAM	50	0	19.40	19.15	19.32	21	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.19	22.17	22.16			24	0
5	QPSK	1	12	22.19	22.19	22.21				
5	QPSK	1	24	22.18	22.22	22.18				
5	QPSK	12	0	21.31	21.34	21.21				
5	QPSK	12	7	21.28	21.28	21.14	23	1		
5	QPSK	12	13	21.26	21.30	21.26				
5	QPSK	25	0	21.28	21.38	21.31				
5	16QAM	1	0	21.39	21.39	21.14				
5	16QAM	1	12	21.22	21.40	21.19	23	1		
5	16QAM	1	24	21.17	21.13	21.29				
5	16QAM	12	0	20.10	20.28	20.15				
5	16QAM	12	7	20.16	20.28	20.11				
5	16QAM	12	13	20.33	20.34	20.10	22	2		
5	16QAM	25	0	20.18	20.15	20.21				
5	64QAM	1	0	20.43	20.41	20.13				
5	64QAM	1	12	20.14	20.14	20.24				
5	64QAM	1	24	20.14	20.29	20.31	22	2		
5	64QAM	12	0	19.32	19.30	19.12				
5	64QAM	12	7	19.17	19.24	19.38				
5	64QAM	12	13	19.27	19.26	19.24				
5	64QAM	25	0	19.34	19.23	19.21	21	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.11	22.21	22.17			24	0
3	QPSK	1	8	22.11	22.11	22.15				
3	QPSK	1	14	22.11	22.15	22.15				
3	QPSK	8	0	21.25	21.32	21.15				
3	QPSK	8	4	21.18	21.24	21.16	23	1		
3	QPSK	8	7	21.31	21.13	21.12				
3	QPSK	15	0	21.17	21.22	21.36				
3	16QAM	1	0	21.25	21.28	21.30				
3	16QAM	1	8	21.26	21.30	21.21	23	1		
3	16QAM	1	14	21.16	21.12	21.35				
3	16QAM	8	0	20.26	20.36	20.34				
3	16QAM	8	4	20.16	20.25	20.17				
3	16QAM	8	7	20.21	20.24	20.27	22	2		
3	16QAM	15	0	20.19	20.19	20.27				
3	64QAM	1	0	20.27	20.29	20.21				
3	64QAM	1	8	20.13	20.10	20.18				
3	64QAM	1	14	20.18	20.24	20.37	22	2		
3	64QAM	8	0	19.22	19.41	19.13				
3	64QAM	8	4	19.14	19.14	19.17				
3	64QAM	8	7	19.21	19.16	19.35				
3	64QAM	15	0	19.34	19.13	19.30	21	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.22	22.19	22.24			24	0
1.4	QPSK	1	3	22.18	22.12	22.20				
1.4	QPSK	1	5	22.13	22.18	22.15				
1.4	QPSK	3	0	22.21	22.15	22.12				
1.4	QPSK	3	1	22.15	22.12	22.17	23	1		
1.4	QPSK	3	3	22.14	22.12	22.15				
1.4	QPSK	6	0	21.33	21.32	21.11				
1.4	16QAM	1	0	21.36	21.32	21.19				
1.4	16QAM	1	3	21.34	21.26	21.10	23	1		
1.4	16QAM	1	5	21.39	21.41	21.25				
1.4	16QAM	3	0	21.40	21.35	21.23				
1.4	16QAM	3	1	21.40	21.37	21.13				
1.4	16QAM	3	3	21.25	21.11	21.23	22	2		
1.4	16QAM	6	0	20.25	20.30	20.38				
1.4	64QAM	1	0	20.16	20.22	20.16				
1.4	64QAM	1	3	20.39	20.34	20.32				
1.4	64QAM	1	5	20.19	20.22	20.17	22	2		
1.4	64QAM	3	0	20.30	20.40	20.14				
1.4	64QAM	3	1	20.28	20.19	20.23				
1.4	64QAM	3	3	20.20	20.36	20.28				
1.4	64QAM	6	0	19.46	19.36	19.30	21	3		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.41	22.45	22.38	24	0		
20	QPSK	1	49	22.38	22.42	22.32				
20	QPSK	1	99	22.33	22.41	22.44				
20	QPSK	50	0	21.55	21.56	21.47				
20	QPSK	50	24	21.35	21.43	21.30	23	1		
20	QPSK	50	50	21.50	21.43	21.53				
20	QPSK	100	0	21.51	21.54	21.45				
20	16QAM	1	0	21.63	21.63	21.56				
20	16QAM	1	49	21.54	21.51	21.52	23	1		
20	16QAM	1	99	21.56	21.45	21.50				
20	16QAM	50	0	20.46	20.49	20.65				
20	16QAM	50	24	20.48	20.58	20.33				
20	16QAM	50	50	20.55	20.47	20.46	22	2		
20	16QAM	100	0	20.47	20.41	20.43				
20	64QAM	1	0	20.61	20.44	20.43				
20	64QAM	1	49	20.37	20.43	20.54				
20	64QAM	1	99	20.41	20.41	20.51	22	2		
20	64QAM	50	0	19.33	19.52	19.49				
20	64QAM	50	24	19.40	19.49	19.64				
20	64QAM	50	50	19.49	19.50	19.50				
20	64QAM	100	0	19.63	19.55	19.52	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.24	22.37	22.33			24	0
15	QPSK	1								

Band 7 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	22.62	22.66	22.60	24	0		
20	QPSK	1	49	22.49	22.56	22.63				
20	QPSK	1	99	22.65	22.60	22.59				
20	QPSK	50	0	21.89	21.72	21.64				
20	QPSK	50	24	21.80	21.64	21.63	23	1		
20	QPSK	50	50	21.83	21.67	21.65				
20	QPSK	100	0	21.64	21.70	21.67				
20	16QAM	1	0	21.70	21.66	21.84				
20	16QAM	1	49	21.66	21.75	21.79	23	1		
20	16QAM	1	99	21.78	21.60	21.67				
20	16QAM	50	0	20.86	20.81	20.73				
20	16QAM	50	24	20.65	20.57	20.58	22	2		
20	16QAM	50	50	20.79	20.73	20.66				
20	16QAM	100	0	20.78	20.71	20.75				
20	64QAM	1	0	20.92	20.81	20.80				
20	64QAM	1	49	20.48	20.66	20.66	22	2		
20	64QAM	1	99	20.69	20.58	20.60				
20	64QAM	50	0	19.75	19.86	19.67				
20	64QAM	50	24	19.63	19.77	19.73	21	3		
20	64QAM	50	50	19.67	19.86	19.74				
20	64QAM	100	0	19.78	19.76	19.71				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	22.59	22.58	22.44	24	0		
15	QPSK	1	37	22.65	22.45	22.54				
15	QPSK	1	74	22.49	22.43	22.53				
15	QPSK	36	0	21.50	21.54	21.63				
15	QPSK	36	20	21.42	21.64	21.54	23	1		
15	QPSK	36	39	21.58	21.52	21.63				
15	QPSK	75	0	21.47	21.53	21.58				
15	16QAM	1	0	21.53	21.53	21.72				
15	16QAM	1	37	21.57	21.69	21.77	23	1		
15	16QAM	1	74	21.64	21.49	21.53				
15	16QAM	36	0	20.86	20.76	20.55				
15	16QAM	36	20	20.45	20.57	20.54	22	2		
15	16QAM	36	39	20.65	20.61	20.55				
15	16QAM	75	0	20.56	20.60	20.71				
15	64QAM	1	0	20.89	20.78	20.80				
15	64QAM	1	37	20.45	20.58	20.51	22	2		
15	64QAM	1	74	20.55	20.49	20.51				
15	64QAM	36	0	19.73	19.78	19.56				
15	64QAM	36	20	19.44	19.71	19.65	21	3		
15	64QAM	36	39	19.59	19.68	19.55				
15	64QAM	75	0	19.60	19.84	19.53				
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	22.50	22.59	22.60	24	0		
10	QPSK	1	25	22.57	22.42	22.43				
10	QPSK	1	49	22.64	22.47	22.53				
10	QPSK	25	0	21.67	21.64	21.47	23	1		
10	QPSK	25	12	21.61	21.63	21.44				
10	QPSK	25	25	21.47	21.67	21.63				
10	QPSK	50	0	21.57	21.67	21.64				
10	16QAM	1	0	21.57	21.50	21.75				
10	16QAM	1	25	21.60	21.64	21.73	23	1		
10	16QAM	1	49	21.77	21.55	21.59				
10	16QAM	25	0	20.68	20.68	20.70				
10	16QAM	25	12	20.46	20.49	20.53	22	2		
10	16QAM	25	25	20.78	20.58	20.63				
10	16QAM	50	0	20.58	20.61	20.58				
10	64QAM	1	0	20.88	20.74	20.79				
10	64QAM	1	25	20.68	20.77	20.47	22	2		
10	64QAM	1	49	20.50	20.47	20.54				
10	64QAM	25	0	19.63	19.78	19.63	21	3		
10	64QAM	25	12	19.55	19.68	19.64				
10	64QAM	25	25	19.59	19.69	19.55				
10	64QAM	50	0	19.68	19.64	19.63				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	22.57	22.53	22.45	24	0		
5	QPSK	1	12	22.45	22.46	22.46				
5	QPSK	1	24	22.63	22.46	22.47				
5	QPSK	12	0	21.52	21.55	21.48				
5	QPSK	12	7	21.45	21.44	21.47	23	1		
5	QPSK	12	13	21.51	21.60	21.50				
5	QPSK	25	0	21.44	21.65	21.64				
5	16QAM	1	0	21.62	21.60	21.78	23	1		
5	16QAM	1	12	21.58	21.69	21.77				
5	16QAM	1	24	21.74	21.71	21.56				
5	16QAM	12	0	20.76	20.68	20.58				
5	16QAM	12	7	20.61	20.70	20.42	22	2		
5	16QAM	12	13	20.65	20.65	20.56				
5	16QAM	25	0	20.60	20.56	20.58				
5	64QAM	1	0	20.87	20.76	20.75				
5	64QAM	1	12	20.51	20.47	20.60	22	2		
5	64QAM	1	24	20.63	20.49	20.42				
5	64QAM	12	0	19.67	19.75	19.54				
5	64QAM	12	7	19.59	19.74	19.59	21	3		
5	64QAM	12	13	19.61	19.69	19.67				
5	64QAM	25	0	19.59	19.72	19.55				

Band 30 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel						27710				
Frequency (MHz)				2510	2535	2560				
10	QPSK	1	0		22.57		24	0		
10	QPSK	1	25		22.53					
10	QPSK	1	49		22.55					
10	QPSK	25	0		21.61					
10	QPSK	25	12		21.48		23	1		
10	QPSK	25	25		21.54					
10	QPSK	50	0		21.59					
10	16QAM	1	0		21.42					
10	16QAM	1	25		21.29		23	1		
10	16QAM	1	49		21.32					
10	16QAM	25	0		20.38					
10	16QAM	25	12		20.42		22	2		
10	16QAM	25	25		20.37					
10	16QAM	50	0		20.45					
10	64QAM	1	0		20.57					
10	64QAM	1	25		20.52		22	2		
10	64QAM	1	49		20.63					
10	64QAM	25	0		19.65					
10	64QAM	25	12		19.76		21	3		
10	64QAM	25	25		19.67					
10	64QAM	50	0		19.61					
Channel				27685	27710	27735				
Frequency (MHz)				2307.5	2310	2312.5				
5	QPSK	1	0	22.46	22.53	22.45	24	0		
5	QPSK	1	12	22.43	22.39	22.46				
5	QPSK	1	24	22.43	22.41	22.44				
5	QPSK	12	0	21.53	21.47	21.52				
5	QPSK	12	7	21.36	21.35	21.44	23	1		
5	QPSK	12	13	21.51	21.45	21.46				
5	QPSK	25	0	21.46	21.52	21.54				
5	16QAM	1	0	21.38	21.32	21.38				
5	16QAM	1	12	21.15	21.14	21.15	23	1		
5	16QAM	1	24	21.20	21.25	21.26				
5	16QAM	12	0	20.33	20.29	20.29				
5	16QAM	12	7	20.37	20.34	20.37	22	2		
5	16QAM	12	13	20.23	20.25	20.22				
5	16QAM	25	0	20.36	20.32	20.40				
5	64QAM	1	0	20.48	20.45	20.45				
5	64QAM	1	12	20.40	20.43	20.45	22	2		
5	64QAM	1	24	20.56	20.59	20.60				
5	64QAM	12	0	19.58	19.54	19.59				
5	64QAM	12	7	19.68	19.62	19.63	21	3		



Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up [dBm]	MFR [dB]
Channel								
Frequency (MHz)			37850	38000	38150			
20	QPSK	1	0	22.63	22.80	22.82	24	0
20	QPSK	1	48	22.75	22.83	22.77		
20	QPSK	1	96	22.54	22.87	22.87		
20	QPSK	50	0	21.60	21.72	21.59		
20	QPSK	50	24	21.60	21.76	21.59		
20	QPSK	50	48	21.57	21.67	21.58		
20	QPSK	100	0	21.52	21.61	21.52		
20	HQAM	1	0	21.68	21.74	21.60	23	1
20	HQAM	1	48	21.57	21.67	21.58		
20	HQAM	1	96	21.55	21.69	21.53		
20	HQAM	50	0	20.72	20.79	20.72		
20	HQAM	50	24	20.58	20.72	20.57		
20	HQAM	50	48	20.66	20.69	20.66		
20	HQAM	100	0	20.46	20.48	20.46		
20	HQAM	100	24	20.31	20.39	20.26		
20	HQAM	100	48	20.35	20.41	20.28		
20	HQAM	50	0	19.57	19.61	19.56		
20	HQAM	50	24	19.74	19.78	19.71		
20	HQAM	50	48	19.54	19.70	19.60		
20	HQAM	100	0	19.68	19.74	19.71	21	3
20	HQAM	100	24	19.68	19.74	19.71		
20	HQAM	100	48	19.68	19.74	19.71		
Channel								
Frequency (MHz)			37925	38050	38175			
15	QPSK	1	0	22.63	22.80	22.82	24	0
15	QPSK	1	48	22.67	22.74	22.64		
15	QPSK	1	96	22.60	22.63	22.48		
15	QPSK	36	0	21.48	21.63	21.47		
15	QPSK	36	36	21.43	21.51	21.43		
15	QPSK	75	0	21.44	21.47	21.43		
15	HQAM	1	0	21.68	21.74	21.60	23	1
15	HQAM	1	48	21.57	21.67	21.58		
15	HQAM	1	96	21.55	21.69	21.53		
15	HQAM	50	0	20.72	20.79	20.72		
15	HQAM	50	24	20.58	20.72	20.57		
15	HQAM	50	48	20.66	20.69	20.66		
15	HQAM	100	0	20.46	20.48	20.46		
15	HQAM	100	24	20.31	20.39	20.26		
15	HQAM	100	48	20.35	20.41	20.28		
15	HQAM	50	0	19.57	19.61	19.56		
15	HQAM	50	24	19.74	19.78	19.71		
15	HQAM	50	48	19.54	19.70	19.60		
15	HQAM	100	0	19.68	19.74	19.71	21	3
15	HQAM	100	24	19.68	19.74	19.71		
15	HQAM	100	48	19.68	19.74	19.71		
Channel								
Frequency (MHz)			37975	38075	38175			
10	QPSK	1	0	22.63	22.80	22.82	24	0
10	QPSK	1	48	22.67	22.74	22.64		
10	QPSK	1	96	22.60	22.63	22.48		
10	QPSK	36	0	21.48	21.63	21.47		
10	QPSK	36	36	21.43	21.51	21.43		
10	QPSK	75	0	21.44	21.47	21.43		
10	HQAM	1	0	21.68	21.74	21.60	23	1
10	HQAM	1	48	21.57	21.67	21.58		
10	HQAM	1	96	21.55	21.69	21.53		
10	HQAM	50	0	20.72	20.79	20.72		
10	HQAM	50	24	20.58	20.72	20.57		
10	HQAM	50	48	20.66	20.69	20.66		
10	HQAM	100	0	20.46	20.48	20.46		
10	HQAM	100	24	20.31	20.39	20.26		
10	HQAM	100	48	20.35	20.41	20.28		
10	HQAM	50	0	19.57	19.61	19.56		
10	HQAM	50	24	19.74	19.78	19.71		
10	HQAM	50	48	19.54	19.70	19.60		
10	HQAM	100	0	19.68	19.74	19.71	21	3
10	HQAM	100	24	19.68	19.74	19.71		
10	HQAM	100	48	19.68	19.74	19.71		
Channel								
Frequency (MHz)			37975	38090	38220			
5	QPSK	1	0	22.61	22.78	22.78	24	0
5	QPSK	1	12	22.70	22.77	22.73		
5	QPSK	1	24	22.50	22.59	22.43		
5	QPSK	12	0	21.52	21.67	21.48		
5	QPSK	12	7	21.46	21.66	21.51		
5	QPSK	12	13	21.52	21.67	21.48		
5	QPSK	26	0	21.46	21.54	21.41		
5	HQAM	1	0	21.62	21.62	21.51		
5	HQAM	1	12	21.61	21.67	21.54		
5	HQAM	1	24	21.51	21.58	21.41		
5	HQAM	12	0	20.67	20.70	20.61		
5	HQAM	12	7	20.54	20.69	20.54		
5	HQAM	12	13	20.48	20.66	20.47		
5	HQAM	26	0	20.47	20.61	20.37		
5	HQAM	26	7	20.35	20.63	20.35		
5	HQAM	12	0	19.51	19.59	19.54		
5	HQAM	12	7	19.64	19.72	19.62		
5	HQAM	12	13	19.51	19.65	19.54		
5	HQAM	26	0	19.58	19.63	19.62	21	3
5	HQAM	26	7	19.58	19.63	19.62		
5	HQAM	26	13	19.58	19.63	19.62		

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up [dBm]	MFR [dB]
Channel								
Frequency (MHz)			39750	40185	40620	41055	41490	
20	QPSK	1	0	22.90	22.93	22.93	24	0
20	QPSK	1	48	22.90	22.84	22.90		
20	QPSK	1	96	22.74	22.86	22.81		
20	QPSK	50	0	20.98	20.88	21.05		
20	QPSK	50	24	20.94	20.82	20.88		
20	QPSK	50	48	20.95	20.87	21.01		
20	QPSK	100	0	20.95	20.83	20.96		
20	HQAM	1	0	21.98	21.76	22.05	23	1
20	HQAM	1	48	21.76	21.84	21.88		
20	HQAM	1	96	21.60	21.82	21.69		
20	HQAM	50	0	21.07	20.89	21.13		
20	HQAM	50	24	21.03	20.83	21.00		
20	HQAM	50	48	20.86	20.95	21.08		
20	HQAM	100	0	20.99	20.80	20.99		
20	HQAM	100	24	20.45	20.38	20.55		
20	HQAM	100	48	20.45	20.39	20.48		
20	HQAM	50	0	19.65	19.63	19.65		
20	HQAM	50	24	19.62	19.78	19.70		
20	HQAM	50	48	19.69	19.76	19.68		
20	HQAM	100	0	19.68	19.80	19.84	21	3
20	HQAM	100	24	19.68	19.80	19.84		
20	HQAM	100	48	19.68	19.80	19.84		
Channel								
Frequency (MHz)			39725	40173	40620	41058	41515	
15	QPSK	1	0	22.82	22.88	22.88	24	0
15	QPSK	1	48	22.78	22.76	22.81		
15	QPSK	1	96	22.60	22.60	22.70		
15	QPSK	36	0	20.87	20.82	20.84		
15	QPSK	36	36	20.86	20.74	20.85		
15	QPSK	75	0	20.92	20.78	20.84		
15	HQAM	1	0	21.82	21.66	21.85	23	1
15	HQAM	1	48	21.66	21.82	21.82		
15	HQAM	1	96	21.66	21.82	21.73		
15	HQAM	50	0	21.10	21.59	21.86		
15	HQAM	50	24	21.00	20.92	21.09		
15	HQAM	50	48	20.88	20.79	20.90		
15	HQAM	100	0	20.75	20.72	20.80		
15	HQAM	100	24	20.38	20.48	20.57		
15	HQAM	100	48	20.41	20.32	20.44		
15	HQAM	50	0	19.62	19.63	19.63		
15	HQAM	50	24	19.64	19.62	19.62		
15	HQAM	50	48	19.64	19.62	19.62		
15	HQAM	100	0	19.60	19.67	19.63	21	3
15	HQAM	100	24	19.60	19.67	19.63		
15	HQAM	100	48	19.60	19.67	19.63		
Channel								
Frequency (MHz)			39700	40143	40590	41038	41495	
10	QPSK	1	0	22.78	22.86	22.87	24	0
10	QPSK	1	48	22.86	22.76	22.91		
10	QPSK	1	96	22.60	22.54	22.70		
10	QPSK	36	0	20.87	20.75	20.87		
10	QPSK	36	36	20.89	20.76	20.84		
10	QPSK	75	0	20.96	20.70	20.84		
10	HQAM	1	0	21.82	21.62	21.82	23	1
10	HQAM	1	48	21.70	21.70	21.70		
10	HQAM	1	96	21.67	21.68	21.69		
10	HQAM	50	0	20.96	20.79	20.89		
10	HQAM	50	24	20.94	20.76	20.86		
10	HQAM	50	48	20.74	20.86	20.97		
10	HQAM	100	0	20.84	20.87	20.88		
10	HQAM	100	24	20.39	20.39	20.44		
10	HQAM	100	48	20.33	20.17	20.42		
10	HQAM	50	0	19.50	19.50	19.50		
10	HQAM	50	24	19.50	19.50	19.50		
10	HQAM	50	48	19.50	19.50	19.50		
10	HQAM	100	0	19.50	19.50	19.50		
10	HQAM	100	24	19.50	19.50	19.50		
10	HQAM	100	48	19.50	19.50	19.50		
10	HQAM	50	0	19.90	19.76	19.97	21	3
10	HQAM	50	24	19.90	19.76	19.97		
10	HQAM	50	48	19.90	19.76	19.97		
Channel								
Frequency (MHz)			39675	40148	40600	41058	41568	
5	QPSK	1	0	22.78	22.78	22.78	24	0
5	QPSK	1	12	22.78	22.80	22.81		
5	QPSK	1	24	22.50	22.51	22.56		
5	QPSK	12	0	20.89	20.75	20.88		
5	QPSK	12	7	20.88	20.77	20.83		
5	QPSK	12	13	20.92	20.69	20.87		
5	HQAM	1	0	21.91				



GSM850 Ant3 Default

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	32.50	824.2	836.4	848.8	23.50
GSM 1 Tx slot	31.16	31.19	31.10	32.50	22.16	22.19	22.10	23.50
GPRS 1 Tx slot	31.11	31.14	31.05	32.50	22.11	22.14	22.05	23.50
GPRS 2 Tx slots	30.12	30.17	30.06	31.50	24.12	24.17	24.06	25.50
GPRS 3 Tx slots	28.19	28.21	28.08	29.50	23.93	23.95	23.82	25.24
GPRS 4 Tx slots	27.21	27.26	27.15	28.50	24.21	24.26	24.15	25.50
EDGE 1 Tx slot	26.75	26.81	26.68	28.00	17.75	17.81	17.68	19.00
EDGE 2 Tx slots	25.84	25.91	25.62	27.00	19.84	19.91	19.82	21.00
EDGE 3 Tx slots	23.71	23.78	23.52	25.00	19.45	19.52	19.26	20.74
EDGE 4 Tx slots	22.51	22.56	22.27	23.50	19.51	19.56	19.27	20.50

GSM1900 Ant3 Default

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	29.50	1850.2	1880	1909.8	20.50
GSM 1 Tx slot	28.63	28.66	28.39	29.50	19.63	19.66	19.39	20.50
GPRS 1 Tx slot	28.58	28.62	28.31	29.50	19.58	19.62	19.31	20.50
GPRS 2 Tx slots	27.52	27.61	27.27	28.50	21.52	21.61	21.27	22.50
GPRS 3 Tx slots	25.50	25.56	25.24	26.50	21.24	21.30	20.98	22.24
GPRS 4 Tx slots	24.57	24.63	24.45	25.50	21.57	21.63	21.45	22.50
EDGE 1 Tx slot	24.97	25.11	25.07	26.00	15.97	16.11	16.07	17.00
EDGE 2 Tx slots	23.92	24.02	23.88	25.00	17.92	18.02	17.88	19.00
EDGE 3 Tx slots	21.65	21.78	21.61	23.00	17.39	17.52	17.35	18.74
EDGE 4 Tx slots	20.42	20.54	20.46	21.50	17.42	17.54	17.46	18.50

WCDMA II Ant3 Default

WCDMA V Ant3 Default

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9282	9400	9538		4132	4182	4233	
TX Channel	9662	9800	9938	4357	4407	4458		
Rx Channel	1852.4	1880	1907.6	826.4	836.4	846.6		
Frequency (MHz)								
3GPP Rel 99 AMR 12.2Kbps	21.88	21.94	21.93	23.00	21.92	22.01	21.99	23.00
3GPP Rel 99 AMR 12.2Kbps	21.89	21.95	21.94	23.00	21.93	22.03	22.01	23.00
3GPP Rel 6 HSDPA Subtest-1	20.97	20.98	20.77	22.00	20.97	21.15	20.96	22.00
3GPP Rel 6 HSDPA Subtest-2	20.66	20.72	20.65	22.00	20.79	20.83	20.70	22.00
3GPP Rel 6 HSDPA Subtest-3	20.22	20.09	20.03	21.50	20.18	20.33	20.22	21.50
3GPP Rel 6 HSDPA Subtest-4	20.10	20.12	20.18	21.50	20.15	20.25	20.27	21.50
3GPP Rel 6 DC-HSDPA Subtest-1	20.69	20.81	20.65	22.00	20.85	21.00	20.73	22.00
3GPP Rel 6 DC-HSDPA Subtest-2	20.46	20.42	20.63	22.00	20.73	20.61	20.72	22.00
3GPP Rel 6 DC-HSDPA Subtest-3	19.97	20.20	19.79	21.50	19.99	20.27	20.03	21.50
3GPP Rel 6 DC-HSDPA Subtest-4	20.02	20.08	19.97	21.50	20.16	20.14	20.16	21.50
3GPP Rel 6 HSUPA Subtest-1	20.76	20.91	20.53	22.00	20.98	20.91	20.76	22.00
3GPP Rel 6 HSUPA Subtest-2	18.97	19.02	18.90	20.00	19.05	18.94	19.06	20.00
3GPP Rel 6 HSUPA Subtest-3	19.76	19.97	19.66	21.00	19.89	19.98	19.99	21.00
3GPP Rel 6 HSUPA Subtest-4	18.71	18.73	18.67	20.00	18.90	18.74	18.63	20.00
3GPP Rel 6 HSUPA Subtest-5	20.68	20.74	20.73	22.00	20.64	20.71	20.78	22.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	18.44	18.36	18.48	19.50	18.39	18.43	18.50	19.50



Band 2 Ant 3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	21.18	21.18	21.18	23	0
20	QPSK	1	49	21.24	21.18	21.17		
20	QPSK	1	99	21.20	21.22	21.19		
20	QPSK	50	0	20.29	20.31	20.28		
20	QPSK	50	24	20.19	20.28	20.26		
20	QPSK	50	50	20.27	20.25	20.15		
20	QPSK	100	0	20.25	20.29	20.23		
20	16QAM	1	0	20.36	20.39	20.29		
20	16QAM	1	49	20.32	20.35	20.33		
20	16QAM	1	99	20.42	20.33	20.25		
20	16QAM	50	0	19.41	19.33	19.31		
20	16QAM	50	24	19.24	19.30	19.38		
20	16QAM	50	50	19.40	19.40	19.33		
20	16QAM	100	0	19.27	19.32	19.24		
20	84QAM	1	0	19.35	19.28	19.34		
20	84QAM	1	49	19.43	19.34	19.38		
20	84QAM	1	99	19.26	19.30	19.23		
20	84QAM	50	0	18.21	18.30	18.24		
20	84QAM	50	24	18.40	18.38	18.44		
20	84QAM	50	50	18.49	18.42	18.34		
20	84QAM	100	0	18.30	18.35	18.37		
Channel								
Frequency (MHz)								
15	QPSK	1	0	21.12	21.18	21.20	23	0
15	QPSK	1	37	21.22	21.15	21.22		
15	QPSK	1	74	21.16	21.23	21.21		
15	QPSK	36	0	20.22	20.22	20.33		
15	QPSK	36	20	20.10	20.38	20.27		
15	QPSK	36	39	20.20	20.19	20.19		
15	QPSK	75	0	20.34	20.32	20.23		
15	16QAM	1	0	20.35	20.36	20.37		
15	16QAM	1	37	20.27	20.42	20.32		
15	16QAM	1	74	20.47	20.42	20.26		
15	16QAM	36	0	19.41	19.27	19.25		
15	16QAM	36	20	19.23	19.22	19.33		
15	16QAM	36	39	19.42	19.37	19.24		
15	16QAM	75	0	19.30	19.22	19.30		
15	84QAM	1	0	19.43	19.26	19.37		
15	84QAM	1	37	19.35	19.26	19.37		
15	84QAM	1	74	19.28	19.30	19.15		
15	84QAM	36	0	18.30	18.34	18.39		
15	84QAM	36	20	18.41	18.35	18.48		
15	84QAM	36	39	18.55	18.38	18.31		
15	84QAM	75	0	18.34	18.34	18.24		
Channel								
Frequency (MHz)								
10	QPSK	1	0	21.18	21.22	21.23	23	0
10	QPSK	1	25	21.16	21.21	21.20		
10	QPSK	1	49	21.18	21.15	21.08		
10	QPSK	25	0	20.26	20.34	20.37		
10	QPSK	25	12	20.13	20.25	20.36		
10	QPSK	25	25	20.20	20.29	20.14		
10	QPSK	50	0	20.21	20.32	20.31		
10	QPSK	50	0	20.36	20.38	20.29		
10	16QAM	1	0	20.36	20.38	20.33		
10	16QAM	1	25	20.41	20.34	20.23		
10	16QAM	1	49	20.51	20.40	20.21		
10	16QAM	25	0	19.41	19.31	19.26		
10	16QAM	25	12	19.21	19.26	19.21		
10	16QAM	25	25	19.40	19.32	19.31		
10	16QAM	50	0	19.36	19.28	19.17		
10	84QAM	1	0	19.31	19.24	19.35		
10	84QAM	1	25	19.18	19.41	19.46		
10	84QAM	1	49	19.23	19.37	19.16		
10	84QAM	25	0	18.38	18.37	18.43		
10	84QAM	25	12	18.36	18.42	18.48		
10	84QAM	25	25	18.39	18.50	18.43		
10	84QAM	50	0	18.40	18.31	18.33		
Channel								
Frequency (MHz)								
5	QPSK	1	0	21.17	21.18	21.17	23	0
5	QPSK	1	12	21.22	21.18	21.10		
5	QPSK	1	24	21.21	21.15	21.15		
5	QPSK	12	0	20.20	20.24	20.23		
5	QPSK	12	7	20.20	20.28	20.29		
5	QPSK	12	13	20.20	20.22	20.15		
5	QPSK	25	0	20.21	20.39	20.26		
5	16QAM	1	0	20.45	20.40	20.38		
5	16QAM	1	12	20.32	20.42	20.33		
5	16QAM	1	24	20.44	20.26	20.27		
5	16QAM	12	0	20.21	20.32	20.26		
5	16QAM	12	7	19.27	19.29	19.37		
5	16QAM	12	13	19.43	19.39	19.39		
5	16QAM	25	0	19.19	19.37	19.18		
5	84QAM	1	0	19.25	19.36	19.38		
5	84QAM	1	12	19.37	19.42	19.39		
5	84QAM	1	24	19.32	19.37	19.17		
5	84QAM	12	0	18.25	18.23	18.42		
5	84QAM	12	7	18.39	18.28	18.44		
5	84QAM	12	13	18.42	18.49	18.28		
5	84QAM	25	0	18.24	18.40	18.41		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	21.17	21.16	21.14	23	0
1.4	QPSK	1	3	21.15	21.12	21.10		
1.4	QPSK	1	5	21.20	21.15	21.07		
1.4	QPSK	3	0	21.23	21.17	21.18		
1.4	QPSK	3	1	21.16	21.15	21.21		
1.4	QPSK	3	3	21.16	21.22	21.15		
1.4	QPSK	6	0	20.29	20.30	20.28		
1.4	16QAM	1	0	20.25	20.27	20.32		
1.4	16QAM	1	3	20.25	20.32	20.16		
1.4	16QAM	1	5	20.34	20.25	20.16		
1.4	16QAM	3	0	20.28	20.46	20.39		
1.4	16QAM	3	1	20.29	20.35	20.28		
1.4	16QAM	3	3	20.48	20.32	20.35		
1.4	16QAM	6	0	19.35	19.35	19.26		
1.4	84QAM	1	0	19.19	19.30	19.29		
1.4	84QAM	1	3	19.40	19.31	19.32		
1.4	84QAM	1	5	19.38	19.28	19.15		
1.4	84QAM	3	0	19.32	19.34	19.34		
1.4	84QAM	3	1	19.49	19.37	19.38		
1.4	84QAM	3	3	19.23	19.32	19.14		
1.4	84QAM	6	0	18.39	18.40	18.30		

Band 5 Ant 3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
5	QPSK	1	0	21.64	21.65	21.62	23	0
5	QPSK	1	25	21.57	21.61	21.57		
5	QPSK	1	49	21.59	21.54	21.63		
5	QPSK	25	0	20.72	20.77	20.69		
5	QPSK	25	12	20.47	20.65	20.56		
5	QPSK	25	25	20.71	20.67	20.73		
5	QPSK	50	0	20.73	20.74	20.66		
5	16QAM	1	0	20.82	20.63	20.82		
5	16QAM	1	25	20.65	20.59	20.84		
5	16QAM	1	49	20.87	20.65	20.81		
5	16QAM	25	0	19.72	19.78	19.83		
5	16QAM	25	12	19.50	19.58	19.66		
5	16QAM	25	25	19.84	19.70	19.68		
5	16QAM	50	0	19.74	19.65	19.62		
5	84QAM	1	0	19.87	19.72	19.69		
5	84QAM	1	25	19.65	19.69	19.74		
5	84QAM	1	49	19.56	19.55	19.82		
5	84QAM	25	0	18.66	18.83	18.70		
5	84QAM	25	12	18.52	18.70	18.86		
5	84QAM	25	25	18.61	18.80	18.70		
5	84QAM	50	0	18.88	18.68	18.72		
Channel								
Frequency (MHz)								
5	QPSK	1	0	21.63	21.45	21.47	23	0
5	QPSK	1	12	21.44	21.59	21.53		
5	QPSK	1	24	21.51	21.53	21.55		
5	QPSK	12	0	20.94	20.80	20.88		
5	QPSK	12	7	20.41	20.45	20.54		
5	QPSK	12	13	20.71	20.59	20.54		
5	QPSK	25	0	20.70	20.56	20.54		
5	16QAM	1	0	20.82	20.59	20.73		
5	16QAM	1	12	20.56	20.61	20.74		
5	16QAM	1	24	20.49	20.53	20.81		
5	16QAM	12	0	19.56	19.77	19.83		
5	16QAM	12	7	19.41	19.45	19.83		
5	16QAM	12	13	19.49	19.67	19.59		
5	16QAM	25	0	19.98	19.47	19.51		
5	84QAM	1	0	19.86	19.58	19.59		
5	84QAM	1	12	19.47	19.65	19.68		
5	84QAM	1	24	19.49	19.47	19.52		
5	84QAM	12	0	18.53	18.71	18.59		
5	84QAM	12	7	18.40	18.68	18.82		
5	84QAM	12	13	18.51	18.66	18.80		
5	84QAM	25	0	18.58	18.50	18.56		
Channel								
Frequency (MHz)								
3	QPSK	1	0	21.62	21.60	21.59	23	0
3	QPSK	1	8	21.43	21.51	21.38		
3	QPSK	1	14	21.56	21.35	21.52		
3	QPSK	8	0	20.59	20.62	20.50		
3	QPSK	8	4	20.35	20.53	20.41		
3	QPSK	8	7	20.65	20.58	20.56		
3	QPSK	15	0	20.66	20.67	20.82		
3	16QAM	1	0	20.69	20.49	20.84		
3	16QAM	1	8	20.55	20.59	20.76		
3	16QAM	1	14	20.59	20.56	20.74		
3	16QAM	8	0	19.55	19.68	19.78		
3	16QAM	8	4	19.38	19.48	19.51		
3	16QAM	8	7	19.45	19.62	19.56		
3	16QAM	15	0	19.59	19.52	19.56		
3	84QAM	1	0	19.85	19.60	19.87		
3	84QAM	1	8	19.46	19.67	19.57		
3	84QAM	1	14	19.45	19.48	19.55		
3	84QAM	8	0	18.54	18.81	18.70		
3	84QAM	8	4	18.33	18.61	18.79		
3	84QAM	8	7	18.60				



Band 13 Ant 3										
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				23230						
Frequency (MHz)				792						
10	QPSK	1	0	21.21			23	0		
10	QPSK	1	25	21.18						
10	QPSK	1	49	21.14						
10	QPSK	25	0	20.32			22	1		
10	QPSK	25	12	20.30						
10	QPSK	25	25	20.26						
10	QPSK	50	0	20.30			22	1		
10	16QAM	1	0	20.28						
10	16QAM	1	25	20.24						
10	16QAM	1	49	20.31			21	2		
10	16QAM	25	0	19.36						
10	16QAM	25	12	19.34						
10	16QAM	25	25	19.40			21	2		
10	16QAM	50	0	19.37						
10	64QAM	1	0	19.34						
10	64QAM	1	25	19.44			21	2		
10	64QAM	1	49	19.40						
10	64QAM	25	0	18.40						
10	64QAM	25	12	18.36			20	3		
10	64QAM	25	25	18.47						
10	64QAM	50	0	18.42						
Channel				23205						
Frequency (MHz)				779.5						
5	QPSK	1	0	21.18	21.19	21.16	23	0		
5	QPSK	1	12	21.17	21.18	21.10				
5	QPSK	1	24	21.11	21.14	21.18				
5	QPSK	12	0	20.28	20.32	20.34	22	1		
5	QPSK	12	7	20.26	20.30	20.32				
5	QPSK	12	13	20.24	20.26	20.32				
5	QPSK	25	0	20.24	20.30	20.25	22	1		
5	16QAM	1	0	20.18	20.28	20.24				
5	16QAM	1	12	20.15	20.24	20.26				
5	16QAM	1	24	20.31	20.31	20.35	22	1		
5	16QAM	12	0	19.30	19.36	19.28				
5	16QAM	12	7	19.34	19.34	19.34				
5	16QAM	12	13	19.46	19.40	19.38	21	2		
5	16QAM	25	0	19.44	19.37	19.37				
5	64QAM	1	0	19.33	19.34	19.44				
5	64QAM	1	12	19.54	19.44	19.44	21	2		
5	64QAM	1	24	19.31	19.40	19.33				
5	64QAM	12	0	18.48	18.40	18.38				
5	64QAM	12	7	18.44	18.36	18.31	20	3		
5	64QAM	12	13	18.54	18.47	18.50				
5	64QAM	25	0	18.36	18.42	18.39				

Band 14 Ant 3										
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				23330						
Frequency (MHz)				793						
10	QPSK	1	0	21.24			23	0		
10	QPSK	1	25	21.18						
10	QPSK	1	49	21.20						
10	QPSK	25	0	20.34			22	1		
10	QPSK	25	12	20.25						
10	QPSK	25	25	20.30						
10	QPSK	50	0	20.32			22	1		
10	16QAM	1	0	20.27						
10	16QAM	1	25	20.24						
10	16QAM	1	49	20.31			21	2		
10	16QAM	25	0	19.31						
10	16QAM	25	12	19.42						
10	16QAM	25	25	19.37			21	2		
10	16QAM	50	0	19.46						
10	64QAM	1	0	19.33						
10	64QAM	1	25	19.44			21	2		
10	64QAM	1	49	19.45						
10	64QAM	25	0	18.39						
10	64QAM	25	12	18.47			20	3		
10	64QAM	25	25	18.47						
10	64QAM	50	0	18.35						
Channel				23305						
Frequency (MHz)				790.5						
5	QPSK	1	0	21.23	21.17	21.13	23	0		
5	QPSK	1	12	21.10	21.18	21.09				
5	QPSK	1	24	21.22	21.09	21.20				
5	QPSK	12	0	20.32	20.26	20.18	22	1		
5	QPSK	12	7	20.21	20.14	20.29				
5	QPSK	12	13	20.30	20.20	20.15				
5	QPSK	25	0	20.17	20.18	20.25	22	1		
5	16QAM	1	0	20.35	20.28	20.11				
5	16QAM	1	12	20.17	20.20	20.27				
5	16QAM	1	24	20.17	20.30	20.21	21	2		
5	16QAM	12	0	19.32	19.30	19.24				
5	16QAM	12	7	19.21	19.26	19.27				
5	16QAM	12	13	19.20	19.33	19.25	21	2		
5	16QAM	25	0	19.20	19.39	19.42				
5	64QAM	1	0	19.34	19.20	19.35				
5	64QAM	1	12	19.24	19.41	19.28	21	2		
5	64QAM	1	24	19.45	19.43	19.25				
5	64QAM	12	0	18.24	18.20	18.36				
5	64QAM	12	7	18.17	18.44	18.24	20	3		
5	64QAM	12	13	18.33	18.33	18.50				
5	64QAM	25	0	18.38	18.22	18.13				

Band 17 Ant 3										
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				23780						
Frequency (MHz)				710						
10	QPSK	1	0	21.25	21.30	21.25	23	0		
10	QPSK	1	25	21.09	21.29	21.28				
10	QPSK	1	49	21.28	21.18	21.16				
10	QPSK	25	0	20.33	20.39	20.28	22	1		
10	QPSK	25	12	20.08	20.21	20.18				
10	QPSK	25	25	20.36	20.38	20.37				
10	QPSK	50	0	20.27	20.35	20.33	22	1		
10	16QAM	1	0	20.26	20.40	20.42				
10	16QAM	1	25	20.34	20.26	20.41				
10	16QAM	1	49	20.23	20.27	20.43	21	2		
10	16QAM	25	0	19.39	19.41	19.40				
10	16QAM	25	12	19.20	19.33	19.11				
10	16QAM	25	25	19.32	19.25	19.33	21	2		
10	16QAM	50	0	19.35	19.33	19.38				
10	64QAM	1	0	19.52	19.26	19.40				
10	64QAM	1	25	19.17	19.18	19.41	21	2		
10	64QAM	1	49	19.25	19.12	19.29				
10	64QAM	25	0	18.29	18.45	18.36				
10	64QAM	25	12	18.28	18.25	18.45	20	3		
10	64QAM	25	25	18.26	18.44	18.45				
10	64QAM	50	0	18.44	18.41	18.25				
Channel				23755						
Frequency (MHz)				706.5						
5	QPSK	1	0	21.12	21.15	21.29	23	0		
5	QPSK	1	12	21.09	21.16	21.23				
5	QPSK	1	24	21.12	21.16	21.14				
5	QPSK	12	0	20.27	20.35	20.15	22	1		
5	QPSK	12	7	20.07	20.18	20.28				
5	QPSK	12	13	20.23	20.25	20.24				
5	QPSK	25	0	20.07	20.30	20.32	22	1		
5	16QAM	1	0	20.10	20.25	20.30				
5	16QAM	1	12	20.18	20.23	20.26				
5	16QAM	1	24	20.25	20.25	20.25	21	2		
5	16QAM	12	0	19.30	19.40	19.25				
5	16QAM	12	7	19.15	19.14	19.08				
5	16QAM	12	13	19.26	19.04	19.26	21	2		
5	16QAM	25	0	19.20	19.15	19.18				
5	64QAM	1	0	19.34	19.25	19.31				
5	64QAM	1	12	19.02	19.04	19.36	21	2		
5	64QAM	1	24	19.15	19.33	19.15				
5	64QAM	12	0	18.31	18.33	18.29				
5	64QAM	12	7	18.24	18.25	18.39	20	3		
5	64QAM	12	13	18.25	18.35	18.24				
5	64QAM	25	0	18.35	18.19	18.12				



Band 71 Ant 3								
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				133222	133322	133372		
Frequency (MHz)				675	685	695		
20	QPSK	1	0	21.38	21.43	21.26	23	0
20	QPSK	1	49	21.33	21.40	21.31		
20	QPSK	1	99	21.35	21.39	21.24		
20	QPSK	50	0	20.37	20.45	20.36		
20	QPSK	50	24	20.38	20.41	20.31	22	1
20	QPSK	50	50	20.39	20.38	20.44		
20	QPSK	100	0	20.32	20.42	20.36		
20	16QAM	1	0	20.34	20.41	20.36		
20	16QAM	1	49	20.41	20.45	20.44	22	1
20	16QAM	1	99	20.41	20.36	20.36		
20	16QAM	50	0	19.40	19.38	19.33		
20	16QAM	50	24	19.28	19.27	19.23		
20	16QAM	50	50	19.17	19.22	19.29	21	2
20	16QAM	100	0	19.22	19.19	19.27		
20	64QAM	1	0	19.53	19.46	19.46		
20	64QAM	1	49	19.51	19.42	19.46	21	2
20	64QAM	1	99	19.43	19.39	19.35		
20	64QAM	50	0	18.42	18.44	18.34		
20	64QAM	50	24	18.40	18.38	18.45	20	3
20	64QAM	50	50	18.39	18.41	18.47		
20	64QAM	100	0	18.54	18.47	18.49		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.27	21.35	21.21	23	0
15	QPSK	1	37	21.13	21.35	21.23		
15	QPSK	1	74	21.29	21.34	21.07		
15	QPSK	36	0	20.36	20.26	20.23	22	1
15	QPSK	36	20	20.27	20.27	20.17		
15	QPSK	36	39	20.25	20.22	20.24		
15	QPSK	75	0	20.15	20.24	20.35		
15	16QAM	1	0	20.23	20.29	20.21	22	1
15	16QAM	1	37	20.21	20.47	20.39		
15	16QAM	1	74	20.27	20.33	20.20		
15	16QAM	36	0	19.39	19.25	19.24	21	2
15	16QAM	36	20	19.41	19.27	19.23		
15	16QAM	36	39	19.17	19.01	19.11		
15	16QAM	75	0	19.10	19.09	19.14		
15	64QAM	1	0	19.36	19.25	19.24	21	2
15	64QAM	1	37	19.36	19.30	19.31		
15	64QAM	1	74	19.28	19.37	19.30		
15	64QAM	36	0	18.39	18.32	18.15	20	3
15	64QAM	36	20	18.19	18.28	18.42		
15	64QAM	36	39	18.21	18.32	18.48		
15	64QAM	75	0	18.41	18.46	18.46		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.20	21.35	21.13	23	0
10	QPSK	1	25	21.20	21.37	21.13		
10	QPSK	1	49	21.33	21.33	21.05		
10	QPSK	25	0	20.29	20.46	20.29	22	1
10	QPSK	25	12	20.27	20.37	20.16		
10	QPSK	25	25	20.31	20.32	20.43		
10	QPSK	50	0	20.30	20.35	20.15	22	1
10	16QAM	1	0	20.29	20.24	20.29		
10	16QAM	1	25	20.34	20.29	20.40	22	1
10	16QAM	1	49	20.33	20.17	20.21		
10	16QAM	25	0	19.19	19.39	19.16	21	2
10	16QAM	25	12	19.19	19.19	19.23		
10	16QAM	25	25	19.10	19.07	19.18		
10	16QAM	50	0	19.14	19.01	19.19		
10	64QAM	1	0	19.39	19.33	19.31	21	2
10	64QAM	1	25	19.36	19.42	19.47		
10	64QAM	1	49	19.42	19.41	19.25		
10	64QAM	25	0	18.21	18.29	18.18	20	3
10	64QAM	25	12	18.30	18.19	18.25		
10	64QAM	25	25	18.39	18.24	18.32		
10	64QAM	50	0	18.37	18.36	18.35		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.18	21.37	21.17	23	0
5	QPSK	1	12	21.22	21.33	21.32		
5	QPSK	1	24	21.29	21.31	21.13		
5	QPSK	12	0	20.29	20.35	20.30	22	1
5	QPSK	12	7	20.34	20.38	20.21		
5	QPSK	12	13	20.28	20.25	20.37		
5	QPSK	25	0	20.23	20.35	20.23	22	1
5	16QAM	1	0	20.36	20.24	20.25		
5	16QAM	1	12	20.35	20.35	20.40	22	1
5	16QAM	1	24	20.27	20.38	20.37		
5	16QAM	12	0	19.29	19.24	19.13	21	2
5	16QAM	12	7	19.17	19.29	19.03		
5	16QAM	12	13	19.17	19.07	19.20		
5	16QAM	25	0	19.03	19.06	19.26		
5	64QAM	1	0	19.52	19.43	19.43	21	2
5	64QAM	1	12	19.39	19.25	19.27		
5	64QAM	1	24	19.33	19.24	19.26		
5	64QAM	12	0	18.30	18.28	18.31	20	3
5	64QAM	12	7	18.24	18.39	18.35		
5	64QAM	12	13	18.24	18.23	18.44		
5	64QAM	25	0	18.38	18.46	18.50		



Reduced Power Mode for DS12

GSM850	GSM850 Ant0 Default			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)				128	189	251	
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.13	32.17	32.07	33.50	23.13	23.17	23.07	24.50
GPRS 1 Tx slots	32.11	32.15	32.06	33.50	23.11	23.15	23.06	24.50
GPRS 2 Tx slots	31.09	31.14	31.04	32.50	25.09	25.14	25.04	26.50
GPRS 3 Tx slots	29.08	29.13	29.05	30.50	24.82	24.87	24.79	26.24
GPRS 4 Tx slots	28.13	28.16	28.11	29.50	25.13	25.16	25.11	26.50
EDGE 1 Tx slot	27.36	27.33	27.19	28.50	18.36	18.33	18.19	19.50
EDGE 2 Tx slots	26.45	26.36	26.05	27.50	20.45	20.36	20.05	21.50
EDGE 3 Tx slots	24.45	24.13	24.07	25.50	20.19	19.87	19.81	21.24
EDGE 4 Tx slots	22.78	22.77	22.75	24.00	19.78	19.77	19.75	21.00

GSM1900	GSM1900 Ant0 Default			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)				512	661	810	
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.20	29.44	29.40	30.50	20.20	20.44	20.40	21.50
GPRS 1 Tx slot	29.18	29.38	29.36	30.50	20.18	20.38	20.38	21.50
GPRS 2 Tx slots	28.16	28.42	28.33	29.50	22.16	22.42	22.33	23.50
GPRS 3 Tx slots	26.15	26.38	26.34	27.50	21.89	22.12	22.08	23.24
GPRS 4 Tx slots	25.35	25.43	25.39	26.50	22.35	22.43	22.39	23.50
EDGE 1 Tx slot	25.93	25.83	25.95	27.00	16.93	16.83	16.95	18.00
EDGE 2 Tx slots	24.89	24.68	24.92	26.00	18.89	18.68	18.92	20.00
EDGE 3 Tx slots	22.62	22.44	22.71	24.00	18.36	18.18	18.45	19.74
EDGE 4 Tx slots	21.35	21.31	21.41	22.50	18.35	18.31	18.41	19.50

Band	WCDMA II Ant0 Default			Tune-up Limit (dBm)	WCDMA IV Ant0 Default			WCDMA V Ant0 Default			Tune-up Limit (dBm)		
	WCDMA II				WCDMA IV			WCDMA V					
	Rx Channel	9262	9400		9538	1312	1413	1513	4132	4182		4233	
Frequency (MHz)	8662	8800	8938	1537	1638	1738	4357	4407	4458				
3GPP Rel 99	AMR 12.2Kbps	22.89	23.05	23.00	24.00	22.75	22.82	22.81	24.00	22.81	22.86	22.84	24.00
3GPP Rel 99	RM-C 12.2Kbps	22.90	23.07	23.01	24.00	22.77	22.84	22.83	24.00	22.83	22.88	22.86	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.80	23.00	21.82	21.89	21.60	23.00	21.83	21.90	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	21.72	21.92	21.63	23.00	21.51	21.67	21.54	23.00	21.61	21.62	21.52	23.00
3GPP Rel 6	HSDPA Subtest-3	21.14	21.25	21.17	22.50	21.09	21.15	21.03	22.50	20.94	20.97	21.08	22.50
3GPP Rel 6	HSDPA Subtest-4	21.23	21.22	21.32	22.50	20.95	21.09	21.11	22.50	21.06	21.04	21.04	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.79	21.96	21.80	23.00	21.62	21.74	21.53	23.00	21.63	21.71	21.64	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.68	21.84	21.67	23.00	21.35	21.43	21.43	23.00	21.36	21.43	21.51	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.09	21.34	20.93	22.50	20.82	20.95	20.77	22.50	20.84	20.99	20.79	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.03	21.17	21.10	22.50	20.88	21.05	20.96	22.50	20.83	21.02	20.98	22.50
3GPP Rel 6	HSUPA Subtest-1	22.02	22.08	21.73	23.00	21.73	21.73	21.60	23.00	21.78	21.87	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.04	20.05	21.00	19.84	19.86	19.97	21.00	19.70	19.93	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	21.02	20.99	20.89	22.00	20.84	20.85	20.66	22.00	20.81	20.80	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	19.58	19.77	19.61	21.00	19.66	19.64	19.59	21.00	19.58	19.66	19.50	21.00
3GPP Rel 6	HSUPA Subtest-5	21.70	21.79	21.73	23.00	21.48	21.54	21.68	23.00	21.48	21.53	21.55	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.41	19.40	19.60	20.50	19.17	19.25	19.35	20.50	19.17	19.20	19.35	20.50



Band 38 Ant 1											
BW [MHz]	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MFR (dB)			
Channel											
Frequency (MHz)				37650	38000	38150					
20	QPSK	1	0	22.63	22.80	22.80	24	0			
20	QPSK	1	48	22.75	22.83	22.77	23	1			
20	QPSK	1	96	22.54	22.87	22.87	23	1			
20	QPSK	50	0	21.60	21.72	21.59	22	2			
20	QPSK	50	24	21.60	21.76	21.59	22	2			
20	QPSK	50	48	21.57	21.67	21.58	22	2			
20	QPSK	100	0	21.52	21.61	21.52	23	1			
20	QPSK	100	24	21.58	21.74	21.60	23	1			
20	QPSK	100	48	21.57	21.67	21.58	23	1			
20	QPSK	100	72	21.55	21.69	21.53	22	2			
20	QPSK	100	96	20.72	20.79	20.72	21	3			
20	QPSK	50	24	20.58	20.57	20.57	21	3			
20	QPSK	50	48	20.56	20.59	20.56	21	3			
20	QPSK	50	72	20.40	20.45	20.40	21	3			
20	QPSK	50	96	20.31	20.39	20.26	21	3			
20	QPSK	50	120	20.31	20.41	20.26	21	3			
20	QPSK	50	144	19.57	19.51	19.26	21	3			
20	QPSK	50	168	19.74	19.78	19.71	21	3			
20	QPSK	50	192	19.58	19.70	19.60	21	3			
20	QPSK	50	216	19.68	19.78	19.71	21	3			
Channel											
Frequency (MHz)				37625	38050	38175					
15	QPSK	1	0	22.63	22.80	22.80	24	0			
15	QPSK	1	37	22.63	22.74	22.64	23	1			
15	QPSK	1	74	22.60	22.63	22.48	23	1			
15	QPSK	36	0	21.48	21.63	21.47	23	1			
15	QPSK	36	36	21.43	21.51	21.43	23	1			
15	QPSK	72	0	21.44	21.47	21.43	23	1			
15	QPSK	108	0	21.57	21.66	21.56	23	1			
15	QPSK	144	0	21.44	21.54	21.43	23	1			
15	QPSK	180	0	21.46	21.53	21.38	23	1			
15	QPSK	216	0	20.57	20.71	20.55	22	2			
15	QPSK	252	0	20.49	20.63	20.39	22	2			
15	QPSK	288	0	20.39	20.45	20.33	22	2			
15	QPSK	324	0	20.38	20.41	20.33	22	2			
15	QPSK	360	0	20.18	20.32	20.18	22	2			
15	QPSK	396	0	20.14	20.30	20.14	22	2			
15	QPSK	432	0	20.01	20.22	20.02	21	3			
15	QPSK	468	0	19.58	19.63	19.53	21	3			
15	QPSK	504	0	19.48	19.58	19.53	21	3			
15	QPSK	540	0	19.57	19.62	19.50	21	3			
Channel											
Frequency (MHz)				37650	38000	38150					
10	QPSK	1	0	22.58	22.79	22.83	24	0			
10	QPSK	1	25	22.68	22.71	22.66	24	0			
10	QPSK	1	48	22.60	22.64	22.47	23	1			
10	QPSK	25	0	21.47	21.59	21.45	23	1			
10	QPSK	25	25	21.48	21.63	21.47	23	1			
10	QPSK	50	0	21.47	21.47	21.42	23	1			
10	QPSK	50	25	21.59	21.67	21.46	23	1			
10	QPSK	75	0	21.51	21.58	21.46	23	1			
10	QPSK	100	0	20.60	20.72	20.69	22	2			
10	QPSK	125	0	20.43	20.66	20.46	22	2			
10	QPSK	150	0	20.54	20.57	20.46	22	2			
10	QPSK	175	0	20.51	20.58	20.51	22	2			
10	QPSK	200	0	20.33	20.37	20.27	22	2			
10	QPSK	225	0	20.17	20.29	20.11	22	2			
10	QPSK	250	0	20.18	20.26	20.18	22	2			
10	QPSK	275	0	19.65	19.70	19.71	21	3			
10	QPSK	300	0	19.59	19.68	19.67	21	3			
10	QPSK	325	0	19.52	19.66	19.53	21	3			
10	QPSK	350	0	19.53	19.71	19.65	21	3			
Channel											
Frequency (MHz)				37775	38000	38225					
5	QPSK	1	0	22.61	22.76	22.76	24	0			
5	QPSK	1	12	22.70	22.77	22.73	24	0			
5	QPSK	1	24	22.58	22.59	22.41	23	1			
5	QPSK	12	0	21.52	21.67	21.48	23	1			
5	QPSK	12	7	21.46	21.66	21.51	23	1			
5	QPSK	12	13	21.52	21.67	21.48	23	1			
5	QPSK	24	0	21.46	21.54	21.41	23	1			
5	QPSK	1	0	21.52	21.62	21.51	23	1			
5	QPSK	1	12	21.52	21.67	21.54	23	1			
5	QPSK	1	24	21.51	21.58	21.41	22	2			
5	QPSK	12	0	20.67	20.70	20.61	22	2			
5	QPSK	12	7	20.54	20.69	20.54	22	2			
5	QPSK	12	13	20.48	20.66	20.47	22	2			
5	QPSK	24	0	20.47	20.61	20.37	22	2			
5	QPSK	24	7	20.35	20.63	20.35	22	2			
5	QPSK	24	13	20.28	20.26	20.21	21	3			
5	QPSK	24	19	19.51	19.59	19.54	21	3			
5	QPSK	24	25	19.64	19.72	19.62	21	3			
5	QPSK	24	31	19.51	19.65	19.54	21	3			
5	QPSK	24	37	19.58	19.63	19.62	21	3			

Band 41 Ant 1										
BW [MHz]	Modulation	RIS Size	RIS Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MFR (dB)		
Channel										
Frequency (MHz)				39750	40185	40620	41005	41490		
20	QPSK	1	0	22.90	22.73	22.63	24	0		
20	QPSK	1	48	22.90	22.84	22.90	24	0		
20	QPSK	1	96	22.74	22.86	22.81	23	1		
20	QPSK	50	0	20.98	20.98	21.05	20	2		
20	QPSK	50	24	20.94	20.82	20.98	20	2		
20	QPSK	50	48	20.95	20.87	21.01	20	2		
20	QPSK	100	0	20.95	20.83	20.95	20	2		
20	QPSK	100	24	21.98	21.76	22.05	21	3		
20	QPSK	100	48	21.94	21.84	21.88	21	3		
20	QPSK	100	72	21.97	21.70	21.98	21	3		
20	QPSK	100	96	21.07	20.89	21.13	21	3		
20	QPSK	100	120	21.09	20.83	21.00	20	2		
20	QPSK	100	144	20.86	20.86	21.08	21	3		
20	QPSK	100	168	20.99	20.80	20.99	21	3		
20	QPSK	100	192	20.45	20.38	20.55	20	2		
20	QPSK	100	216	20.45	20.39	20.46	20	2		
20	QPSK	100	240	20.25	19.83	20.15	20	2		
20	QPSK	100	264	20.02	19.78	20.10	19	3		
20	QPSK	100	288	19.99	19.76	20.08	19	3		
20	QPSK	100	312	19.68	19.80	20.04	19	3		
20	QPSK	100	336	19.72	19.83	20.00	19	3		
20	QPSK	100	360	20.03	20.13	20.03	22	2		
15	QPSK	1	0	22.82	22.68	22.88	22	2		
15	QPSK	1	37	22.78	22.74	22.61	22	2		
15	QPSK	1	74	22.05	22.06	22.70	22	2		
15	QPSK	36	0	20.87	20.82	20.94	20	2		
15	QPSK	36	36	20.86	20.74	20.96	20	2		
15	QPSK	72	0	20.80	20.81	20.95	20	2		
15	QPSK	72	36	20.92	20.78	20.84	20	2		
15	QPSK	108	0	21.82	21.66	21.85	21	3		
15	QPSK	108	36	21.66	21.62	21.77	21	3		
15	QPSK	144	0	21.71	21.59	21.66	21	3		
15	QPSK	180	0	21.60	21.60	21.80	21	3		
15	QPSK	216	0	20.88	20.79	20.90	20	2		
15	QPSK	252	0	20.75	20.72	20.87	20	2		
15	QPSK	288	0	20.76	20.68	20.88	20	2		
15	QPSK	324	0	20.41	20.32	20.44	20	2		
15	QPSK	360	0	20.32	20.32	20.32	20	2		
15	QPSK	396	0	20.38	20.36	20.32	20	2		
15	QPSK	432	0	20.01	19.89	20.02	19			



GSM850 Ant3 DS12

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.08	28.12	27.98	29.50	19.08	19.12	18.98	20.50
GPRS 1 Tx slot	27.96	28.08	27.85	29.50	18.96	19.08	18.85	20.50
GPRS 2 Tx slots	26.90	27.03	26.77	28.50	20.90	21.03	20.77	22.50
GPRS 3 Tx slots	24.96	25.05	24.90	26.50	20.70	20.79	20.54	22.24
GPRS 4 Tx slots	23.95	24.10	23.90	25.50	20.95	21.10	20.90	22.50
EDGE 1 Tx slot	26.75	26.81	26.68	28.00	17.75	17.81	17.68	19.00
EDGE 2 Tx slots	25.84	25.91	25.62	27.00	19.84	19.91	19.62	21.00
EDGE 3 Tx slots	23.71	23.78	23.52	25.00	19.45	19.52	19.26	20.74
EDGE 4 Tx slots	22.51	22.56	22.27	23.50	19.51	19.56	19.27	20.50

GSM1900 Ant3 DS12

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	20.93	21.10	21.08	22.00	11.93	12.10	12.08	13.00
GPRS 1 Tx slot	20.83	21.05	20.99	22.00	11.83	12.05	11.99	13.00
GPRS 2 Tx slots	20.11	20.32	20.19	21.00	14.11	14.32	14.19	15.00
GPRS 3 Tx slots	18.17	18.28	18.16	19.00	13.91	14.02	13.90	14.74
GPRS 4 Tx slots	17.01	17.22	17.11	18.00	14.01	14.22	14.11	15.00
EDGE 1 Tx slot	17.33	17.41	17.43	18.50	8.33	8.51	8.43	9.50
EDGE 2 Tx slots	16.29	16.48	16.36	17.50	10.29	10.48	10.36	11.50
EDGE 3 Tx slots	13.88	14.12	14.02	15.50	9.62	9.86	9.76	11.24
EDGE 4 Tx slots	12.77	12.88	12.72	14.00	9.77	9.88	9.72	11.00

WCDMA II Ant3 DS12

WCDMA V Ant3 DS12

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9282	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	12.66	12.75	12.71	14.00	18.86	18.90	18.84	20.00
3GPP Rel 99 AMR 12.2Kbps	12.70	12.81	12.76	14.00	18.87	18.95	18.92	20.00
3GPP Rel 6 HSDPA Subtest-1	11.93	11.88	11.68	13.00	17.85	18.09	17.78	19.00
3GPP Rel 6 HSDPA Subtest-2	11.55	11.67	11.58	13.00	17.72	17.80	17.61	19.00
3GPP Rel 6 HSDPA Subtest-3	11.09	11.06	10.92	12.50	17.12	17.28	17.14	18.50
3GPP Rel 6 HSDPA Subtest-4	11.02	11.03	11.06	12.50	17.11	17.14	17.22	18.50
3GPP Rel 6 DC-HSDPA Subtest-1	11.59	11.73	11.54	13.00	17.73	17.87	17.63	19.00
3GPP Rel 6 DC-HSDPA Subtest-2	11.32	11.29	11.57	13.00	17.58	17.48	17.57	19.00
3GPP Rel 6 DC-HSDPA Subtest-3	10.91	11.12	10.87	12.50	16.86	17.15	16.95	18.50
3GPP Rel 6 DC-HSDPA Subtest-4	10.90	10.99	10.85	12.50	17.01	17.05	17.05	18.50
3GPP Rel 6 HSUPA Subtest-1	11.64	11.85	11.44	13.00	17.87	17.84	17.72	19.00
3GPP Rel 6 HSUPA Subtest-2	9.85	9.91	9.81	11.00	15.95	15.89	15.96	17.00
3GPP Rel 6 HSUPA Subtest-3	10.70	10.86	10.78	12.00	16.85	16.86	16.85	18.00
3GPP Rel 6 HSUPA Subtest-4	9.65	9.68	9.54	11.00	15.77	15.70	15.51	17.00
3GPP Rel 6 HSUPA Subtest-5	11.58	11.65	11.68	13.00	17.58	17.56	17.66	19.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	9.37	9.28	9.37	10.50	15.34	15.36	15.43	16.50

**Band 2 Ant 3**

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	1850	1880	1900		
20	QPSK	1	49	1230	1235	1220	14	0
20	QPSK	1	99	1226	1235	1224		
20	QPSK	50	0	1227	1232	1217		
20	QPSK	50	24	1216	1228	1223	14	0
20	QPSK	50	50	1214	1228	1214		
20	QPSK	100	0	1227	1234	1230		
20	16QAM	1	0	1824	1829	1821		
20	16QAM	1	49	1214	1226	1221	14	0
20	16QAM	1	99	1217	1226	1222		
20	16QAM	50	0	1219	1231	1223		
20	16QAM	50	24	1220	1228	1214		
20	16QAM	50	50	1224	1234	1224	14	0
20	16QAM	100	0	1217	1225	1220		
20	16QAM	1	0	1213	1228	1224		
20	16QAM	1	49	1226	1233	1222	14	0
20	16QAM	1	99	1217	1229	1219		
20	16QAM	50	0	1214	1223	1218		
20	16QAM	50	24	1225	1231	1226		
20	16QAM	50	50	1223	1231	1219	14	0
20	16QAM	100	0	1216	1224	1217		
Channel								
Frequency (MHz)								
15	QPSK	1	0	1865	1890	1915		
15	QPSK	1	37	1224	1231	1209	14	0
15	QPSK	1	74	1213	1226	1214		
15	QPSK	35	0	1227	1217	1212		
15	QPSK	35	20	1210	1215	1219	14	0
15	QPSK	35	39	1201	1224	1203		
15	QPSK	75	0	1221	1230	1224		
15	16QAM	1	0	1211	1218	1209		
15	16QAM	1	37	1204	1213	1210	14	0
15	16QAM	1	74	1209	1214	1212		
15	16QAM	35	0	1206	1220	1212		
15	16QAM	35	20	1207	1222	1210	14	0
15	16QAM	35	39	1216	1222	1221		
15	16QAM	75	0	1212	1212	1208		
15	16QAM	1	0	1204	1215	1213		
15	16QAM	1	37	1218	1223	1217	14	0
15	16QAM	1	74	1206	1216	1209		
15	16QAM	35	0	1201	1215	1204		
15	16QAM	35	20	1218	1226	1212	14	0
15	16QAM	35	39	1209	1228	1212		
15	16QAM	75	0	1211	1218	1209		
Channel								
Frequency (MHz)								
10	QPSK	1	0	1855	1880	1905		
10	QPSK	1	25	1216	1228	1210	14	0
10	QPSK	1	49	1213	1225	1216		
10	QPSK	25	0	1212	1222	1212		
10	QPSK	25	12	1210	1216	1220	14	0
10	QPSK	25	25	1205	1215	1205		
10	QPSK	50	0	1222	1220	1220		
10	16QAM	1	0	1211	1224	1216		
10	16QAM	1	25	1201	1223	1213	14	0
10	16QAM	1	49	1203	1217	1209		
10	16QAM	25	0	1210	1223	1214		
10	16QAM	25	12	1210	1215	1210	14	0
10	16QAM	25	25	1220	1230	1204		
10	16QAM	50	0	1214	1217	1219		
10	16QAM	1	0	1201	1220	1209	14	0
10	16QAM	1	25	1213	1222	1219		
10	16QAM	1	49	1202	1220	1212		
10	16QAM	25	0	1202	1214	1210		
10	16QAM	25	12	1213	1216	1218	14	0
10	16QAM	25	25	1218	1228	1213		
10	16QAM	50	0	1211	1211	1211		
Channel								
Frequency (MHz)								
5	QPSK	1	0	1825	1890	1915		
5	QPSK	1	0	1223	1235	1225	14	0
5	QPSK	1	12	1218	1221	1216		
5	QPSK	1	24	1223	1221	1215		
5	QPSK	12	0	1220	1219	1212	14	0
5	QPSK	12	7	1208	1215	1217		
5	QPSK	12	13	1203	1215	1201		
5	QPSK	25	0	1216	1229	1225		
5	16QAM	1	0	1217	1216	1209		
5	16QAM	1	12	1206	1216	1213	14	0
5	16QAM	1	24	1205	1213	1211		
5	16QAM	12	0	1208	1220	1216		
5	16QAM	12	7	1212	1220	1204	14	0
5	16QAM	12	13	1218	1229	1211		
5	16QAM	25	0	1205	1213	1206		
5	16QAM	1	0	1205	1221	1215		
5	16QAM	1	12	1221	1220	1208	14	0
5	16QAM	1	24	1213	1225	1212		
5	16QAM	12	0	1204	1219	1212		
5	16QAM	12	7	1219	1218	1214	14	0
5	16QAM	12	13	1212	1222	1204		
5	16QAM	25	0	1211	1219	1211		
Channel								
Frequency (MHz)								
3	QPSK	1	0	1851	1880	1908.5		
3	QPSK	1	8	1216	1234	1227	14	0
3	QPSK	1	14	1213	1229	1218		
3	QPSK	8	0	1214	1224	1206		
3	QPSK	8	4	1210	1223	1212	14	0
3	QPSK	8	7	1202	1235	1201		
3	QPSK	15	0	1223	1225	1216		
3	16QAM	1	0	1216	1214	1217		
3	16QAM	1	8	1206	1212	1216	14	0
3	16QAM	1	14	1209	1217	1211		
3	16QAM	8	0	1206	1228	1218		
3	16QAM	8	4	1210	1213	1205	14	0
3	16QAM	8	7	1219	1222	1219		
3	16QAM	15	0	1205	1219	1211		
3	16QAM	1	0	1207	1220	1217	14	0
3	16QAM	1	8	1214	1220	1207		
3	16QAM	1	14	1213	1216	1204		
3	16QAM	8	0	1209	1211	1208		
3	16QAM	8	4	1221	1224	1220	14	0
3	16QAM	8	7	1210	1218	1206		
3	16QAM	15	0	1205	1213	1213		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	1857	1880	1909.3		
1.4	QPSK	1	0	1220	1226	1225	14	0
1.4	QPSK	1	3	1220	1225	1211		
1.4	QPSK	1	5	1218	1225	1220		
1.4	QPSK	3	0	1223	1225	1205		
1.4	QPSK	3	1	1211	1218	1209	14	0
1.4	QPSK	3	3	1207	1225	1211		
1.4	QPSK	6	0	1217	1230	1225	14	0
1.4	16QAM	1	0	1215	1214	1217		
1.4	16QAM	1	3	1218	1216	1216	14	0
1.4	16QAM	1	5	1203	1212	1209		
1.4	16QAM	3	0	1207	1217	1219	14	0
1.4	16QAM	3	1	1212	1215	1209		
1.4	16QAM	3	3	1217	1221	1213		
1.4	16QAM	6	0	1211	1210	1214	14	0
1.4	16QAM	1	0	1201	1215	1220		
1.4	16QAM	1	3	1220	1223	1208		
1.4	16QAM	1	5	1202	1222	1212	14	0
1.4	16QAM	3	0	1208	1218	1209		
1.4	16QAM	3	1	1218	1224	1223		
1.4	16QAM	3	3	1215	1217	1213		
1.4	16QAM	6	0	1213	1218	1210	14	0

Band 5 Ant 3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	2040	2052.5	2060		
20	QPSK	1	25	1914	1923	1911		
20	QPSK	1	25	1900	1913	1911	20.5	0
20	QPSK	1	49	1909	1920	1902		
20	QPSK	25	0	1916	1918	1900		
20	QPSK	25	12	1905	1914	1903	20.5	0
20	QPSK	25	25	1905	1909	1895		
20	QPSK	50	0	1903	1911	1894		
20	16QAM	1	0	1905	1907	1902		
20	16QAM	1	25	1914	1905	1896	20.5	0
20	16QAM	1	49	1902	1908	1893		
20	16QAM	25	0	1913	1915	1912		
20	16QAM	25	12	1901	1915	1913	20.5	0
20	16QAM	25	25	1910	1910	1907		
20	16QAM	50	0	1902	1911	1903		
20	16QAM	1	0	1897	1911	1896		
20	16QAM	1	25	1903	1915	1898	20.5	0
20	16QAM	1	49	1900	1905	1907		
20	16QAM	25	0	1899	1905	1897		
20	16QAM	25	12	1847	1862	1876	20	0.5
20	16QAM	25	25	1855	1871	1858		
20	16QAM	50	0	1876	1873	1874		
Channel								
Frequency (MHz)								
5	QPSK	1	0	2042.5	2052.5	2062.5		
5	QPSK	1	12	1906	1913	1898	20.5	0
5	QPSK	1	24	1906	1911	1898		
5	QPSK	12	0	1903	1906	1891		
5	QPSK	12	7	1893	1899	1891	20.5	0
5	QPSK	12	13	1890	1896	1887		
5	QPSK	25	0	1894	1905	1884		
5	16QAM	1	0	1892	1993	1893		
5	16QAM	1	12	1892	1894	1893	20.5	0
5	16QAM	1	24	1895	1895	1885		
5	16QAM	12	0	1904	1906	1907		
5	16QAM	12	7	1892	1907	1893	20.5	0
5	16QAM	12	13	1898	1905	1904		
5	16QAM	25	0	1892	1901	1897		
5	16QAM	1	0	1889	1906	1890		
5	16QAM	1	12	1892	1911	1893	20.5	0
5	16QAM	1	24	1887	1894	1894		
5	16QAM	12	0	1861	1856	1847		
5	16QAM	12	7	1840	1857	1862	20	0.5
5	16QAM	12	13	1846	1867	1850		
5	16QAM	25	0	1				



Band 13 Ant 3										
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				23230						
Frequency (MHz)				732						
10	QPSK	1	0	19.85	19.74	19.74	21.5	0		
10	QPSK	1	25	19.74	19.74	19.74				
10	QPSK	1	49	19.71	19.71	19.71				
10	QPSK	25	0	19.77	19.77	19.77	21.5	0		
10	QPSK	25	12	19.74	19.74	19.74				
10	QPSK	25	25	19.72	19.72	19.72				
10	QPSK	50	0	19.75	19.75	19.75	21.5	0		
10	16QAM	1	0	19.74	19.74	19.74				
10	16QAM	1	25	19.72	19.72	19.72				
10	16QAM	1	49	19.70	19.70	19.70	21	0.5		
10	16QAM	25	0	19.37	19.37	19.37				
10	16QAM	25	12	19.35	19.35	19.35				
10	16QAM	25	25	19.41	19.41	19.41	21	0.5		
10	16QAM	50	0	19.45	19.45	19.45				
10	64QAM	1	0	19.37	19.37	19.37				
10	64QAM	1	25	19.47	19.47	19.47	21	0.5		
10	64QAM	1	49	19.45	19.45	19.45				
10	64QAM	25	0	18.49	18.49	18.49				
10	64QAM	25	12	18.38	18.38	18.38	20	1.5		
10	64QAM	25	25	18.52	18.52	18.52				
10	64QAM	50	0	18.49	18.49	18.49				
Channel				23205						
Frequency (MHz)				779.5						
5	QPSK	1	0	19.70	19.75	19.72	21.5	0		
5	QPSK	1	12	19.64	19.66	19.60				
5	QPSK	1	24	19.67	19.60	19.57				
5	QPSK	12	0	19.63	19.72	19.67	21.5	0		
5	QPSK	12	7	19.62	19.61	19.64				
5	QPSK	12	13	19.62	19.64	19.65				
5	QPSK	25	0	19.69	19.67	19.65	21.5	0		
5	16QAM	1	0	19.70	19.71	19.69				
5	16QAM	1	12	19.59	19.67	19.65				
5	16QAM	1	24	19.76	19.65	19.68	21	0.5		
5	16QAM	12	0	19.23	19.32	19.30				
5	16QAM	12	7	19.22	19.22	19.31				
5	16QAM	12	13	19.24	19.27	19.38	21	0.5		
5	16QAM	25	0	19.35	19.36	19.34				
5	64QAM	1	0	19.32	19.29	19.23				
5	64QAM	1	12	19.41	19.34	19.44	21	0.5		
5	64QAM	1	24	19.36	19.42	19.37				
5	64QAM	12	0	18.43	18.43	18.36				
5	64QAM	12	7	18.29	18.29	18.23	20	1.5		
5	64QAM	12	13	18.44	18.45	18.37				
5	64QAM	25	0	18.35	18.43	18.44				

Band 14 Ant 3										
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				23330						
Frequency (MHz)				733						
10	QPSK	1	0	20.32	20.24	20.24	22	0		
10	QPSK	1	25	20.24	20.24	20.24				
10	QPSK	1	49	20.19	20.19	20.19				
10	QPSK	25	0	20.20	20.20	20.20	22	0		
10	QPSK	25	12	20.11	20.11	20.11				
10	QPSK	25	25	20.14	20.14	20.14				
10	QPSK	50	0	20.13	20.13	20.13	22	0		
10	16QAM	1	0	20.13	20.13	20.13				
10	16QAM	1	25	20.09	20.09	20.09				
10	16QAM	1	49	20.15	20.15	20.15	21	1		
10	16QAM	25	0	19.35	19.35	19.35				
10	16QAM	25	12	19.46	19.46	19.46				
10	16QAM	25	25	19.41	19.41	19.41	21	1		
10	16QAM	50	0	19.47	19.47	19.47				
10	64QAM	1	0	19.40	19.40	19.40				
10	64QAM	1	25	19.51	19.51	19.51	21	1		
10	64QAM	1	49	19.51	19.51	19.51				
10	64QAM	25	0	18.47	18.47	18.47				
10	64QAM	25	12	18.50	18.50	18.50	20	2		
10	64QAM	25	25	18.51	18.51	18.51				
10	64QAM	50	0	18.40	18.40	18.40				
Channel				23305						
Frequency (MHz)				790.5						
5	QPSK	1	0	20.26	20.20	20.25	22	0		
5	QPSK	1	12	20.10	20.13	20.11				
5	QPSK	1	24	20.09	20.14	20.06				
5	QPSK	12	0	20.12	20.06	20.09	22	0		
5	QPSK	12	7	20.04	20.04	20.07				
5	QPSK	12	13	20.06	20.01	20.04				
5	QPSK	25	0	20.10	20.09	20.10	22	0		
5	16QAM	1	0	20.09	20.04	20.10				
5	16QAM	1	12	20.18	20.16	20.01				
5	16QAM	1	24	20.01	20.03	20.11	21	1		
5	16QAM	12	0	19.30	19.20	19.26				
5	16QAM	12	7	19.34	19.35	19.42				
5	16QAM	12	13	19.38	19.28	19.35	21	1		
5	16QAM	25	0	19.43	19.42	19.32				
5	64QAM	1	0	19.27	19.27	19.27				
5	64QAM	1	12	19.43	19.38	19.40	21	1		
5	64QAM	1	24	19.36	19.39	19.39				
5	64QAM	12	0	18.36	18.43	18.41				
5	64QAM	12	7	18.39	18.37	18.47	20	2		
5	64QAM	12	13	18.40	18.37	18.45				
5	64QAM	25	0	18.32	18.33	18.32				

Band 17 Ant 3										
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				23780						
Frequency (MHz)				719						
10	QPSK	1	0	19.92	19.88	19.70	21.5	0		
10	QPSK	1	25	19.71	19.63	19.68				
10	QPSK	1	49	19.80	19.74	19.70				
10	QPSK	25	0	19.68	19.82	19.65	21.5	0		
10	QPSK	25	12	19.58	19.59	19.63				
10	QPSK	25	25	19.77	19.67	19.60				
10	QPSK	50	0	19.75	19.76	19.70	21.5	0		
10	16QAM	1	0	19.60	19.60	19.59				
10	16QAM	1	25	19.59	19.61	19.58				
10	16QAM	1	49	19.64	19.53	19.61	21	0.5		
10	16QAM	25	0	19.10	19.38	19.11				
10	16QAM	25	12	19.01	19.11	19.08				
10	16QAM	25	25	19.22	19.20	19.08	21	0.5		
10	16QAM	50	0	19.29	19.25	19.20				
10	64QAM	1	0	19.04	19.13	19.12				
10	64QAM	1	25	19.13	19.11	19.11	21	0.5		
10	64QAM	1	49	19.08	19.10	19.07				
10	64QAM	25	0	18.11	18.37	18.09				
10	64QAM	25	12	18.12	18.16	18.10	20	1.5		
10	64QAM	25	25	18.21	18.15	18.09				
10	64QAM	50	0	18.31	18.24	18.20				
Channel				23755						
Frequency (MHz)				706.5						
5	QPSK	1	0	19.70	19.87	19.79	21.5	0		
5	QPSK	1	12	19.69	19.57	19.60				
5	QPSK	1	24	19.78	19.65	19.64				
5	QPSK	12	0	19.64	19.81	19.56	21.5	0		
5	QPSK	12	7	19.55	19.65	19.51				
5	QPSK	12	13	19.75	19.63	19.59				
5	QPSK	25	0	19.71	19.65	19.64	21.5	0		
5	16QAM	1	0	19.56	19.58	19.66				
5	16QAM	1	12	19.57	19.52	19.55				
5	16QAM	1	24	19.54	19.58	19.60	21	0.5		
5	16QAM	12	0	19.32	19.33	19.00				
5	16QAM	12	7	19.00	19.03	19.12				
5	16QAM	12	13	19.12	19.19	19.05	21	0.5		
5	16QAM	25	0	19.28	19.23	19.11				
5	64QAM	1	0	19.00	19.12	19.03				
5	64QAM	1	12	19.10	19.00	19.06	21	0.5		
5	64QAM	1	24	19.01	19.10	19.02				
5	64QAM	12	0	18.03	18.35	18.02				
5	64QAM	12	7	18.11	18.15	18.02	20	1.5		
5	64QAM	12	13	18.20	18.05	18.03				
5	64QAM	25	0	18.29	18.21	18.15				



Band 25 Ant 3										
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				26140	26340	26590				
Frequency (MHz)				1850	1860	1870				
20	QPSK	1	0	12.31	12.44	12.39				
20	QPSK	1	49	12.29	12.40	12.36		14	0	
20	QPSK	1	99	12.21	12.32	12.27				
20	QPSK	50	0	12.35	12.38	12.26				
20	QPSK	50	24	12.24	12.31	12.17		14	0	
20	QPSK	50	50	12.17	12.32	12.29				
20	QPSK	100	0	12.26	12.37	12.24				
20	16QAM	1	0	12.26	12.38	12.35				
20	16QAM	1	49	12.29	12.40	12.35		14	0	
20	16QAM	1	99	12.25	12.32	12.27				
20	16QAM	50	0	12.25	12.33	12.20				
20	16QAM	50	24	12.30	12.35	12.27				
20	16QAM	50	50	12.28	12.31	12.24		14	0	
20	16QAM	100	0	12.32	12.39	12.32				
20	64QAM	1	0	12.26	12.34	12.21				
20	64QAM	1	49	12.25	12.38	12.29		14	0	
20	64QAM	1	99	12.24	12.32	12.22				
20	64QAM	50	0	12.23	12.36	12.22				
20	64QAM	50	24	12.20	12.34	12.20		14	0	
20	64QAM	50	50	12.31	12.38	12.32				
20	64QAM	100	0	12.24	12.30	12.27				
Channel				26115	26340	26615				
Frequency (MHz)				1857.5	1880	1907.5				
15	QPSK	1	0	12.21	12.35	12.32				
15	QPSK	1	37	12.24	12.27	12.31		14	0	
15	QPSK	1	74	12.11	12.18	12.16				
15	QPSK	36	0	12.24	12.23	12.17				
15	QPSK	36	20	12.17	12.18	12.11		14	0	
15	QPSK	36	39	12.06	12.21	12.25				
15	QPSK	75	0	12.12	12.33	12.16				
15	16QAM	1	0	12.14	12.25	12.27				
15	16QAM	1	37	12.18	12.33	12.27		14	0	
15	16QAM	1	74	12.16	12.29	12.19				
15	16QAM	36	0	12.12	12.25	12.17				
15	16QAM	36	20	12.15	12.23	12.17		14	0	
15	16QAM	36	39	12.21	12.19	12.10				
15	16QAM	75	0	12.20	12.24	12.27				
15	64QAM	1	0	12.20	12.22	12.16				
15	64QAM	1	37	12.11	12.28	12.21		14	0	
15	64QAM	1	74	12.21	12.25	12.12				
15	64QAM	36	0	12.15	12.25	12.18				
15	64QAM	36	20	12.14	12.29	12.06		14	0	
15	64QAM	36	39	12.22	12.24	12.09				
15	64QAM	75	0	12.19	12.23	12.13				
Channel				26090	26340	26540				
Frequency (MHz)				1855	1860	1910				
10	QPSK	1	0	12.25	12.38	12.30				
10	QPSK	1	25	12.20	12.32	12.29		14	0	
10	QPSK	1	49	12.14	12.28	12.19				
10	QPSK	25	0	12.29	12.28	12.21				
10	QPSK	25	12	12.21	12.20	12.03		14	0	
10	QPSK	25	25	12.08	12.29	12.19				
10	QPSK	50	0	12.15	12.24	12.14				
10	16QAM	1	0	12.14	12.27	12.31				
10	16QAM	1	25	12.19	12.37	12.32		14	0	
10	16QAM	1	49	12.14	12.23	12.13				
10	16QAM	25	0	12.20	12.28	12.09				
10	16QAM	25	12	12.22	12.23	12.24		14	0	
10	16QAM	25	25	12.18	12.21	12.20				
10	16QAM	50	0	12.23	12.31	12.28				
10	64QAM	1	0	12.19	12.19	12.12		14	0	
10	64QAM	1	25	12.17	12.33	12.20				
10	64QAM	1	49	12.12	12.26	12.19				
10	64QAM	25	0	12.10	12.29	12.07				
10	64QAM	25	12	12.15	12.25	12.16		14	0	
10	64QAM	25	25	12.24	12.32	12.21				
10	64QAM	50	0	12.13	12.24	12.23				
Channel				26065	26340	26665				
Frequency (MHz)				1852.5	1880	1912.5				
5	QPSK	1	0	12.19	12.36	12.33				
5	QPSK	1	12	12.23	12.30	12.30		14	0	
5	QPSK	1	24	12.11	12.25	12.20				
5	QPSK	12	0	12.23	12.23	12.23				
5	QPSK	12	7	12.15	12.18	12.03		14	0	
5	QPSK	12	13	12.04	12.29	12.24				
5	QPSK	25	0	12.18	12.33	12.10				
5	16QAM	1	0	12.11	12.26	12.26				
5	16QAM	1	12	12.17	12.30	12.27		14	0	
5	16QAM	1	24	12.13	12.18	12.23				
5	16QAM	12	0	12.20	12.28	12.10				
5	16QAM	12	7	12.27	12.27	12.16		14	0	
5	16QAM	12	13	12.21	12.20	12.14				
5	16QAM	25	0	12.25	12.30	12.18				
5	64QAM	1	0	12.17	12.21	12.08				
5	64QAM	1	12	12.11	12.25	12.20		14	0	
5	64QAM	1	24	12.12	12.22	12.12				
5	64QAM	12	0	12.19	12.27	12.14				
5	64QAM	12	7	12.17	12.27	12.09		14	0	
5	64QAM	12	13	12.25	12.27	12.27				
5	64QAM	25	0	12.17	12.21	12.20				
Channel				26065	26340	26675				
Frequency (MHz)				1851.5	1880	1913.5				
3	QPSK	1	0	12.21	12.36	12.28				
3	QPSK	1	8	12.22	12.35	12.31		14	0	
3	QPSK	1	14	12.09	12.24	12.22				
3	QPSK	8	0	12.21	12.23	12.11				
3	QPSK	8	4	12.09	12.18	12.11		14	0	
3	QPSK	8	7	12.09	12.33	12.17				
3	QPSK	15	0	12.17	12.28	12.10				
3	16QAM	1	0	12.11	12.23	12.26				
3	16QAM	1	8	12.19	12.29	12.27		14	0	
3	16QAM	1	14	12.13	12.25	12.18				
3	16QAM	8	0	12.12	12.29	12.09				
3	16QAM	8	4	12.20	12.24	12.12		14	0	
3	16QAM	8	7	12.16	12.26	12.20				
3	16QAM	15	0	12.27	12.27	12.18				
3	64QAM	1	0	12.20	12.20	12.18				
3	64QAM	1	8	12.16	12.34	12.14		14	0	
3	64QAM	1	14	12.20	12.21	12.18				
3	64QAM	8	0	12.10	12.21	12.09				
3	64QAM	8	4	12.07	12.20	12.09		14	0	
3	64QAM	8	7	12.25	12.30	12.17				
3	64QAM	15	0	12.11	12.23	12.24				
Channel				26047	26340	26663				
Frequency (MHz)				1850.7	1880	1914.3				
1.4	QPSK	1	0	12.17	12.33	12.29				
1.4	QPSK	1	3	12.21	12.35	12.30		14	0	
1.4	QPSK	1	5	12.17	12.26	12.16				
1.4	QPSK	3	0	12.28	12.28	12.13				
1.4	QPSK	3	1	12.10	12.22	12.03				
1.4	QPSK	3	3	12.03	12.27	12.25		14	0	
1.4	QPSK	6	0	12.22	12.23	12.09				
1.4	16QAM	1	0	12.23	12.25	12.22				
1.4	16QAM	1	3	12.16	12.33	12.28		14	0	
1.4	16QAM	1	5	12.17	12.22	12.15				
1.4	16QAM	3	0	12.16	12.25	12.08				
1.4	16QAM	3	1	12.20	12.31	12.12		14	0	
1.4	16QAM	3	3	12.24	12.24	12.16				
1.4	16QAM	6	0	12.25	12.30	12.17		14	0	
1.4	64QAM	1	0	12.16	12.26	12.11				
1.4	64QAM	1	3	12.14	12.27	12.19				
1.4										



Band 71 Ant 3

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				133222	133322	133372		
Frequency (MHz)				675	685	695		
20	QPSK	1	0	21.38	21.43	21.26	23	0
20	QPSK	1	49	21.33	21.40	21.31		
20	QPSK	1	99	21.35	21.39	21.24		
20	QPSK	50	0	20.37	20.45	20.36	22	1
20	QPSK	50	24	20.38	20.41	20.31		
20	QPSK	50	50	20.39	20.38	20.44		
20	QPSK	100	0	20.32	20.42	20.36	22	1
20	16QAM	1	0	20.34	20.41	20.36		
20	16QAM	1	49	20.41	20.45	20.44		
20	16QAM	1	99	20.41	20.36	20.36	21	2
20	16QAM	50	0	19.40	19.38	19.33		
20	16QAM	50	24	19.28	19.27	19.23		
20	16QAM	50	50	19.17	19.22	19.29	21	2
20	16QAM	100	0	19.22	19.19	19.27		
20	64QAM	1	0	19.53	19.46	19.46		
20	64QAM	1	49	19.51	19.42	19.46	21	2
20	64QAM	1	99	19.43	19.39	19.35		
20	64QAM	50	0	18.42	18.44	18.34		
20	64QAM	50	24	18.40	18.38	18.45	20	3
20	64QAM	50	50	18.39	18.41	18.47		
20	64QAM	100	0	18.54	18.47	18.49		
Channel				133197	133297	133397	Tune-up	MPR
Frequency (MHz)				670.5	680.5	690.5	limit (dBm)	(dB)
15	QPSK	1	0	21.27	21.35	21.21	23	0
15	QPSK	1	37	21.13	21.35	21.23		
15	QPSK	1	74	21.29	21.34	21.07		
15	QPSK	36	0	20.36	20.26	20.23	22	1
15	QPSK	36	20	20.27	20.27	20.17		
15	QPSK	36	39	20.25	20.22	20.24		
15	QPSK	75	0	20.15	20.24	20.35	22	1
15	16QAM	1	0	20.23	20.29	20.21		
15	16QAM	1	37	20.21	20.47	20.39		
15	16QAM	1	74	20.27	20.33	20.20	21	2
15	16QAM	36	0	19.39	19.25	19.24		
15	16QAM	36	20	19.41	19.27	19.23		
15	16QAM	36	39	19.17	19.01	19.11	21	2
15	16QAM	75	0	19.10	19.09	19.14		
15	64QAM	1	0	19.36	19.25	19.24		
15	64QAM	1	37	19.36	19.30	19.31	21	2
15	64QAM	1	74	19.28	19.37	19.30		
15	64QAM	36	0	18.39	18.32	18.15		
15	64QAM	36	20	18.19	18.28	18.42	20	3
15	64QAM	36	39	18.21	18.32	18.48		
15	64QAM	75	0	18.41	18.46	18.46		
Channel				133172	133272	133422	Tune-up	MPR
Frequency (MHz)				668	678	693	limit (dBm)	(dB)
10	QPSK	1	0	21.20	21.35	21.13	23	0
10	QPSK	1	25	21.20	21.37	21.13		
10	QPSK	1	49	21.33	21.33	21.05		
10	QPSK	25	0	20.29	20.46	20.29	22	1
10	QPSK	25	12	20.27	20.37	20.16		
10	QPSK	25	25	20.31	20.32	20.43		
10	QPSK	50	0	20.30	20.35	20.15	22	1
10	16QAM	1	0	20.29	20.24	20.29		
10	16QAM	1	25	20.34	20.29	20.40		
10	16QAM	1	49	20.33	20.17	20.21	21	2
10	16QAM	25	0	19.19	19.39	19.16		
10	16QAM	25	12	19.19	19.19	19.23		
10	16QAM	25	25	19.10	19.07	19.18	21	2
10	16QAM	50	0	19.14	19.01	19.19		
10	64QAM	1	0	19.39	19.33	19.31		
10	64QAM	1	25	19.36	19.42	19.47	21	2
10	64QAM	1	49	19.42	19.41	19.25		
10	64QAM	25	0	18.21	18.29	18.18		
10	64QAM	25	12	18.30	18.19	18.25	20	3
10	64QAM	25	25	18.39	18.24	18.32		
10	64QAM	50	0	18.37	18.36	18.35		
Channel				133147	133247	133447	Tune-up	MPR
Frequency (MHz)				665.5	675.5	695.5	limit (dBm)	(dB)
5	QPSK	1	0	21.18	21.37	21.17	23	0
5	QPSK	1	12	21.22	21.33	21.32		
5	QPSK	1	24	21.29	21.31	21.13		
5	QPSK	12	0	20.29	20.35	20.30	22	1
5	QPSK	12	7	20.34	20.38	20.21		
5	QPSK	12	13	20.28	20.25	20.37		
5	QPSK	25	0	20.23	20.35	20.23	22	1
5	16QAM	1	0	20.36	20.24	20.25		
5	16QAM	1	12	20.35	20.35	20.40		
5	16QAM	1	24	20.27	20.38	20.37	21	2
5	16QAM	12	0	19.29	19.24	19.13		
5	16QAM	12	7	19.17	19.29	19.03		
5	16QAM	12	13	19.17	19.07	19.20	21	2
5	16QAM	25	0	19.03	19.06	19.26		
5	64QAM	1	0	19.52	19.43	19.43		
5	64QAM	1	12	19.39	19.25	19.27	21	2
5	64QAM	1	24	19.33	19.24	19.26		
5	64QAM	12	0	18.30	18.28	18.31		
5	64QAM	12	7	18.24	18.39	18.35	20	3
5	64QAM	12	13	18.24	18.23	18.44		
5	64QAM	25	0	18.38	18.46	18.50		



Reduced Power Mode for DSI7

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
	824.2	836.4	848.8		824.2	836.4	848.8	
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	29.20	29.22	29.12	30.50	20.20	20.22	20.12	21.50
GPRS 1 Tx slots	28.13	28.16	28.02	30.50	20.13	20.16	20.02	21.50
GPRS 2 Tx slots	27.91	28.00	28.00	29.50	21.91	22.00	22.00	23.50
GPRS 3 Tx slots	25.86	26.02	25.92	27.50	21.60	21.76	21.66	23.24
GPRS 4 Tx slots	25.26	25.37	25.21	26.50	22.26	22.37	22.21	23.50
EDGE 1 Tx slot	23.36	23.40	23.35	24.50	14.36	14.40	14.35	15.50
EDGE 2 Tx slots	22.13	22.24	22.20	23.50	16.13	16.24	16.20	17.50
EDGE 3 Tx slots	19.78	19.92	19.89	21.50	15.52	15.66	15.63	17.24
EDGE 4 Tx slots	18.64	18.67	18.51	20.00	15.64	15.67	15.51	17.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	19.23	19.33	19.16	20.50	10.23	10.33	10.16	11.50
GPRS 1 Tx slots	19.17	19.29	19.20	20.50	10.17	10.29	10.20	11.50
GPRS 2 Tx slots	18.24	18.30	18.23	19.50	12.24	12.30	12.23	13.50
GPRS 3 Tx slots	16.29	16.37	16.24	17.50	12.03	12.11	11.98	13.24
GPRS 4 Tx slots	15.16	15.34	15.26	16.50	12.16	12.34	12.26	13.50
EDGE 1 Tx slot	14.79	14.91	14.79	16.00	5.79	5.91	5.79	7.00
EDGE 2 Tx slots	13.72	13.83	13.76	15.00	7.72	7.83	7.76	9.00
EDGE 3 Tx slots	11.48	11.57	11.52	13.00	7.22	7.31	7.26	8.74
EDGE 4 Tx slots	10.02	10.19	10.11	11.50	7.02	7.19	7.11	8.50

Band	WCDMA II Ant0 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI7			Tune-up Limit (dBm)	WCDMA V Ant0 DSI7			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
	3662	3600	3638		1537	1638	1738		4357	4407	4458		
Rx Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Frequency (MHz)	3662	3600	3638		1537	1638	1738		4357	4407	4458		
3GPP Rel 99	AMR 12.2Kbps	12.74	12.90	12.89	14.00	13.14	13.26	13.13	14.50	20.79	20.91	20.82	22.00
3GPP Rel 99	RM-C 12.2Kbps	12.80	12.95	12.88	14.00	13.22	13.34	13.09	14.50	20.88	20.95	20.90	22.00
3GPP Rel 6	HSDPA Subtest-1	11.90	11.87	11.67	13.00	12.24	12.27	12.01	13.50	20.01	19.98	19.87	21.00
3GPP Rel 6	HSDPA Subtest-2	11.59	11.83	11.54	13.00	12.11	12.12	12.05	13.50	19.66	19.71	19.62	21.00
3GPP Rel 6	HSDPA Subtest-3	11.00	11.10	11.06	12.50	11.57	11.64	11.54	13.00	19.00	19.01	19.12	20.50
3GPP Rel 6	HSDPA Subtest-4	11.15	11.04	11.24	12.50	11.40	11.53	11.54	13.00	19.10	19.05	19.07	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	11.63	11.62	11.67	13.00	12.11	12.16	12.00	13.50	19.74	19.75	19.70	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	11.50	11.46	11.52	13.00	11.82	11.89	11.93	13.50	19.44	19.46	19.53	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	10.87	11.03	10.76	12.50	11.31	11.49	11.18	13.00	18.94	19.00	18.80	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	10.90	11.05	11.02	12.50	11.29	11.53	11.45	13.00	18.87	19.08	19.09	20.50
3GPP Rel 6	HSUPA Subtest-1	11.85	11.98	11.62	13.00	12.21	12.10	12.02	13.50	19.80	19.97	19.66	21.00
3GPP Rel 6	HSUPA Subtest-2	9.79	9.88	9.97	11.00	10.31	10.26	10.40	11.50	17.71	18.02	17.82	19.00
3GPP Rel 6	HSUPA Subtest-3	10.88	10.78	10.79	12.00	11.29	11.36	11.11	12.50	18.83	18.90	18.71	20.00
3GPP Rel 6	HSUPA Subtest-4	9.73	9.66	9.51	11.00	10.06	10.10	10.00	11.50	17.61	17.75	17.58	19.00
3GPP Rel 6	HSUPA Subtest-5	11.56	11.59	11.60	13.00	11.91	11.97	12.14	13.50	19.56	19.60	19.62	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	9.31	9.27	9.44	10.50	9.67	9.74	9.88	11.00	17.19	17.26	17.44	18.50



Band 2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	1820	1880	1900			
20	QPSK	1	49	1221	1239	1233	14	0	
20	QPSK	1	99	1222	1243	1219			
20	QPSK	50	0	1225	1240	1239			
20	QPSK	50	24	1228	1232	1222	14	0	
20	QPSK	50	50	1230	1232	1222			
20	QPSK	100	0	1219	1238	1225			
20	16QAM	1	0	1229	1238	1231			
20	16QAM	1	49	1227	1241	1224	14	0	
20	16QAM	1	99	1225	1233	1228			
20	16QAM	50	0	1222	1233	1227			
20	16QAM	50	24	1233	1243	1227	14	0	
20	16QAM	50	50	1224	1244	1227			
20	16QAM	100	0	1220	1238	1214			
20	84QAM	1	0	1230	1229	1222			
20	84QAM	1	49	1226	1243	1237	14	0	
20	84QAM	1	99	1226	1237	1225			
20	84QAM	50	0	1225	1230	1226			
20	84QAM	50	24	1229	1240	1228	14	0	
20	84QAM	50	50	1238	1240	1226			
20	84QAM	100	0	1231	1231	1228			
Channel									
Frequency (MHz)									
15	QPSK	1	0	1875	1890	1915			
15	QPSK	1	37	1215	1227	1230	14	0	
15	QPSK	1	74	1209	1237	1216			
15	QPSK	36	0	1222	1230	1233			
15	QPSK	36	20	1214	1221	1208	14	0	
15	QPSK	36	39	1223	1227	1210			
15	QPSK	75	0	1204	1233	1219			
15	16QAM	1	0	1223	1232	1220			
15	16QAM	1	37	1213	1236	1215	14	0	
15	16QAM	1	74	1215	1224	1212			
15	16QAM	36	0	1217	1221	1222			
15	16QAM	36	20	1212	1230	1219	14	0	
15	16QAM	36	39	1217	1235	1220			
15	16QAM	75	0	1206	1226	1210			
15	84QAM	1	0	1226	1223	1214			
15	84QAM	1	37	1217	1229	1230	14	0	
15	84QAM	1	74	1229	1225	1211			
15	84QAM	36	20	1221	1234	1223	14	0	
15	84QAM	36	39	1224	1239	1222			
15	84QAM	75	0	1215	1218	1206			
Channel									
Frequency (MHz)									
10	QPSK	1	0	1850	1890	1910			
10	QPSK	1	0	1223	1238	1232			
10	QPSK	1	25	1215	1227	1221	14	0	
10	QPSK	1	49	1213	1231	1215			
10	QPSK	25	0	1219	1237	1227			
10	QPSK	25	12	1220	1226	1211	14	0	
10	QPSK	25	25	1222	1221	1209			
10	QPSK	50	0	1212	1238	1224			
10	16QAM	1	0	1216	1228	1216			
10	16QAM	1	25	1212	1238	1212	14	0	
10	16QAM	1	49	1215	1219	1220			
10	16QAM	25	0	1217	1224	1216			
10	16QAM	25	12	1223	1231	1220	14	0	
10	16QAM	25	25	1210	1240	1214			
10	16QAM	50	0	1209	1231	1209			
10	84QAM	1	0	1217	1226	1216	14	0	
10	84QAM	1	25	1215	1238	1229			
10	84QAM	1	49	1231	1231	1217			
10	84QAM	25	0	1211	1218	1212			
10	84QAM	25	12	1223	1225	1219	14	0	
10	84QAM	25	25	1226	1232	1213			
10	84QAM	50	0	1225	1221	1215			
Channel									
Frequency (MHz)									
5	QPSK	1	0	1825	1890	1915			
5	QPSK	1	0	1219	1239	1232			
5	QPSK	1	12	1210	1228	1204	14	0	
5	QPSK	1	24	1217	1229	1213			
5	QPSK	12	0	1214	1230	1230			
5	QPSK	12	7	1216	1227	1210	14	0	
5	QPSK	12	13	1217	1227	1208			
5	QPSK	25	0	1205	1224	1221			
5	16QAM	1	0	1219	1227	1219			
5	16QAM	1	12	1221	1237	1206	14	0	
5	16QAM	1	24	1216	1229	1217			
5	16QAM	12	0	1218	1218	1218			
5	16QAM	12	7	1228	1231	1217	14	0	
5	16QAM	12	13	1212	1233	1224			
5	16QAM	25	0	1209	1234	1208			
5	84QAM	1	0	1224	1222	1217			
5	84QAM	1	12	1217	1238	1233	14	0	
5	84QAM	1	24	1226	1229	1214			
5	84QAM	12	0	1217	1223	1212			
5	84QAM	12	7	1224	1234	1229	14	0	
5	84QAM	12	13	1229	1234	1217			
5	84QAM	25	0	1225	1224	1218			
Channel									
Frequency (MHz)									
3	QPSK	1	0	1851.5	1880	1908.5			
3	QPSK	1	8	1212	1224	1224	14	0	
3	QPSK	1	14	1219	1234	1210			
3	QPSK	8	0	1212	1237	1235			
3	QPSK	8	4	1225	1219	1218	14	0	
3	QPSK	8	7	1215	1235	1213			
3	QPSK	15	0	1204	1232	1210			
3	16QAM	1	0	1219	1226	1221			
3	16QAM	1	8	1218	1235	1207	14	0	
3	16QAM	1	14	1219	1225	1216			
3	16QAM	8	0	1213	1229	1222			
3	16QAM	8	4	1224	1231	1219	14	0	
3	16QAM	8	7	1217	1240	1212			
3	16QAM	15	0	1215	1227	1202			
3	84QAM	1	0	1216	1215	1211			
3	84QAM	1	8	1213	1238	1226	14	0	
3	84QAM	1	14	1232	1223	1215			
3	84QAM	8	0	1211	1222	1214			
3	84QAM	8	4	1222	1230	1221	14	0	
3	84QAM	8	7	1230	1237	1217			
3	84QAM	15	0	1223	1219	1217			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	1850.7	1880	1903.3			
1.4	QPSK	1	0	1221	1231	1228			
1.4	QPSK	1	3	1217	1230	1229	14	0	
1.4	QPSK	1	5	1218	1239	1210			
1.4	QPSK	3	0	1214	1228	1232			
1.4	QPSK	3	1	1220	1221	1214			
1.4	QPSK	3	3	1219	1225	1213			
1.4	QPSK	6	0	1205	1234	1219	14	0	
1.4	16QAM	1	0	1224	1230	1216			
1.4	16QAM	1	5	1221	1233	1215			
1.4	16QAM	1	5	1216	1220	1219	14	0	
1.4	16QAM	3	0	1214	1224	1215			
1.4	16QAM	3	1	1219	1237	1221			
1.4	16QAM	3	3	1210	1232	1220			
1.4	16QAM	6	0	1210	1226	1200	14	0	
1.4	84QAM	1	0	1222	1218	1218			
1.4	84QAM	1	3	1211	1229	1226			
1.4	84QAM	1	11	1228	1212	1219	14	0	
1.4	84QAM	1	5	1220	1216	1215			
1.4	84QAM	3	1	1223	1232	1224			
1.4	84QAM	3	3	1232	1236	1217			
1.4	84QAM	6	0	1222	1216	1214	14	0	

Band 4 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	1720	1723	1743			
20	QPSK	1	49	1270	1278	1277	14.5	0	
20	QPSK	1	99	1266	1270	1272			
20	QPSK	50	0	1268	1280	1266			
20	QPSK	50	24	1269	1277	1266	14.5	0	
20	QPSK	50	50	1269	1274	1277			
20	QPSK	100	0	1272	1284	1275			
20	16QAM	1	0	1269	1273	1271			
20	16QAM	1	49	1272	1273	1252	14.5	0	
20	16QAM	1	99	1270	1281	1285			
20	16QAM	50	0	1267	1283	1270			
20	16QAM	50	24	1272	1272	1275	14.5	0	
20	16QAM	50	50	1274	1279	1266			
20	16QAM	100	0	1269	1280	1271			
20	84QAM	1	0	1280	1284	1272			
20	84QAM	1	49	1272	1281	1274	14.5	0	
20	84QAM	1	99	1268	1278	1276			
20	84QAM	50	0	1269	1283	1271			
20	84QAM	50	24	1273	1278	1267	14.5	0	
20	84QAM	50	50	1272	1274	1272			
20	84QAM	100	0	1278	1279	1275			
Channel									
Frequency (MHz)									
15	QPSK	1	0	1717.5	1732.5	1747.5			
15	QPSK	1	37	1257	1273	1266	14.5	0	
15	QPSK	1	74	1252	1265	1262			
15	QPSK	36	0	1259	1277	1257			
15	QPSK	36	20	1256	1273	1263	14.5	0	
15	QPSK	36	39	1264	1280	1272			
15	QPSK	75	0	1268	1276	1262			
15	16QAM	1	0	1263	1265	1262			
15	16QAM	1	37	1255	1266	1253	14.5	0	
15	16QAM	1	74	1258	1269	1259			
15	16QAM	36	0	1257	1278	1259			
15	16QAM	36	20	1259	1269	1253	14.5	0	
15	16QAM	36	39	1269	126				



Band 12 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				734	707.5	713			
10	QPSK	1	0	22.35	22.39	22.32	24	0	
10	QPSK	1	25	22.21	22.29	22.13			
10	QPSK	1	49	22.23	22.27	22.30			
10	QPSK	25	0	21.43	21.47	21.40	23	1	
10	QPSK	25	12	21.39	21.39	21.42			
10	QPSK	25	25	21.43	21.35	21.44			
10	QPSK	50	0	21.35	21.43	21.41	23	1	
10	16QAM	1	0	21.43	21.32	21.39			
10	16QAM	1	25	21.37	21.35	21.42			
10	16QAM	1	49	21.30	21.33	21.45	22	2	
10	16QAM	25	0	20.51	20.82	20.61			
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38	22	1.5	
10	16QAM	50	0	20.39	20.34	20.37			
10	64QAM	1	0	20.61	20.42	20.53			
10	64QAM	1	25	20.26	20.41	20.47	22	2	
10	64QAM	1	49	20.38	20.31	20.31			
10	64QAM	25	0	19.44	19.55	19.37			
10	64QAM	25	12	19.42	19.39	19.50	21	3	
10	64QAM	25	25	19.49	19.57	19.49			
10	64QAM	50	0	19.50	19.40	19.56			
Channel									
Frequency (MHz)				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.18	22.34	22.31	24	0	
5	QPSK	1	12	22.17	22.23	22.07			
5	QPSK	1	24	22.07	22.15	22.23			
5	QPSK	12	0	21.41	21.38	21.23	23	1	
5	QPSK	12	7	21.24	21.33	21.32			
5	QPSK	12	13	21.36	21.15	21.30			
5	QPSK	25	0	21.25	21.31	21.31	23	1	
5	16QAM	1	0	21.24	21.30	21.20			
5	16QAM	1	12	21.29	21.32	21.41			
5	16QAM	1	24	21.15	21.18	21.30	22	2	
5	16QAM	12	0	20.40	20.44	20.51			
5	16QAM	12	7	20.38	20.41	20.27			
5	16QAM	12	13	20.43	20.40	20.25	22	1.5	
5	16QAM	25	0	20.31	20.33	20.18			
5	64QAM	1	0	20.59	20.26	20.46			
5	64QAM	1	12	20.25	20.34	20.28	22	2	
5	64QAM	1	24	20.20	20.24	20.25			
5	64QAM	12	0	19.41	19.40	19.35			
5	64QAM	12	7	19.36	19.33	19.37	21	3	
5	64QAM	12	13	19.36	19.38	19.29			
5	64QAM	25	0	19.46	19.33	19.38			
Channel									
Frequency (MHz)				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.34	22.25	22.14	24	0	
3	QPSK	1	8	22.16	22.11	22.00			
3	QPSK	1	14	22.19	22.27	22.24			
3	QPSK	8	0	21.42	21.34	21.34	23	1	
3	QPSK	8	4	21.37	21.21	21.23			
3	QPSK	8	7	21.37	21.31	21.35			
3	QPSK	15	0	21.16	21.42	21.24	23	1	
3	16QAM	1	0	21.31	21.17	21.33			
3	16QAM	1	8	21.18	21.35	21.41			
3	16QAM	1	14	21.22	21.32	21.34	22	2	
3	16QAM	8	0	20.48	20.52	20.81			
3	16QAM	8	4	20.24	20.43	20.26			
3	16QAM	8	7	20.39	20.45	20.24	22	2	
3	16QAM	15	0	20.28	20.30	20.19			
3	64QAM	1	0	20.46	20.26	20.51			
3	64QAM	1	8	20.08	20.24	20.36	21	3	
3	64QAM	1	14	20.18	20.13	20.27			
3	64QAM	8	0	19.29	19.35	19.36			
3	64QAM	8	4	19.35	19.34	19.44	21	3	
3	64QAM	8	7	19.47	19.56	19.42			
3	64QAM	15	0	19.31	19.27	19.47			
Channel									
Frequency (MHz)				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.18	22.29	22.23	24	0	
1.4	QPSK	1	3	22.11	22.09	22.01			
1.4	QPSK	1	5	22.11	22.26	22.26			
1.4	QPSK	3	0	22.31	22.32	22.13	23	1	
1.4	QPSK	3	1	22.21	22.11	22.06			
1.4	QPSK	3	3	22.20	22.09	22.18			
1.4	QPSK	6	0	21.43	21.42	21.31	23	1	
1.4	16QAM	1	0	21.36	21.19	21.23			
1.4	16QAM	1	3	21.36	21.33	21.31			
1.4	16QAM	1	5	21.26	21.25	21.34	22	2	
1.4	16QAM	3	0	21.40	21.12	21.27			
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36	22	2	
1.4	16QAM	6	0	20.45	20.57	20.56			
1.4	64QAM	1	0	20.24	20.37	20.21			
1.4	64QAM	1	3	20.54	20.43	20.38	22	2	
1.4	64QAM	1	5	20.34	20.33	20.29			
1.4	64QAM	3	0	20.59	20.23	20.47			
1.4	64QAM	3	0	20.10	20.25	20.32	21	3	
1.4	64QAM	3	3	20.26	20.20	20.25			
1.4	64QAM	6	0	19.25	19.45	19.25			

Band 13 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				722	722	722			
10	QPSK	1	0		21.91		23.5	0	
10	QPSK	1	25		21.84				
10	QPSK	1	49		21.78				
10	QPSK	25	0		21.40		23	0.5	
10	QPSK	25	12		21.37				
10	QPSK	25	25		21.29				
10	QPSK	50	0		21.35		23	0.5	
10	16QAM	1	0		21.37				
10	16QAM	1	25		21.29				
10	16QAM	1	49		21.28		22	1.5	
10	16QAM	25	0		20.32				
10	16QAM	25	12		20.39				
10	16QAM	25	25		20.28		22	1.5	
10	16QAM	50	0		20.31				
10	64QAM	1	0		20.36				
10	64QAM	1	25		20.31		22	1.5	
10	64QAM	1	49		20.21				
10	64QAM	25	0		19.51				
10	64QAM	25	12		19.27		21	2.5	
10	64QAM	25	25		19.28				
10	64QAM	50	0		19.34				
Channel									
Frequency (MHz)				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.81	21.87	21.76	23.5	0	
5	QPSK	1	12	21.73	21.75	21.80			
5	QPSK	1	24	21.64	21.68	21.69			
5	QPSK	12	0	21.37	21.32	21.30	23	0.5	
5	QPSK	12	7	21.24	21.29	21.34			
5	QPSK	12	13	21.20	21.23	21.24			
5	QPSK	25	0	21.26	21.26	21.31	23	0.5	
5	16QAM	1	0	21.24	21.28	21.23			
5	16QAM	1	12	21.19	21.24	21.25			
5	16QAM	1	24	21.26	21.15	21.20	22	1.5	
5	16QAM	12	0	20.27	20.18	20.24			
5	16QAM	12	7	20.33	20.27	20.26			
5	16QAM	12	13	20.17	20.22	20.17	22	1.5	
5	16QAM	25	0	20.20	20.20	20.20			
5	64QAM	1	0	20.21	20.28	20.31			
5	64QAM	1	12	20.17	20.17	20.17	22	1.5	
5	64QAM	1	24	20.15	20.15	20.16			
5	64QAM	12	0	19.38	19.44	19.41			
5	64QAM	12	7	19.20	19.16	19.13	21	2.5	
5	64QAM	12	13	19.14	19.18	19.24			
5	64QAM	25	0	19.28	19.27	19.25			

Band 14 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				733	733	733			
10	QPSK	1	0		21.43		23	0	
10	QPSK	1	25		21.36				
10	QPSK	1	49		21.41				
10	QPSK	25	0		21.36		23	0	
10	QPSK	25	12		21.25				
10	QPSK	25	25		21.27				
10	QPSK	50	0		21.28		23	0	
10	16QAM	1	0		21.25				
10	16QAM	1	25		21.29				
10	16QAM	1	49		21.17		22	1	
10	16QAM	25	0		20.27				
10	16QAM	25	12		20.49				
10	16QAM	25	25		20.27		22	1	
10	16QAM	50	0		20.48				
10	64QAM	1	0		20.28				
10	64QAM	1	25		20.21		22	1	
10	64QAM	1	49		20.16				
10	64QAM	25	0						



Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				23780	23790	23800		
				712	710	713		
10	QPSK	1	0	22.31	22.34	22.29	24	0
10	QPSK	1	25	22.29	22.25	22.31		
10	QPSK	1	49	22.30	22.23	22.32		
10	QPSK	25	0	21.37	21.46	21.43		
10	QPSK	25	12	21.20	21.27	21.20	23	1
10	QPSK	25	25	21.34	21.38	21.33		
10	QPSK	50	0	21.26	21.42	21.39		
10	16QAM	1	0	21.49	21.41	21.56		
10	16QAM	1	49	21.47	21.41	21.54	23	1
10	16QAM	1	49	21.49	21.41	21.38		
10	16QAM	25	0	20.38	20.49	20.40		
10	16QAM	25	12	20.31	20.28	20.21	22	2
10	16QAM	25	25	20.38	20.45	20.38		
10	16QAM	50	0	20.43	20.38	20.40		
10	64QAM	1	0	20.52	20.44	20.42		
10	64QAM	1	25	20.30	20.23	20.40	22	2
10	64QAM	1	49	20.41	20.33	20.29		
10	64QAM	25	0	19.44	19.41	19.32		
10	64QAM	25	12	19.26	19.31	19.44		
10	64QAM	25	25	19.36	19.43	19.55	21	3
10	64QAM	50	0	19.44	19.34	19.47		
Channel								
Frequency (MHz)				23755	23790	23825		
				706.5	710	713.5		
5	QPSK	1	0	22.19	22.22	22.21	24	0
5	QPSK	1	12	22.24	22.18	22.11		
5	QPSK	1	24	22.26	22.06	22.30		
5	QPSK	12	0	21.30	21.31	21.26		
5	QPSK	12	7	21.04	21.16	21.11	23	1
5	QPSK	12	13	21.23	21.33	21.18		
5	QPSK	25	0	21.19	21.28	21.24		
5	16QAM	1	0	21.41	21.34	21.46		
5	16QAM	1	12	21.24	21.18	21.36	23	1
5	16QAM	1	24	21.42	21.36	21.31		
5	16QAM	12	0	20.30	20.42	20.32		
5	16QAM	12	7	20.22	20.23	20.20	22	2
5	16QAM	12	13	20.30	20.39	20.32		
5	16QAM	25	0	20.39	20.27	20.28		
5	64QAM	1	0	20.50	20.41	20.23		
5	64QAM	1	12	20.11	20.19	20.22	22	2
5	64QAM	1	24	20.40	20.28	20.10		
5	64QAM	12	0	19.27	19.37	19.16		
5	64QAM	12	7	19.14	19.18	19.35	21	3
5	64QAM	12	13	19.34	19.38	19.42		
5	64QAM	25	0	19.26	19.27	19.37		

Band 25 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				26140	26340	26590		
				18560	18640	19015		
20	QPSK	1	0	12.30	12.30	12.41	14	0
20	QPSK	1	49	12.47	12.49	12.48		
20	QPSK	1	99	12.34	12.45	12.44		
20	QPSK	50	0	12.45	12.48	12.47		
20	QPSK	50	24	12.34	12.37	12.41	14	0
20	QPSK	50	50	12.32	12.45	12.28		
20	QPSK	100	0	12.41	12.46	12.37		
20	16QAM	1	0	12.44	12.50	12.39		
20	16QAM	1	49	12.37	12.37	12.24	14	0
20	16QAM	1	99	12.29	12.37	12.38		
20	16QAM	50	0	12.38	12.47	12.28		
20	16QAM	50	24	12.27	12.48	12.27	14	0
20	16QAM	50	50	12.45	12.45	12.36		
20	16QAM	100	0	12.34	12.44	12.40		
20	64QAM	1	0	12.35	12.44	12.37		
20	64QAM	1	49	12.34	12.47	12.30	14	0
20	64QAM	1	99	12.42	12.42	12.43		
20	64QAM	50	0	12.30	12.42	12.31		
20	64QAM	50	24	12.37	12.40	12.24	14	0
20	64QAM	50	50	12.33	12.46	12.37		
20	64QAM	100	0	12.38	12.44	12.34		
Channel								
Frequency (MHz)				26115	26340	26615		
				1857.5	1880	1907.5		
15	QPSK	1	0	12.36	12.39	12.34	14	0
15	QPSK	1	37	12.33	12.35	12.45		
15	QPSK	1	74	12.28	12.33	12.38		
15	QPSK	36	0	12.36	12.40	12.41		
15	QPSK	36	20	12.31	12.24	12.28	14	0
15	QPSK	36	39	12.24	12.39	12.16		
15	QPSK	75	0	12.36	12.39	12.23		
15	16QAM	1	0	12.29	12.45	12.35		
15	16QAM	1	37	12.16	12.31	12.18	14	0
15	16QAM	1	74	12.21	12.23	12.32		
15	16QAM	36	0	12.24	12.37	12.13		
15	16QAM	36	20	12.35	12.40	12.18	14	0
15	16QAM	36	39	12.35	12.36	12.31		
15	16QAM	75	0	12.31	12.32	12.26		
15	64QAM	1	0	12.20	12.35	12.29		
15	64QAM	1	37	12.30	12.42	12.24	14	0
15	64QAM	1	74	12.28	12.43	12.37		
15	64QAM	36	0	12.19	12.28	12.23		
15	64QAM	36	20	12.25	12.27	12.21	14	0
15	64QAM	36	39	12.19	12.32	12.24		
15	64QAM	75	0	12.27	12.27	12.20		
Channel								
Frequency (MHz)				26080	26340	26540		
				1855	1880	1910		
10	QPSK	1	0	12.44	12.39	12.29	14	0
10	QPSK	1	25	12.41	12.40	12.37		
10	QPSK	1	49	12.25	12.39	12.35		
10	QPSK	25	0	12.32	12.40	12.34		
10	QPSK	25	12	12.24	12.27	12.30	14	0
10	QPSK	25	25	12.20	12.30	12.13		
10	QPSK	50	0	12.35	12.31	12.34		
10	16QAM	1	0	12.40	12.42	12.30		
10	16QAM	1	25	12.13	12.22	12.11	14	0
10	16QAM	1	49	12.23	12.24	12.27		
10	16QAM	25	0	12.33	12.43	12.25		
10	16QAM	25	12	12.20	12.44	12.17	14	0
10	16QAM	25	25	12.31	12.34	12.32		
10	16QAM	50	0	12.19	12.37	12.26		
10	64QAM	1	0	12.32	12.31	12.28	14	0
10	64QAM	1	25	12.40	12.40	12.17		
10	64QAM	1	49	12.36	12.38	12.30		
10	64QAM	25	0	12.15	12.35	12.19		
10	64QAM	25	12	12.28	12.36	12.12	14	0
10	64QAM	25	25	12.22	12.37	12.27		
10	64QAM	50	0	12.26	12.38	12.22		
Channel								
Frequency (MHz)				26065	26340	26665		
				1852.5	1880	1912.5		
5	QPSK	1	0	12.40	12.46	12.33	14	0
5	QPSK	1	12	12.35	12.31	12.34		
5	QPSK	1	24	12.30	12.35	12.36		
5	QPSK	12	0	12.33	12.39	12.37		
5	QPSK	12	7	12.24	12.32	12.33	14	0
5	QPSK	12	13	12.26	12.32	12.18		
5	QPSK	25	0	12.26	12.33	12.27		
5	16QAM	1	0	12.38	12.39	12.27		
5	16QAM	1	12	12.15	12.30	12.14	14	0
5	16QAM	1	24	12.19	12.28	12.29		
5	16QAM	12	0	12.24	12.43	12.14		
5	16QAM	12	7	12.19	12.41	12.15	14	0
5	16QAM	12	13	12.33	12.32	12.33		
5	16QAM	25	0	12.31	12.30	12.37		
5	64QAM	1	0	12.25	12.34	12.33		
5	64QAM	1	12	12.23	12.41	12.17	14	0
5	64QAM	1	24	12.31	12.37	12.34		
5	64QAM	12	0	12.26	12.27	12.20		
5	64QAM	12	7	12.30	12.33	12.18	14	0
5	64QAM	12	13	12.29	12.36	12.32		
5	64QAM	25	0	12.28	12.38	12.20		
Channel								
Frequency (MHz)				26055	26340	26675		
				1851.5	1880	1913.5		
3	QPSK	1	0	12.39	12.45	12.31	14	0
3	QPSK	1	8	12.37	12.35	12.41		
3	QPSK	1	14	12.31	12.35	12.33		
3	QPSK	8	0	12.42	12.43	12.42		
3	QPSK	8	4	12.24	12.22	12.31	14	0
3	QPSK	8	7					



Band 66 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	12.83	12.85	12.86			
20	QPSK	1	49	12.76	12.81	12.76	14.5	0	
20	QPSK	1	99	12.86	12.84	12.81			
20	QPSK	50	0	12.87	12.92	12.75			
20	QPSK	50	24	12.76	12.83	12.82	14.5	0	
20	QPSK	50	50	12.85	12.87	12.84			
20	QPSK	100	0	12.74	12.84	12.76			
20	16QAM	1	0	12.88	12.92	12.81			
20	16QAM	1	49	12.74	12.86	12.75	14.5	0	
20	16QAM	1	99	12.76	12.85	12.76			
20	16QAM	50	0	12.77	12.83	12.74			
20	16QAM	50	24	12.78	12.89	12.71	14.5	0	
20	16QAM	50	50	12.67	12.87	12.75			
20	16QAM	100	0	12.74	12.79	12.67			
20	64QAM	1	0	12.78	12.76	12.75			
20	64QAM	1	49	12.72	12.76	12.76	14.5	0	
20	64QAM	1	99	12.76	12.86	12.80			
20	64QAM	50	0	12.69	12.81	12.72			
20	64QAM	50	24	12.78	12.82	12.75	14.5	0	
20	64QAM	50	50	12.70	12.83	12.76			
20	64QAM	100	0	12.74	12.90	12.72			
Channel									
Frequency (MHz)									
15	QPSK	1	0	12.80	12.87	12.74			
15	QPSK	1	37	12.64	12.72	12.62	14.5	0	
15	QPSK	1	74	12.79	12.74	12.75			
15	QPSK	36	0	12.77	12.77	12.68			
15	QPSK	36	20	12.63	12.74	12.73	14.5	0	
15	QPSK	36	39	12.82	12.76	12.72			
15	QPSK	75	0	12.63	12.73	12.72			
15	16QAM	1	0	12.86	12.83	12.71			
15	16QAM	1	37	12.67	12.75	12.63	14.5	0	
15	16QAM	1	74	12.67	12.75	12.62			
15	16QAM	36	0	12.66	12.74	12.68			
15	16QAM	36	20	12.69	12.76	12.56	14.5	0	
15	16QAM	36	39	12.62	12.77	12.63			
15	16QAM	75	0	12.70	12.74	12.55			
15	64QAM	1	0	12.68	12.62	12.71			
15	64QAM	1	37	12.58	12.68	12.69	14.5	0	
15	64QAM	1	74	12.64	12.78	12.75			
15	64QAM	36	0	12.65	12.77	12.59			
15	64QAM	36	20	12.72	12.73	12.65	14.5	0	
15	64QAM	36	39	12.62	12.71	12.71			
15	64QAM	75	0	12.68	12.77	12.62			
Channel									
Frequency (MHz)									
10	QPSK	1	0	12.90	12.82	12.76			
10	QPSK	1	25	12.69	12.68	12.64	14.5	0	
10	QPSK	1	49	12.80	12.77	12.74			
10	QPSK	25	0	12.75	12.80	12.61			
10	QPSK	25	12	12.68	12.74	12.78	14.5	0	
10	QPSK	25	25	12.70	12.76	12.71			
10	QPSK	50	0	12.66	12.77	12.63			
10	16QAM	1	0	12.85	12.88	12.73			
10	16QAM	1	25	12.66	12.77	12.70	14.5	0	
10	16QAM	1	49	12.65	12.79	12.70			
10	16QAM	25	0	12.73	12.71	12.68			
10	16QAM	25	12	12.73	12.78	12.64	14.5	0	
10	16QAM	25	25	12.63	12.75	12.68			
10	16QAM	50	0	12.66	12.70	12.63			
10	64QAM	1	0	12.70	12.64	12.68	14.5	0	
10	64QAM	1	25	12.60	12.66	12.71			
10	64QAM	1	49	12.70	12.82	12.72			
10	64QAM	25	0	12.56	12.75	12.60			
10	64QAM	25	12	12.68	12.77	12.65	14.5	0	
10	64QAM	25	25	12.63	12.80	12.69			
10	64QAM	50	0	12.68	12.87	12.66			
Channel									
Frequency (MHz)									
5	QPSK	1	0	12.81	12.87	12.81			
5	QPSK	1	12	12.65	12.71	12.72	14.5	0	
5	QPSK	1	24	12.72	12.80	12.77			
5	QPSK	12	0	12.84	12.80	12.71			
5	QPSK	12	7	12.68	12.78	12.67	14.5	0	
5	QPSK	12	13	12.80	12.74	12.74			
5	QPSK	25	0	12.62	12.70	12.69			
5	16QAM	1	0	12.80	12.89	12.75			
5	16QAM	1	12	12.61	12.79	12.63	14.5	0	
5	16QAM	1	24	12.64	12.75	12.73			
5	16QAM	12	0	12.67	12.79	12.61			
5	16QAM	12	7	12.70	12.75	12.61	14.5	0	
5	16QAM	12	13	12.64	12.76	12.64			
5	16QAM	25	0	12.66	12.71	12.54			
5	64QAM	1	0	12.72	12.68	12.67			
5	64QAM	1	12	12.58	12.69	12.65	14.5	0	
5	64QAM	1	24	12.62	12.71	12.69			
5	64QAM	12	0	12.58	12.71	12.63			
5	64QAM	12	7	12.71	12.77	12.70	14.5	0	
5	64QAM	12	13	12.66	12.77	12.71			
5	64QAM	25	0	12.63	12.76	12.68			
Channel									
Frequency (MHz)									
3	QPSK	1	0	12.84	12.86	12.73			
3	QPSK	1	8	12.73	12.77	12.64	14.5	0	
3	QPSK	1	14	12.73	12.69	12.67			
3	QPSK	8	0	12.78	12.79	12.63			
3	QPSK	8	4	12.71	12.77	12.69	14.5	0	
3	QPSK	8	7	12.76	12.77	12.73			
3	QPSK	15	0	12.62	12.77	12.69			
3	16QAM	1	0	12.77	12.82	12.72			
3	16QAM	1	8	12.62	12.78	12.65	14.5	0	
3	16QAM	1	14	12.65	12.79	12.63			
3	16QAM	8	0	12.71	12.79	12.68			
3	16QAM	8	4	12.69	12.84	12.57	14.5	0	
3	16QAM	8	7	12.55	12.81	12.61			
3	16QAM	15	0	12.60	12.74	12.57			
3	64QAM	1	0	12.69	12.71	12.68			
3	64QAM	1	8	12.64	12.63	12.65	14.5	0	
3	64QAM	1	14	12.68	12.71	12.76			
3	64QAM	8	0	12.62	12.73	12.59			
3	64QAM	8	4	12.66	12.78	12.68	14.5	0	
3	64QAM	8	7	12.56	12.68	12.65			
3	64QAM	15	0	12.61	12.79	12.58			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	12.80	12.82	12.78			
1.4	QPSK	1	3	12.72	12.74	12.62	14.5	0	
1.4	QPSK	1	5	12.80	12.75	12.75			
1.4	QPSK	3	0	12.76	12.78	12.64			
1.4	QPSK	3	1	12.69	12.68	12.79			
1.4	QPSK	3	3	12.78	12.73	12.81			
1.4	QPSK	6	0	12.68	12.71	12.63	14.5	0	
1.4	16QAM	1	0	12.84	12.86	12.70			
1.4	16QAM	1	3	12.62	12.81	12.68			
1.4	16QAM	1	5	12.70	12.79	12.63	14.5	0	
1.4	16QAM	3	0	12.70	12.71	12.70			
1.4	16QAM	3	1	12.69	12.83	12.61			
1.4	16QAM	3	3	12.55	12.81	12.66			
1.4	16QAM	6	0	12.65	12.74	12.60	14.5	0	
1.4	64QAM	1	0	12.74	12.64	12.71			
1.4	64QAM	1	3	12.68	12.73	12.69			
1.4	64QAM	1	5	12.62	12.75	12.70	14.5	0	
1.4	64QAM	3	0	12.56	12.70	12.57			
1.4	64QAM	3	1	12.66	12.71	12.66			
1.4	64QAM	3	3	12.65	12.74	12.63			
1.4	64QAM	6	0	12.67	12.80	12.65	14.5	0	

Band 71 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.41	22.45	22.38			
20	QPSK	1	49	22.38	22.42	22.32	24	0	
20	QPSK	1	99	22.33	22.41	22.44			
20	QPSK	50	0	21.55	21.56	21.47			
20	QPSK	50	24	21.35	21.43	21.30	23	1	
20	QPSK	50	50	21.50	21.43	21.53			
20	QPSK	100	0	21.51	21.54	21.45			
20	16QAM	1	0	21.63	21.63	21.56			
20	16QAM	1	49	21.54	21.51	21.52	23	1	
20	16QAM	1	99	21.56	21.45	21.50			
20	16QAM	50	0	20.46	20.49	20.65			
20	16QAM	50	24	20.48	20.58	20.33	22	2	
20	16QAM	50	50	20.55	20.47	20.46			
20	16QAM	100	0	20.47	20.41	20.43			
20	64QAM	1	0	20.61	20.44	20.43			
20	64QAM	1	49	20.37	20.43	20.54	22	2	
20	64QAM	1	99	20.41	20.41	20.51			
20	64QAM	50	0	19.33	19.52	19.49			
20	64QAM	50	24	19.40	19.49	19.64	21	3	
20	64QAM	50	50	19.49	19.50	19.50			
20	64QAM	100	0	19.63	19.55	19.52			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.24	22.37	22.33			
15	QPSK	1	37	22.24	22.36	22.26	24	0	
15	QPSK	1	74	22.22	22.29	22.44			
15	QPSK	36	0	21.53	21.42	21.43			
15	QPSK	36	20	21.31	21.40	21.19	23	1	
15	QPSK	36	39	21.40	21.34	21.39			
15	QPSK	75	0	21.50	21.44	21.31			
15	16QAM	1	0	21.61	21.59	21			

Band 7 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	19.06	19.19	19.10	20.5	0		
20	QPSK	1	49	19.01	19.12	19.05				
20	QPSK	1	99	19.02	19.14	19.08				
20	QPSK	50	0	19.01	19.10	18.97	20.5	0		
20	QPSK	50	24	19.05	19.09	18.96				
20	QPSK	50	50	18.97	19.03	18.98				
20	QPSK	100	0	19.03	19.11	19.05	20.5	0		
20	16QAM	1	0	18.98	19.05	18.90				
20	16QAM	1	49	19.00	19.14	19.11				
20	16QAM	1	99	19.04	19.10	19.02	20.5	0		
20	16QAM	50	0	18.92	19.02	18.87				
20	16QAM	50	24	19.02	19.07	19.00				
20	16QAM	50	50	19.07	19.15	19.00	20.5	0		
20	16QAM	100	0	18.98	19.04	19.01				
20	64QAM	1	0	19.03	19.11	19.00				
20	64QAM	1	49	19.10	19.14	19.02	20.5	0		
20	64QAM	1	99	18.95	19.05	18.92				
20	64QAM	50	0	18.96	19.02	18.89				
20	64QAM	50	24	18.92	19.06	18.97	20.5	0		
20	64QAM	50	50	19.01	19.05	18.90				
20	64QAM	100	0	18.92	19.07	18.84				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	19.02	19.15	18.96	20.5	0		
15	QPSK	1	37	18.87	19.03	18.99				
15	QPSK	1	74	18.89	19.06	18.95				
15	QPSK	36	0	18.93	19.02	18.88	20.5	0		
15	QPSK	36	20	18.97	18.96	18.82				
15	QPSK	36	39	18.92	18.99	18.89				
15	QPSK	75	0	18.96	18.99	18.86	20.5	0		
15	16QAM	1	0	18.94	18.98	18.84				
15	16QAM	1	37	18.91	19.04	19.08				
15	16QAM	1	74	18.91	18.99	18.92	20.5	0		
15	16QAM	36	0	18.87	18.90	18.73				
15	16QAM	36	20	18.94	19.03	18.93				
15	16QAM	36	39	18.99	19.08	18.86	20.5	0		
15	16QAM	75	0	18.90	18.94	18.98				
15	64QAM	1	0	18.87	19.08	18.93				
15	64QAM	1	37	18.98	19.02	18.94	20.5	0		
15	64QAM	1	74	18.81	18.93	18.89				
15	64QAM	36	0	18.84	18.92	18.85				
15	64QAM	36	20	18.78	18.96	18.82	20.5	0		
15	64QAM	36	39	18.93	18.93	18.75				
15	64QAM	75	0	18.95	19.03	18.86				
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	18.94	19.09	19.04	20.5	0		
10	QPSK	1	25	18.96	18.98	19.01				
10	QPSK	1	49	18.87	19.07	18.99				
10	QPSK	25	0	18.96	19.03	18.84	20.5	0		
10	QPSK	25	12	18.99	19.01	18.90				
10	QPSK	25	25	18.87	18.98	18.90				
10	QPSK	50	0	18.92	19.01	18.97	20.5	0		
10	16QAM	1	0	18.90	19.02	18.78				
10	16QAM	1	25	18.93	19.07	18.97				
10	16QAM	1	49	18.94	18.99	18.92	20.5	0		
10	16QAM	25	0	18.79	18.88	18.74				
10	16QAM	25	12	18.94	19.00	18.95				
10	16QAM	25	25	18.95	19.11	18.87	20.5	0		
10	16QAM	50	0	18.92	18.94	18.87				
10	64QAM	1	0	18.88	19.01	18.89				
10	64QAM	1	25	18.97	19.01	18.90	20.5	0		
10	64QAM	1	49	18.89	18.94	18.83				
10	64QAM	25	0	18.88	18.89	18.81				
10	64QAM	25	12	18.79	18.94	18.83	20.5	0		
10	64QAM	25	25	18.89	18.94	18.78				
10	64QAM	50	0	18.85	18.99	18.86				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	19.01	19.06	19.04	20.5	0		
5	QPSK	1	12	18.94	18.98	19.01				
5	QPSK	1	24	18.94	19.03	19.00				
5	QPSK	12	0	18.87	19.07	18.89	20.5	0		
5	QPSK	12	7	19.02	19.01	18.93				
5	QPSK	12	13	18.87	18.93	18.89				
5	QPSK	25	0	18.90	19.01	18.93	20.5	0		
5	16QAM	1	0	18.95	18.94	18.76				
5	16QAM	1	12	18.87	19.09	19.07				
5	16QAM	1	24	18.99	19.05	18.92	20.5	0		
5	16QAM	12	0	18.93	18.88	18.78				
5	16QAM	12	7	18.88	19.01	18.90				
5	16QAM	12	13	19.02	19.08	18.87	20.5	0		
5	16QAM	25	0	18.94	18.99	18.88				
5	64QAM	1	0	18.95	19.03	18.85				
5	64QAM	1	12	19.05	19.07	18.90	20.5	0		
5	64QAM	1	24	18.82	18.96	18.77				
5	64QAM	12	0	18.92	18.91	18.83				
5	64QAM	12	7	18.80	18.96	18.92	20.5	0		
5	64QAM	12	13	18.94	18.91	18.83				
5	64QAM	25	0	18.77	18.98	18.80				

Band 30 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel						27710				
Frequency (MHz)				2510	2535	2560				
10	QPSK	1	0		20.66		22	0		
10	QPSK	1	25		20.51					
10	QPSK	1	49		20.58					
10	QPSK	25	0		20.61		22	0		
10	QPSK	25	12		20.57					
10	QPSK	25	25		20.60					
10	QPSK	50	0		20.55		22	0		
10	16QAM	1	0		20.62					
10	16QAM	1	25		20.52					
10	16QAM	1	49		20.62		22	0		
10	16QAM	25	0		20.50					
10	16QAM	25	12		20.53					
10	16QAM	25	25		20.63		22	0		
10	16QAM	50	0		20.52					
10	64QAM	1	0		20.56					
10	64QAM	1	25		20.51		22	0		
10	64QAM	1	49		20.58					
10	64QAM	25	0		19.68					
10	64QAM	25	12		19.71		21	1		
10	64QAM	25	25		19.74					
10	64QAM	50	0		19.64					
Channel				27685	27710	27735				
Frequency (MHz)				2307.5	2310	2312.5				
5	QPSK	1	0	20.54	20.55	20.53	22	0		
5	QPSK	1	12	20.46	20.40	20.40				
5	QPSK	1	24	20.42	20.45	20.47				
5	QPSK	12	0	20.48	20.55	20.45	22	0		
5	QPSK	12	7	20.46	20.54	20.51				
5	QPSK	12	13	20.53	20.48	20.46				
5	QPSK	25	0	20.48	20.41	20.45	22	0		
5	16QAM	1	0	20.50	20.57	20.54				
5	16QAM	1	12	20.40	20.36	20.40				
5	16QAM	1	24	20.52	20.57	20.55	22	0		
5	16QAM	12	0	20.40	20.35	20.35				
5	16QAM	12	7	20.39	20.47	20.48				
5	16QAM	12	13	20.56	20.47	20.50	22	0		
5	16QAM	25	0	20.50	20.49	20.45				
5	64QAM	1	0	20.40	20.47	20.51				
5	64QAM	1	12	20.34	20.41	20.46	22	0		
5	64QAM	1	24	20.51	20.43	20.43				
5	64QAM	12	0	19.57	19.61	19.59				
5	64QAM	12	7	19.67	19.59	19.58	21	1		
5	64QAM	12	13	19.72	19.66	19.59				
5	64QAM	25	0	19.47	19.59	19.58				



Band 38 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Max Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
	Frequency (MHz)			37660	38000	38170				
20	QPSK	1	0	19.74	19.81	19.88	21	0		
20	QPSK	1	49	19.52	19.67	19.54				
20	QPSK	1	99	19.55	19.65	19.61				
20	QPSK	50	0	19.60	19.73	19.64				
20	QPSK	50	24	19.66	19.76	19.64				
20	QPSK	50	50	19.60	19.70	19.64				
20	QPSK	100	0	19.64	19.73	19.61				
20	HS-DMA	1	0	19.66	19.76	19.64				
20	HS-DMA	1	49	19.55	19.61	19.61				
20	HS-DMA	1	99	19.61	19.64	19.57				
20	HS-DMA	50	0	19.66	19.72	19.63				
20	HS-DMA	50	24	19.57	19.58	19.58				
20	HS-DMA	50	50	19.64	19.69	19.59				
20	HS-DMA	100	0	19.56	19.72	19.69				
20	HS-DMA	100	0	19.62	19.65	19.57				
20	HS-DMA	100	49	19.56	19.76	19.62				
20	HS-DMA	100	99	19.55	19.62	19.55				
20	HS-DMA	50	0	19.67	19.67	19.67				
20	HS-DMA	50	24	19.57	19.68	19.57				
20	HS-DMA	50	50	19.66	19.69	19.56				
20	HS-DMA	100	0	19.56	19.67	19.54				
Channel										
	Frequency (MHz)			37675	38050	38175				
15	QPSK	1	0	19.67	19.67	19.56	21	0		
15	QPSK	1	37	19.63	19.67	19.42				
15	QPSK	1	74	19.39	19.53	19.54				
15	QPSK	36	0	19.47	19.58	19.58				
15	QPSK	36	18	19.47	19.58	19.58				
15	QPSK	36	36	19.50	19.55	19.54				
15	QPSK	75	0	19.57	19.63	19.52				
15	HS-DMA	1	0	19.63	19.66	19.56				
15	HS-DMA	1	37	19.49	19.58	19.36				
15	HS-DMA	1	74	19.59	19.59	19.30				
15	HS-DMA	36	0	19.47	19.58	19.58				
15	HS-DMA	36	18	19.47	19.58	19.58				
15	HS-DMA	75	0	19.49	19.62	19.45				
15	HS-DMA	75	0	19.49	19.62	19.45				
15	HS-DMA	1	0	19.53	19.58	19.45				
15	HS-DMA	1	37	19.47	19.61	19.45				
15	HS-DMA	1	74	19.51	19.54	19.38				
15	HS-DMA	36	0	19.43	19.62	19.58				
15	HS-DMA	36	18	19.47	19.55	19.51				
15	HS-DMA	75	0	19.59	19.65	19.47				
15	HS-DMA	75	0	19.47	19.62	19.43				
Channel										
	Frequency (MHz)			2517	2515	2515				
10	QPSK	1	0	19.60	19.72	19.64				
10	QPSK	1	25	19.42	19.61	19.41				
10	QPSK	1	49	19.46	19.50	19.51				
10	QPSK	25	0	19.52	19.58	19.58				
10	QPSK	25	12	19.59	19.55	19.52				
10	QPSK	25	25	19.59	19.62	19.58				
10	HS-DMA	1	0	19.62	19.62	19.53				
10	HS-DMA	1	25	19.44	19.51	19.36				
10	HS-DMA	1	49	19.56	19.54	19.46				
10	HS-DMA	25	0	19.54	19.64	19.54				
10	HS-DMA	25	12	19.42	19.56	19.54				
10	HS-DMA	25	25	19.55	19.57	19.47				
10	HS-DMA	50	0	19.51	19.67	19.59				
10	HS-DMA	50	0	19.55	19.58	19.59				
10	HS-DMA	1	25	19.50	19.62	19.52				
10	HS-DMA	1	49	19.46	19.53	19.40				
10	HS-DMA	36	0	19.52	19.58	19.48				
10	HS-DMA	36	12	19.43	19.59	19.54				
10	HS-DMA	25	25	19.54	19.55	19.42				
10	HS-DMA	50	0	19.50	19.63	19.45				
Channel										
	Frequency (MHz)			37775	38090	38220				
5	QPSK	1	0	19.63	19.67	19.49	21	0		
5	QPSK	1	12	19.46	19.60	19.46				
5	QPSK	1	24	19.46	19.54	19.50				
5	QPSK	12	0	19.52	19.58	19.58				
5	QPSK	12	7	19.61	19.64	19.53				
5	QPSK	12	14	19.46	19.60	19.56				
5	QPSK	25	0	19.50	19.58	19.58				
5	QPSK	1	0	19.59	19.65	19.55				
5	HS-DMA	1	0	19.65	19.65	19.45				
5	HS-DMA	1	12	19.51	19.58	19.45				
5	HS-DMA	1	24	19.55	19.54	19.54				
5	HS-DMA	12	0	19.62	19.61	19.52				
5	HS-DMA	12	7	19.46	19.60	19.46				
5	HS-DMA	25	0	19.55	19.55	19.51				
5	HS-DMA	25	0	19.44	19.61	19.49				
5	HS-DMA	1	12	19.57	19.61	19.47				
5	HS-DMA	1	24	19.46	19.53	19.41				
5	HS-DMA	12	0	19.44	19.62	19.54				
5	HS-DMA	12	7	19.50	19.61	19.46				
5	HS-DMA	12	14	19.52	19.55	19.51				
5	HS-DMA	25	0	19.47	19.58	19.46				

Band 41 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Max Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
	Frequency (MHz)			39790	40185	40620	41005	41490		
20	QPSK	1	0	19.90	19.83	19.93	19.85	19.99		
20	QPSK	1	49	19.74	19.81	19.91	19.78	19.77		
20	QPSK	1	99	19.77	19.80	19.84	19.81	19.78		
20	QPSK	50	0	19.82	19.85	19.89	19.84	19.85		
20	QPSK	50	24	19.83	19.73	19.85	19.79	19.74		
20	QPSK	50	50	19.72	19.80	19.84	19.82	19.74		
20	QPSK	100	0	19.73	19.79	19.80	19.77	19.81		
20	HS-DMA	1	0	19.78	19.74	19.80	19.85	19.78		
20	HS-DMA	1	49	19.87	19.80	19.97	19.81	19.88		
20	HS-DMA	1	99	19.84	19.84	19.95	19.87	19.90		
20	HS-DMA	50	0	19.82	19.89	19.86	19.87	19.79		
20	HS-DMA	50	24	19.83	19.80	19.94	19.84	19.89		
20	HS-DMA	50	50	19.72	19.73	19.88	19.72	19.83		
20	HS-DMA	100	0	19.72	19.77	19.88	19.72	19.77		
20	HS-DMA	100	0	19.85	19.84	19.90	19.74	19.84		
20	HS-DMA	100	49	19.72	19.82	19.87	19.75	19.72		
20	HS-DMA	100	99	19.80	19.85	19.86	19.88	19.86		
20	HS-DMA	50	0	19.85	19.87	19.90	19.85	19.85		
20	HS-DMA	50	24	19.78	19.73	19.88	19.78	19.83		
20	HS-DMA	50	50	19.70	19.76	19.87	19.72	19.74		
20	HS-DMA	100	0	19.88	19.76	19.92	19.78	19.87		
Channel										
	Frequency (MHz)			39775	40173	40620	41008	41515		
15	QPSK	1	0	19.89	19.76	19.88	19.88	19.93		
15	QPSK	1	37	19.87	19.83	19.85	19.84	19.70		
15	QPSK	1	74	19.68	19.80	19.85	19.84	19.69		
15	QPSK	36	0	19.69	19.80	19.80	19.79	19.72		
15	QPSK	36	18	19.69	19.80	19.80	19.79	19.72		
15	QPSK	36	36	19.58	19.66	19.76	19.78	19.65		
15	QPSK	75	0	19.59	19.84	19.81	19.73	19.69		
15	HS-DMA	1	0	19.70	19.80	19.83	19.72	19.70		
15	HS-DMA	1	37	19.79	19.77	19.91	19.88	19.77		
15	HS-DMA	1	74	19.76	19.80	19.90	19.78	19.76		
15	HS-DMA	36	0	19.68	19.76	19.87	19.81	19.81		
15	HS-DMA	36	18	19.79	19.74	19.83	19.79	19.83		
15	HS-DMA	75	0	19.62	19.80	19.83	19.65	19.68		
15	HS-DMA	75	0	19.62	19.80	19.83	19.65	19.68		
15	HS-DMA	1	0	19.70	19.76					



GSM850 Ant3 DSI7

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.08	28.12	27.98	29.50	19.08	19.12	18.98	20.50
GPRS 1 Tx slot	27.96	28.08	27.85	29.50	18.96	19.08	18.85	20.50
GPRS 2 Tx slots	26.90	27.03	26.77	28.50	20.90	21.03	20.77	22.50
GPRS 3 Tx slots	24.96	25.05	24.80	26.50	20.70	20.79	20.54	22.24
GPRS 4 Tx slots	23.95	24.10	23.90	25.50	20.95	21.10	20.90	22.50
EDGE 1 Tx slot	26.75	26.81	26.68	28.00	17.75	17.81	17.68	19.00
EDGE 2 Tx slots	25.84	25.91	25.62	27.00	19.84	19.91	19.62	21.00
EDGE 3 Tx slots	23.71	23.78	23.52	25.00	19.45	19.52	19.26	20.74
EDGE 4 Tx slots	22.51	22.56	22.27	23.50	19.51	19.56	19.27	20.50

GSM1900 Ant3 DSI7

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	20.49	20.54	20.31	21.50	11.49	11.54	11.31	12.50
GPRS 1 Tx slot	20.40	20.48	20.23	21.50	11.40	11.48	11.23	12.50
GPRS 2 Tx slots	19.45	19.49	19.10	20.50	13.45	13.49	13.10	14.50
GPRS 3 Tx slots	17.37	17.39	17.16	18.50	13.11	13.13	12.92	14.24
GPRS 4 Tx slots	16.47	16.55	16.31	17.50	13.47	13.55	13.31	14.50
EDGE 1 Tx slot	16.82	17.05	16.92	18.00	7.82	8.05	7.92	9.00
EDGE 2 Tx slots	15.75	15.92	15.69	17.00	9.75	9.92	9.69	11.00
EDGE 3 Tx slots	13.56	13.64	13.52	15.00	9.30	9.38	9.26	10.74
EDGE 4 Tx slots	12.25	12.39	12.30	13.50	9.25	9.39	9.30	10.50

WCDMA II Ant3 DSI7

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9282	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	12.29	12.38	12.31	13.50	20.92	21.01	20.99	22.00
3GPP Rel 99 AMR 12.2Kbps	12.32	12.42	12.36	13.50	20.93	21.03	21.01	22.00
3GPP Rel 6 HSDPA Subtest-1	11.46	11.43	11.27	12.50	19.97	20.15	19.96	21.00
3GPP Rel 6 HSDPA Subtest-2	11.09	11.16	11.09	12.50	19.79	19.83	19.70	21.00
3GPP Rel 6 HSDPA Subtest-3	10.63	10.60	10.45	12.00	19.18	19.33	19.22	20.50
3GPP Rel 6 HSDPA Subtest-4	10.54	10.60	10.69	12.00	19.15	19.25	19.27	20.50
3GPP Rel 6 DC-HSDPA Subtest-1	11.18	11.31	11.13	12.50	19.85	20.00	19.73	21.00
3GPP Rel 6 DC-HSDPA Subtest-2	10.96	10.92	11.05	12.50	19.73	19.61	19.72	21.00
3GPP Rel 6 DC-HSDPA Subtest-3	10.37	10.59	10.21	12.00	18.99	19.27	19.03	20.50
3GPP Rel 6 DC-HSDPA Subtest-4	10.48	10.52	10.45	12.00	19.16	19.14	19.16	20.50
3GPP Rel 6 HSUPA Subtest-1	11.28	11.38	10.98	12.50	19.98	19.91	19.76	21.00
3GPP Rel 6 HSUPA Subtest-2	9.45	9.42	9.31	10.50	18.05	17.94	18.06	19.00
3GPP Rel 6 HSUPA Subtest-3	10.16	10.41	10.29	11.50	18.89	18.98	18.99	20.00
3GPP Rel 6 HSUPA Subtest-4	9.15	9.21	9.12	10.50	17.90	17.74	17.63	19.00
3GPP Rel 6 HSUPA Subtest-5	11.14	11.23	11.19	12.50	19.64	19.71	19.78	21.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	8.84	8.80	8.84	10.00	17.39	17.43	17.50	18.50

**Band 2 Ant 3**

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	1850	1880	1900	13.5	0		
20	QPSK	1	49	11.77	11.84	11.72				
20	QPSK	1	99	11.84	11.88	11.74				
20	QPSK	50	0	11.74	11.90	11.80				
20	QPSK	50	24	11.69	11.85	11.79				
20	QPSK	50	50	11.78	11.83	11.83	13.5	0		
20	QPSK	100	0	11.73	11.81	11.77				
20	16QAM	1	0	11.82	11.85	11.78				
20	16QAM	1	49	11.83	11.93	11.76				
20	16QAM	1	99	11.75	11.88	11.77				
20	16QAM	50	0	11.74	11.80	11.68	13.5	0		
20	16QAM	50	24	11.83	11.91	11.69				
20	16QAM	50	50	11.76	11.78	11.81				
20	16QAM	100	0	11.75	11.83	11.76				
20	16QAM	1	0	11.80	11.87	11.78				
20	16QAM	1	49	11.71	11.84	11.81	13.5	0		
20	16QAM	1	99	11.82	11.91	11.77				
20	16QAM	50	0	11.78	11.79	11.74				
20	16QAM	50	24	11.74	11.84	11.73				
20	16QAM	50	50	11.75	11.79	11.71				
20	16QAM	100	0	11.78	11.83	11.77	Channel			
Frequency (MHz)										
15	QPSK	1	0	11.76	11.80	11.77	13.5	0		
15	QPSK	1	37	11.66	11.71	11.68				
15	QPSK	1	74	11.75	11.82	11.64				
15	QPSK	35	0	11.65	11.79	11.74				
15	QPSK	35	20	11.65	11.75	11.70				
15	QPSK	35	39	11.64	11.78	11.76	13.5	0		
15	QPSK	75	0	11.67	11.75	11.69				
15	16QAM	1	0	11.77	11.81	11.71				
15	16QAM	1	37	11.80	11.85	11.74				
15	16QAM	1	74	11.62	11.80	11.77				
15	16QAM	35	0	11.65	11.67	11.54	13.5	0		
15	16QAM	35	20	11.63	11.79	11.56				
15	16QAM	35	39	11.64	11.72	11.77				
15	16QAM	75	0	11.71	11.70	11.65				
15	16QAM	1	0	11.67	11.77	11.66				
15	16QAM	1	37	11.65	11.70	11.69	13.5	0		
15	16QAM	1	74	11.72	11.83	11.68				
15	16QAM	35	0	11.69	11.66	11.63				
15	16QAM	35	20	11.62	11.73	11.64				
15	16QAM	35	39	11.64	11.74	11.62				
15	16QAM	75	0	11.72	11.72	11.68	Channel			
Frequency (MHz)										
10	QPSK	1	0	11.79	11.88	11.76	13.5	0		
10	QPSK	1	25	11.63	11.79	11.69				
10	QPSK	1	49	11.77	11.84	11.66				
10	QPSK	25	0	11.69	11.85	11.66				
10	QPSK	25	12	11.62	11.78	11.73				
10	QPSK	25	12	11.68	11.68	11.78	13.5	0		
10	QPSK	50	0	11.59	11.75	11.70				
10	16QAM	1	0	11.77	11.76	11.70				
10	16QAM	1	25	11.76	11.81	11.64				
10	16QAM	1	49	11.71	11.74	11.64				
10	16QAM	25	0	11.63	11.76	11.59	13.5	0		
10	16QAM	25	12	11.70	11.86	11.58				
10	16QAM	25	25	11.73	11.72	11.72				
10	16QAM	50	0	11.70	11.69	11.62				
10	16QAM	1	0	11.76	11.75	11.65				
10	16QAM	1	25	11.59	11.70	11.79	13.5	0		
10	16QAM	1	49	11.67	11.88	11.68				
10	16QAM	25	0	11.72	11.64	11.57				
10	16QAM	25	12	11.63	11.75	11.65				
10	16QAM	25	25	11.66	11.75	11.58				
10	16QAM	50	0	11.68	11.76	11.67	Channel			
Frequency (MHz)										
5	QPSK	1	0	11.75	11.90	11.78	13.5	0		
5	QPSK	1	12	11.70	11.79	11.69				
5	QPSK	1	24	11.76	11.75	11.67				
5	QPSK	12	0	11.59	11.83	11.77				
5	QPSK	12	7	11.55	11.76	11.66				
5	QPSK	12	13	11.65	11.76	11.70	13.5	0		
5	QPSK	25	0	11.68	11.71	11.67				
5	16QAM	1	0	11.73	11.78	11.70				
5	16QAM	1	12	11.70	11.83	11.67				
5	16QAM	1	24	11.65	11.83	11.73				
5	16QAM	12	0	11.65	11.79	11.62	13.5	0		
5	16QAM	12	0	11.61	11.75	11.60				
5	16QAM	12	7	11.68	11.76	11.65				
5	16QAM	12	13	11.64	11.65	11.69				
5	16QAM	25	0	11.69	11.74	11.69				
5	16QAM	1	0	11.73	11.74	11.66	13.5	0		
5	16QAM	1	12	11.62	11.71	11.66				
5	16QAM	1	24	11.76	11.83	11.73				
5	16QAM	12	0	11.67	11.73	11.62				
5	16QAM	12	7	11.69	11.81	11.64				
5	16QAM	12	13	11.65	11.66	11.61	13.5	0		
5	16QAM	25	0	11.70	11.70	11.73				
Channel										
Frequency (MHz)										
3	QPSK	1	0	11.77	11.82	11.72			13.5	0
3	QPSK	1	8	11.63	11.74	11.58				
3	QPSK	1	14	11.70	11.83	11.61				
3	QPSK	8	0	11.70	11.83	11.73				
3	QPSK	8	7	11.63	11.75	11.70				
3	QPSK	15	0	11.60	11.72	11.65	13.5	0		
3	16QAM	1	0	11.69	11.76	11.68				
3	16QAM	1	8	11.73	11.85	11.69				
3	16QAM	1	14	11.62	11.84	11.72				
3	16QAM	8	0	11.67	11.67	11.61				
3	16QAM	8	4	11.76	11.84	11.64	13.5	0		
3	16QAM	8	7	11.66	11.67	11.73				
3	16QAM	15	0	11.61	11.75	11.70				
3	16QAM	1	8	11.69	11.78	11.68				
3	16QAM	1	8	11.65	11.80	11.76				
3	16QAM	8	0	11.64	11.73	11.66	13.5	0		
3	16QAM	8	4	11.59	11.75	11.60				
3	16QAM	8	7	11.63	11.67	11.60				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	11.80	11.89	11.68	13.5	0		
1.4	QPSK	1	3	11.70	11.73	11.65				
1.4	QPSK	1	5	11.79	11.75	11.65				
1.4	QPSK	3	0	11.70	11.76	11.71				
1.4	QPSK	3	1	11.54	11.78	11.75				
1.4	QPSK	3	3	11.73	11.77	11.74	13.5	0		
1.4	QPSK	6	0	11.62	11.72	11.69				
1.4	16QAM	1	0	11.73	11.81	11.69				
1.4	16QAM	1	5	11.82	11.82	11.64				
1.4	16QAM	1	5	11.70	11.73	11.68				
1.4	16QAM	3	0	11.66	11.73	11.56	13.5	0		
1.4	16QAM	3	1	11.78	11.86	11.65				
1.4	16QAM	3	3	11.61	11.71	11.72				
1.4	16QAM	6	0	11.62	11.74	11.67				
1.4	16QAM	1	0	11.68	11.81	11.65				
1.4	16QAM	1	3	11.66	11.73	11.69	13.5	0		
1.4	16QAM	1	5	11.69	11.85	11.67				
1.4	16QAM	3	0	11.68	11.69	11.67				
1.4	16QAM	3	1	11.63	11.72	11.67				
1.4	16QAM	3	3	11.65	11.65	11.58				
1.4	16QAM	6	0	11.75	11.69	11.67	Channel			
Frequency (MHz)										
1.4	QPSK	1	0	11.80	11.89	11.68	13.5	0		
1.4	QPSK	1	3	11.70	11.73	11.65				
1.4	QPSK	1	5	11.79	11.75	11.65				
1.4	QPSK	3	0	11.70	11.76	11.71				
1.4	QPSK	3	1	11.54	11.78	11.75				
1.4	QPSK	3	3	11.73	11.77	11.74	13.5	0		
1.4	QPSK	6	0	11.62	11.72	11.69				
1.4	16QAM	1	0	11.73	11.81	11.69				
1.4	16QAM	1	5	11.82	11.82	11.64				
1.4	16QAM	1	5	11.70	11.73	11.68				
1.4	16QAM	3	0	11.66	11.73	11.56	13.5	0		
1.4	16QAM	3	1	11.78	11.86	11.65				
1.4	16QAM	3	3	11.61	11.71	11.72				
1.4	16QAM	6	0	11.62	11.74	11.67				
1.4	16QAM	1	0	11.68	11.81	11.65				
1.4	16QAM	1	3	11.66	11.73	11.69	13.5	0		
1.4	16QAM	1	5	11.69	11.85	11.67				
1.4	16QAM	3	0	11.68	11.69	11.67				
1.4	16QAM	3	1	11.63	11.72	11.67				
1.4	16QAM	3	3	11.65	11.65	11.58				
1.4	16QAM	6	0	11.75	11.69	11.67	Channel			
Frequency (MHz)										
1.4	QPSK	1	0	11.80	11.89	11.68	13.5	0		
1.4	QPSK	1	3	11.70	11.73	11.65				
1.4	QPSK	1	5	11.79	11.75	11.65				
1.4	QPSK	3	0	11.70	11.76	11.71				
1.4	QPSK	3	1	11.54	11.78	11.75				
1.4	QPSK	3	3	11.73	11.77	11.74	13.5	0		
1.4	QPSK	6	0	11.62	11.72	11.69				
1.4	16QAM	1	0	11.73	11.81	11.69				
1.4	16QAM	1	5	11.82	11.82	11.64				
1.4	16QAM	1	5	11.70	11.73					



Band 13 Ant 3										
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				23230						
Frequency (MHz)				792						
10	QPSK	1	0		21.21					
10	QPSK	1	25		21.18		23	0		
10	QPSK	1	49		21.14					
10	QPSK	25	0		20.32					
10	QPSK	25	12		20.30		22	1		
10	QPSK	25	25		20.26					
10	QPSK	50	0		20.30					
10	16QAM	1	0		20.28		22	1		
10	16QAM	1	25		20.24					
10	16QAM	1	49		20.31					
10	16QAM	25	0		19.36					
10	16QAM	25	12		19.34		21	2		
10	16QAM	25	25		19.40					
10	16QAM	50	0		19.37					
10	64QAM	1	0		19.34					
10	64QAM	1	25		19.44		21	2		
10	64QAM	1	49		19.40					
10	64QAM	25	0		18.40					
10	64QAM	25	12		18.36		20	3		
10	64QAM	25	25		18.47					
10	64QAM	50	0		18.42					
Channel				23205 23230 23255						
Frequency (MHz)				779.5 782 784.5						
5	QPSK	1	0	21.18	21.19	21.16				
5	QPSK	1	12	21.17	21.18	21.10	23	0		
5	QPSK	1	24	21.11	21.14	21.18				
5	QPSK	12	0	20.28	20.32	20.34				
5	QPSK	12	7	20.26	20.30	20.32	22	1		
5	QPSK	12	13	20.24	20.26	20.32				
5	QPSK	25	0	20.24	20.30	20.25				
5	16QAM	1	0	20.18	20.28	20.24				
5	16QAM	1	12	20.15	20.24	20.26	22	1		
5	16QAM	1	24	20.31	20.31	20.35				
5	16QAM	12	0	19.30	19.36	19.28				
5	16QAM	12	7	19.34	19.34	19.34				
5	16QAM	12	13	19.46	19.40	19.38	21	2		
5	16QAM	25	0	19.44	19.37	19.37				
5	64QAM	1	0	19.33	19.34	19.44				
5	64QAM	1	12	19.54	19.44	19.44	21	2		
5	64QAM	1	24	19.31	19.40	19.33				
5	64QAM	12	0	18.48	18.40	18.38				
5	64QAM	12	7	18.44	18.36	18.31				
5	64QAM	12	13	18.54	18.47	18.50	20	3		
5	64QAM	25	0	18.36	18.42	18.39				

Band 14 Ant 3										
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				23330						
Frequency (MHz)				793						
10	QPSK	1	0		21.24					
10	QPSK	1	25		21.18		23	0		
10	QPSK	1	49		21.20					
10	QPSK	25	0		20.34					
10	QPSK	25	12		20.25		22	1		
10	QPSK	25	25		20.30					
10	QPSK	50	0		20.32					
10	16QAM	1	0		20.27		22	1		
10	16QAM	1	25		20.24					
10	16QAM	1	49		20.31					
10	16QAM	25	0		19.31					
10	16QAM	25	12		19.42		21	2		
10	16QAM	25	25		19.37					
10	16QAM	50	0		19.46					
10	64QAM	1	0		19.33					
10	64QAM	1	25		19.44		21	2		
10	64QAM	1	49		19.45					
10	64QAM	25	0		18.39					
10	64QAM	25	12		18.47		20	3		
10	64QAM	25	25		18.47					
10	64QAM	50	0		18.35					
Channel				23305 23330 23355						
Frequency (MHz)				790.5 793 795.5						
5	QPSK	1	0	21.23	21.17	21.13				
5	QPSK	1	12	21.10	21.18	21.09	23	0		
5	QPSK	1	24	21.22	21.09	21.20				
5	QPSK	12	0	20.32	20.26	20.18				
5	QPSK	12	7	20.21	20.14	20.29	22	1		
5	QPSK	12	13	20.30	20.20	20.15				
5	QPSK	25	0	20.17	20.18	20.25				
5	16QAM	1	0	20.35	20.28	20.11				
5	16QAM	1	12	20.17	20.20	20.27	22	1		
5	16QAM	1	24	20.17	20.30	20.21				
5	16QAM	12	0	19.32	19.30	19.24				
5	16QAM	12	7	19.21	19.26	19.27				
5	16QAM	12	13	19.20	19.33	19.25	21	2		
5	16QAM	25	0	19.20	19.39	19.42				
5	64QAM	1	0	19.34	19.20	19.35				
5	64QAM	1	12	19.24	19.41	19.28	21	2		
5	64QAM	1	24	19.45	19.43	19.25				
5	64QAM	12	0	18.24	18.20	18.36				
5	64QAM	12	7	18.17	18.44	18.24				
5	64QAM	12	13	18.33	18.33	18.50	20	3		
5	64QAM	25	0	18.38	18.22	18.13				

Band 17 Ant 3										
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				23780 23790 23800						
Frequency (MHz)				710 711 711						
10	QPSK	1	0	21.25	21.30	21.25				
10	QPSK	1	25	21.09	21.29	21.28	23	0		
10	QPSK	1	49	21.28	21.18	21.16				
10	QPSK	25	0	20.33	20.39	20.28				
10	QPSK	25	12	20.08	20.21	20.18	22	1		
10	QPSK	25	25	20.36	20.38	20.37				
10	QPSK	50	0	20.27	20.35	20.33				
10	16QAM	1	0	20.26	20.40	20.42				
10	16QAM	1	25	20.34	20.26	20.41	22	1		
10	16QAM	1	49	20.23	20.27	20.43				
10	16QAM	25	0	19.39	19.41	19.40				
10	16QAM	25	12	19.20	19.33	19.11	21	2		
10	16QAM	25	25	19.32	19.25	19.33				
10	16QAM	50	0	19.35	19.33	19.38				
10	64QAM	1	0	19.52	19.26	19.40				
10	64QAM	1	25	19.17	19.18	19.41	21	2		
10	64QAM	1	49	19.25	19.12	19.29				
10	64QAM	25	0	18.29	18.45	18.36				
10	64QAM	25	12	18.28	18.25	18.45	20	3		
10	64QAM	25	25	18.26	18.44	18.45				
10	64QAM	50	0	18.44	18.41	18.25				
Channel				23755 23790 23825						
Frequency (MHz)				706.5 710 713.5						
5	QPSK	1	0	21.12	21.15	21.29				
5	QPSK	1	12	21.09	21.16	21.23	23	0		
5	QPSK	1	24	21.12	21.16	21.14				
5	QPSK	12	0	20.27	20.35	20.15				
5	QPSK	12	7	20.07	20.18	20.28	22	1		
5	QPSK	12	13	20.23	20.25	20.24				
5	QPSK	25	0	20.07	20.30	20.32				
5	16QAM	1	0	20.10	20.25	20.30				
5	16QAM	1	12	20.18	20.23	20.26	22	1		
5	16QAM	1	24	20.25	20.25	20.25				
5	16QAM	12	0	19.30	19.40	19.25				
5	16QAM	12	7	19.15	19.14	19.08				
5	16QAM	12	13	19.26	19.04	19.26	21	2		
5	16QAM	25	0	19.20	19.15	19.18				
5	64QAM	1	0	19.34	19.25	19.31				
5	64QAM	1	12	19.02	19.04	19.36	21	2		
5	64QAM	1	24	19.15	19.33	19.15				
5	64QAM	12	0	18.31	18.33	18.29				
5	64QAM	12	7	18.24	18.25	18.39				
5	64QAM	12	13	18.25	18.35	18.24	20	3		
5	64QAM	25	0	18.35	18.19	18.12				



Band 71 Ant 3								
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				133222	133322	133372		
Frequency (MHz)				675	687	698		
20	QPSK	1	0	21.38	21.43	21.26	23	0
20	QPSK	1	49	21.33	21.40	21.31		
20	QPSK	1	99	21.35	21.39	21.24		
20	QPSK	50	0	20.37	20.45	20.36		
20	QPSK	50	24	20.38	20.41	20.31	22	1
20	QPSK	50	50	20.39	20.38	20.44		
20	QPSK	100	0	20.32	20.42	20.36		
20	16QAM	1	0	20.34	20.41	20.36		
20	16QAM	1	49	20.41	20.45	20.44	22	1
20	16QAM	1	99	20.41	20.36	20.36		
20	16QAM	50	0	19.40	19.38	19.33		
20	16QAM	50	24	19.28	19.27	19.23		
20	16QAM	50	50	19.17	19.22	19.29	21	2
20	16QAM	100	0	19.22	19.19	19.27		
20	64QAM	1	0	19.53	19.46	19.46		
20	64QAM	1	49	19.51	19.42	19.46	21	2
20	64QAM	1	99	19.43	19.39	19.35		
20	64QAM	50	0	18.42	18.44	18.34		
20	64QAM	50	24	18.40	18.38	18.45	20	3
20	64QAM	50	50	18.39	18.41	18.47		
20	64QAM	100	0	18.54	18.47	18.49		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.27	21.35	21.21	23	0
15	QPSK	1	37	21.13	21.35	21.23		
15	QPSK	1	74	21.29	21.34	21.07		
15	QPSK	36	0	20.36	20.26	20.23	22	1
15	QPSK	36	20	20.27	20.27	20.17		
15	QPSK	36	39	20.25	20.22	20.24		
15	QPSK	75	0	20.15	20.24	20.35		
15	16QAM	1	0	20.23	20.29	20.21	22	1
15	16QAM	1	37	20.21	20.47	20.39		
15	16QAM	1	74	20.27	20.33	20.20		
15	16QAM	36	0	19.39	19.25	19.24	21	2
15	16QAM	36	20	19.41	19.27	19.23		
15	16QAM	36	39	19.17	19.01	19.11		
15	16QAM	75	0	19.10	19.09	19.14		
15	64QAM	1	0	19.36	19.25	19.24	21	2
15	64QAM	1	37	19.36	19.30	19.31		
15	64QAM	1	74	19.28	19.37	19.30		
15	64QAM	36	0	18.39	18.32	18.15	20	3
15	64QAM	36	20	18.19	18.28	18.42		
15	64QAM	36	39	18.21	18.32	18.48		
15	64QAM	75	0	18.41	18.46	18.46		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.20	21.35	21.13	23	0
10	QPSK	1	25	21.20	21.37	21.13		
10	QPSK	1	49	21.33	21.33	21.05		
10	QPSK	25	0	20.29	20.46	20.29	22	1
10	QPSK	25	12	20.27	20.37	20.16		
10	QPSK	25	25	20.31	20.32	20.43		
10	QPSK	50	0	20.30	20.35	20.15	22	1
10	16QAM	1	0	20.29	20.24	20.29		
10	16QAM	1	25	20.34	20.29	20.40	22	1
10	16QAM	1	49	20.33	20.17	20.21		
10	16QAM	25	0	19.19	19.39	19.16	21	2
10	16QAM	25	12	19.19	19.19	19.23		
10	16QAM	25	25	19.10	19.07	19.18		
10	16QAM	50	0	19.14	19.01	19.19		
10	64QAM	1	0	19.39	19.33	19.31	21	2
10	64QAM	1	25	19.36	19.42	19.47		
10	64QAM	1	49	19.42	19.41	19.25		
10	64QAM	25	0	18.21	18.29	18.18	20	3
10	64QAM	25	12	18.30	18.19	18.25		
10	64QAM	25	25	18.39	18.24	18.32		
10	64QAM	50	0	18.37	18.36	18.35		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.18	21.37	21.17	23	0
5	QPSK	1	12	21.22	21.33	21.32		
5	QPSK	1	24	21.29	21.31	21.13		
5	QPSK	12	0	20.29	20.35	20.30	22	1
5	QPSK	12	7	20.34	20.38	20.21		
5	QPSK	12	13	20.28	20.25	20.37		
5	QPSK	25	0	20.23	20.35	20.23	22	1
5	16QAM	1	0	20.36	20.24	20.25		
5	16QAM	1	12	20.35	20.35	20.40	22	1
5	16QAM	1	24	20.27	20.38	20.37		
5	16QAM	12	0	19.29	19.24	19.13	21	2
5	16QAM	12	7	19.17	19.29	19.03		
5	16QAM	12	13	19.17	19.07	19.20		
5	16QAM	25	0	19.03	19.06	19.26		
5	64QAM	1	0	19.52	19.43	19.43	21	2
5	64QAM	1	12	19.39	19.25	19.27		
5	64QAM	1	24	19.33	19.24	19.26		
5	64QAM	12	0	18.30	18.28	18.31	20	3
5	64QAM	12	7	18.24	18.39	18.35		
5	64QAM	12	13	18.24	18.23	18.44		
5	64QAM	25	0	18.38	18.46	18.50		



Reduced Power Mode for DSI3

GSM850 Ant0 DSI3									
QSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8			
GSM 1 Tx slot	29.20	29.22	29.12	30.50	20.20	20.22	20.12	21.50	
GPRS 1 Tx slots	29.13	29.16	29.02	30.50	20.13	20.16	20.02	21.50	
GPRS 2 Tx slots	27.91	28.00	28.00	29.50	21.91	22.00	22.00	23.50	
GPRS 3 Tx slots	25.86	26.02	25.92	27.50	21.60	21.76	21.66	23.24	
GPRS 4 Tx slots	25.26	25.37	25.21	26.50	22.26	22.37	22.21	23.50	
EDGE 1 Tx slot	23.36	23.40	23.35	24.50	14.36	14.40	14.35	15.50	
EDGE 2 Tx slots	22.13	22.24	22.20	23.50	16.13	16.24	16.20	17.50	
EDGE 3 Tx slots	19.78	19.92	19.89	21.50	15.52	15.66	15.63	17.24	
EDGE 4 Tx slots	18.64	18.67	18.51	20.00	15.64	15.67	15.51	17.00	

GSM1900 Ant0 DSI3									
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8			
GSM 1 Tx slot	21.31	21.42	21.28	22.50	12.31	12.42	12.28	13.50	
GPRS 1 Tx slot	21.23	21.39	21.22	22.50	12.23	12.39	12.22	13.50	
GPRS 2 Tx slots	20.40	20.51	20.44	21.50	14.40	14.51	14.44	15.50	
GPRS 3 Tx slots	18.45	18.52	18.40	19.50	14.19	14.26	14.14	15.24	
GPRS 4 Tx slots	17.48	17.55	17.37	18.50	14.48	14.55	14.37	15.50	
EDGE 1 Tx slot	16.82	16.89	16.76	18.00	7.82	7.89	7.76	9.00	
EDGE 2 Tx slots	15.80	15.91	15.76	17.00	9.80	9.91	9.76	11.00	
EDGE 3 Tx slots	13.62	13.65	13.61	15.00	9.36	9.39	9.35	10.74	
EDGE 4 Tx slots	12.10	12.23	12.07	13.50	9.10	9.23	9.07	10.50	

Band	WCDMA II Ant0 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant0 DSI3			Tune-up Limit (dBm)	WCDMA V Ant0 DSI3			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458			
Frequency (MHz)	832.4	833	837.5	12.24	12.23	12.23	26.4	26.4	26.6			
3GPP Rel 99 AMR 12.2Kbps	14.70	14.87	14.87	16.00	14.67	14.73	14.60	16.00	20.79	20.91	20.82	22.00
3GPP Rel 99 RMC 12.2Kbps	14.76	14.92	14.91	16.00	14.71	14.79	14.64	16.00	20.88	20.95	20.90	22.00
3GPP Rel 6 HSDPA Subtest-1	13.85	13.84	13.62	15.00	13.78	13.81	13.55	15.00	20.01	19.98	19.87	21.00
3GPP Rel 6 HSDPA Subtest-2	13.83	13.83	13.54	15.00	13.62	13.66	13.51	15.00	19.66	19.71	19.62	21.00
3GPP Rel 6 HSDPA Subtest-3	12.97	13.08	13.06	14.50	13.05	13.12	13.04	14.50	19.00	19.01	19.12	20.50
3GPP Rel 6 HSDPA Subtest-4	13.12	13.06	13.22	14.50	12.93	13.01	13.04	14.50	19.10	19.05	19.07	20.50
3GPP Rel 6 DC-HSDPA Subtest-1	13.60	13.76	13.71	15.00	13.56	13.66	13.48	15.00	19.74	19.75	19.70	21.00
3GPP Rel 6 DC-HSDPA Subtest-2	13.52	13.47	13.53	15.00	13.35	13.41	13.44	15.00	19.44	19.46	19.53	21.00
3GPP Rel 6 DC-HSDPA Subtest-3	12.89	13.05	12.78	14.50	12.79	12.96	12.71	14.50	18.94	19.00	18.80	20.50
3GPP Rel 6 DC-HSDPA Subtest-4	12.88	13.05	12.97	14.50	12.83	13.01	12.95	14.50	18.87	19.08	19.09	20.50
3GPP Rel 6 HSUPA Subtest-1	13.83	13.96	13.60	15.00	13.71	13.63	13.53	15.00	19.80	19.97	19.66	21.00
3GPP Rel 6 HSUPA Subtest-2	11.78	11.90	11.96	13.00	11.83	11.76	11.88	13.00	17.71	18.02	17.82	19.00
3GPP Rel 6 HSUPA Subtest-3	12.85	12.80	12.78	14.00	12.76	12.83	12.56	14.00	18.83	18.90	18.71	20.00
3GPP Rel 6 HSUPA Subtest-4	11.88	11.67	11.47	13.00	11.57	11.56	11.55	13.00	17.61	17.75	17.58	19.00
3GPP Rel 6 HSUPA Subtest-5	13.61	13.61	13.64	15.00	13.40	13.46	13.66	15.00	19.60	19.62	19.62	21.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	11.28	11.20	11.43	12.50	11.15	11.24	11.36	12.50	17.19	17.26	17.44	18.50



GSM850 Ant3 DS13

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.08	28.12	27.98	29.50	19.08	19.12	18.98	20.50
GPRS 1 Tx slot	27.96	28.08	27.85	29.50	18.96	19.08	18.85	20.50
GPRS 2 Tx slots	26.90	27.03	26.77	28.50	20.90	21.03	20.77	22.50
GPRS 3 Tx slots	24.96	25.05	24.80	26.50	20.70	20.79	20.54	22.24
GPRS 4 Tx slots	23.95	24.10	23.90	25.50	20.95	21.10	20.90	22.50
EDGE 1 Tx slot	26.75	26.81	26.68	28.00	17.75	17.81	17.68	19.00
EDGE 2 Tx slots	25.84	25.91	25.62	27.00	19.84	19.91	19.62	21.00
EDGE 3 Tx slots	23.71	23.78	23.52	25.00	19.45	19.52	19.26	20.74
EDGE 4 Tx slots	22.51	22.56	22.27	23.50	19.51	19.56	19.27	20.50

GSM1900 Ant3 DS13

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	20.93	21.10	21.08	22.00	11.93	12.10	12.08	13.00
GPRS 1 Tx slot	20.83	21.05	20.99	22.00	11.83	12.05	11.99	13.00
GPRS 2 Tx slots	20.11	20.32	20.19	21.00	14.11	14.32	14.19	15.00
GPRS 3 Tx slots	16.17	16.28	16.16	19.00	13.91	14.02	13.90	14.74
GPRS 4 Tx slots	17.01	17.22	17.11	18.00	14.01	14.22	14.11	15.00
EDGE 1 Tx slot	17.33	17.51	17.43	18.50	8.33	8.51	8.43	9.50
EDGE 2 Tx slots	16.29	16.48	16.36	17.50	10.29	10.48	10.36	11.50
EDGE 3 Tx slots	13.88	14.12	14.02	15.50	9.62	9.86	9.76	11.24
EDGE 4 Tx slots	12.77	12.88	12.72	14.00	9.77	9.88	9.72	11.00

WCDMA II Ant3 DS13

WCDMA V Ant3 DS13

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	TX Channel	9262	9400		9538	4132	4182	
Rx Channel	9662	9800	9938		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		626.4	636.4	646.6	
3GPP Rel 99 AMR 12.2Kbps	14.91	14.92	14.81	16.00	20.92	21.01	20.99	22.00
3GPP Rel 99 AMR 12.2Kbps	14.95	14.96	14.88	16.00	20.93	21.03	21.01	22.00
3GPP Rel 6 HSDPA Subtest-1	14.00	13.96	13.79	15.00	19.97	20.15	19.88	21.00
3GPP Rel 6 HSDPA Subtest-2	13.71	13.74	13.74	15.00	19.79	19.83	19.70	21.00
3GPP Rel 6 HSDPA Subtest-3	13.27	13.13	13.07	14.50	19.18	19.33	19.22	20.50
3GPP Rel 6 HSDPA Subtest-4	13.16	13.19	13.13	14.50	19.15	19.25	19.27	20.50
3GPP Rel 8 DC-HSDPA Subtest-1	13.74	13.84	13.70	15.00	19.85	20.00	19.73	21.00
3GPP Rel 8 DC-HSDPA Subtest-2	13.49	13.49	13.61	15.00	19.73	19.61	19.72	21.00
3GPP Rel 8 DC-HSDPA Subtest-3	12.98	13.23	12.94	14.50	18.99	19.27	19.03	20.50
3GPP Rel 8 DC-HSDPA Subtest-4	13.03	13.07	12.98	14.50	19.16	19.14	19.16	20.50
3GPP Rel 6 HSUPA Subtest-1	13.84	13.97	13.58	15.00	19.98	19.91	19.76	21.00
3GPP Rel 6 HSUPA Subtest-2	12.06	12.08	11.91	13.00	18.05	17.94	18.06	19.00
3GPP Rel 6 HSUPA Subtest-3	12.75	13.04	12.95	14.00	18.89	18.98	18.99	20.00
3GPP Rel 6 HSUPA Subtest-4	11.78	11.82	11.71	13.00	17.90	17.74	17.63	19.00
3GPP Rel 6 HSUPA Subtest-5	13.71	13.72	13.69	15.00	19.64	19.71	19.78	21.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	11.42	11.35	11.45	12.50	17.39	17.43	17.50	18.50



Band 71 Ant 3								
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				133222	133322	133372		
Frequency (MHz)				675	685	695		
20	QPSK	1	0	21.38	21.43	21.26	23	0
20	QPSK	1	49	21.33	21.40	21.31		
20	QPSK	1	99	21.35	21.39	21.24		
20	QPSK	50	0	20.37	20.45	20.36		
20	QPSK	50	24	20.38	20.41	20.31	22	1
20	QPSK	50	50	20.39	20.38	20.44		
20	QPSK	100	0	20.32	20.42	20.36		
20	16QAM	1	0	20.34	20.41	20.36		
20	16QAM	1	49	20.41	20.45	20.44	22	1
20	16QAM	1	99	20.41	20.36	20.36		
20	16QAM	50	0	19.40	19.38	19.33		
20	16QAM	50	24	19.28	19.27	19.23		
20	16QAM	50	50	19.17	19.22	19.29	21	2
20	16QAM	100	0	19.22	19.19	19.27		
20	64QAM	1	0	19.53	19.46	19.46		
20	64QAM	1	49	19.51	19.42	19.46	21	2
20	64QAM	1	99	19.43	19.39	19.35		
20	64QAM	50	0	18.42	18.44	18.34		
20	64QAM	50	24	18.40	18.38	18.45	20	3
20	64QAM	50	50	18.39	18.41	18.47		
20	64QAM	100	0	18.54	18.47	18.49		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.27	21.35	21.21	23	0
15	QPSK	1	37	21.13	21.35	21.23		
15	QPSK	1	74	21.29	21.34	21.07		
15	QPSK	36	0	20.36	20.26	20.23	22	1
15	QPSK	36	20	20.27	20.27	20.17		
15	QPSK	36	39	20.25	20.22	20.24		
15	QPSK	75	0	20.15	20.24	20.35		
15	16QAM	1	0	20.23	20.29	20.21	22	1
15	16QAM	1	37	20.21	20.47	20.39		
15	16QAM	1	74	20.27	20.33	20.20		
15	16QAM	36	0	19.39	19.25	19.24	21	2
15	16QAM	36	20	19.41	19.27	19.23		
15	16QAM	36	39	19.17	19.01	19.11		
15	16QAM	75	0	19.10	19.09	19.14		
15	64QAM	1	0	19.36	19.25	19.24	21	2
15	64QAM	1	37	19.36	19.30	19.31		
15	64QAM	1	74	19.28	19.37	19.30		
15	64QAM	36	0	18.39	18.32	18.15	20	3
15	64QAM	36	20	18.19	18.28	18.42		
15	64QAM	36	39	18.21	18.32	18.48		
15	64QAM	75	0	18.41	18.46	18.46		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.20	21.35	21.13	23	0
10	QPSK	1	25	21.20	21.37	21.13		
10	QPSK	1	49	21.33	21.33	21.05		
10	QPSK	25	0	20.29	20.46	20.29	22	1
10	QPSK	25	12	20.27	20.37	20.16		
10	QPSK	25	25	20.31	20.32	20.43		
10	QPSK	50	0	20.30	20.35	20.15	22	1
10	16QAM	1	0	20.29	20.24	20.29		
10	16QAM	1	25	20.34	20.29	20.40	22	1
10	16QAM	1	49	20.33	20.17	20.21		
10	16QAM	25	0	19.19	19.39	19.16	21	2
10	16QAM	25	12	19.19	19.19	19.23		
10	16QAM	25	25	19.10	19.07	19.18		
10	16QAM	50	0	19.14	19.01	19.19		
10	64QAM	1	0	19.39	19.33	19.31	21	2
10	64QAM	1	25	19.36	19.42	19.47		
10	64QAM	1	49	19.42	19.41	19.25		
10	64QAM	25	0	18.21	18.29	18.18	20	3
10	64QAM	25	12	18.30	18.19	18.25		
10	64QAM	25	25	18.39	18.24	18.32		
10	64QAM	50	0	18.37	18.36	18.35		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.18	21.37	21.17	23	0
5	QPSK	1	12	21.22	21.33	21.32		
5	QPSK	1	24	21.29	21.31	21.13		
5	QPSK	12	0	20.29	20.35	20.30	22	1
5	QPSK	12	7	20.34	20.38	20.21		
5	QPSK	12	13	20.28	20.25	20.37		
5	QPSK	25	0	20.23	20.35	20.23	22	1
5	16QAM	1	0	20.36	20.24	20.25		
5	16QAM	1	12	20.35	20.35	20.40	22	1
5	16QAM	1	24	20.27	20.38	20.37		
5	16QAM	12	0	19.29	19.24	19.13	21	2
5	16QAM	12	7	19.17	19.29	19.03		
5	16QAM	12	13	19.17	19.07	19.20		
5	16QAM	25	0	19.03	19.06	19.26		
5	64QAM	1	0	19.52	19.43	19.43	21	2
5	64QAM	1	12	19.39	19.25	19.27		
5	64QAM	1	24	19.33	19.24	19.26		
5	64QAM	12	0	18.30	18.28	18.31	20	3
5	64QAM	12	7	18.24	18.39	18.35		
5	64QAM	12	13	18.24	18.23	18.44		
5	64QAM	25	0	18.38	18.46	18.50		



Reduced Power Mode for DS16

GSM850	GSM850 Ant0 DS16			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)				128	189	251	
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.74	31.77	31.67	33.00	22.74	22.77	22.67	24.00
GPRS 1 Tx slots	31.62	31.70	31.56	33.00	22.62	22.70	22.56	24.00
GPRS 2 Tx slots	30.75	30.86	30.70	32.00	24.75	24.86	24.70	25.00
GPRS 3 Tx slots	28.67	28.81	28.68	30.00	24.41	24.55	24.42	25.74
GPRS 4 Tx slots	27.44	27.48	27.46	29.00	24.44	24.48	24.46	26.00
EDGE 1 Tx slot	26.61	26.69	26.64	28.00	17.61	17.69	17.64	19.00
EDGE 2 Tx slots	25.54	25.64	25.59	27.00	19.54	19.64	19.59	21.00
EDGE 3 Tx slots	23.25	23.41	23.38	25.00	18.99	19.15	19.12	20.74
EDGE 4 Tx slots	21.64	21.76	21.63	23.50	18.64	18.76	18.63	20.50

GSM1900	GSM1900 Ant0 DS16			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	Burst Average Power (dBm)				512	661	810	
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.28	26.36	26.16	27.50	17.28	17.36	17.16	18.50
GPRS 1 Tx slots	26.18	26.31	26.10	27.50	17.18	17.31	17.10	18.50
GPRS 2 Tx slots	25.28	25.37	25.06	26.50	19.28	19.37	19.06	20.50
GPRS 3 Tx slots	23.21	23.34	23.12	24.50	18.95	19.08	18.86	20.24
GPRS 4 Tx slots	22.24	22.26	21.99	23.50	19.24	19.26	18.99	20.50
EDGE 1 Tx slot	21.68	21.71	21.47	23.00	12.68	12.71	12.47	14.00
EDGE 2 Tx slots	20.42	20.56	20.35	22.00	14.42	14.56	14.35	16.00
EDGE 3 Tx slots	18.21	18.29	18.11	20.00	13.95	14.03	13.85	15.74
EDGE 4 Tx slots	17.04	17.13	16.94	18.50	14.04	14.13	13.94	15.50

Band	WCDMA II Ant0 DS16			Tune-up Limit (dBm)	WCDMA IV Ant0 DS16			Tune-up Limit (dBm)	WCDMA V Ant0 Default			Tune-up Limit (dBm)
	WCDMA II				WCDMA IV				WCDMA V			
	Rx Channel	9262	9400		9538	1312	1413		1513	4132	4182	
Frequency (MHz)	9662	9800	9938	1537	1638	1738	4357	4407	4458			
3GPP Rel 99 AMR 12.2Kbps	18.68	18.81	18.78	20.00	17.72	17.74	17.54	19.00	22.81	22.86	22.84	24.00
3GPP Rel 99 RMC 12.2Kbps	18.72	18.87	18.80	20.00	17.75	17.77	17.61	19.00	22.83	22.88	22.86	24.00
3GPP Rel 6 HSDPA Subtest-1	17.83	17.86	17.64	19.00	16.78	16.85	16.54	18.00	21.93	21.90	21.77	23.00
3GPP Rel 6 HSDPA Subtest-2	17.48	17.71	17.41	19.00	16.49	16.60	16.46	18.00	21.61	21.62	21.52	23.00
3GPP Rel 6 HSDPA Subtest-3	16.95	17.10	17.04	18.50	16.09	16.11	15.94	17.50	20.94	20.97	21.08	22.50
3GPP Rel 6 HSDPA Subtest-4	17.01	17.06	17.17	18.50	15.90	16.04	16.03	17.50	21.06	21.04	21.04	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	17.66	17.74	17.56	19.00	16.61	16.67	16.43	18.00	21.63	21.71	21.64	23.00
3GPP Rel 6 DC-HSDPA Subtest-2	17.44	17.41	17.46	19.00	16.26	16.45	16.37	18.00	21.36	21.43	21.51	23.00
3GPP Rel 6 DC-HSDPA Subtest-3	16.91	17.13	16.77	18.50	15.80	15.96	15.76	17.50	20.84	20.99	20.79	22.50
3GPP Rel 6 DC-HSDPA Subtest-4	16.86	16.98	16.92	18.50	15.84	15.95	15.90	17.50	20.83	21.02	20.98	22.50
3GPP Rel 6 HSUPA Subtest-1	17.70	17.78	17.49	19.00	16.74	16.71	16.62	18.00	21.78	21.87	21.61	23.00
3GPP Rel 6 HSUPA Subtest-2	15.70	15.87	15.86	17.00	14.79	14.78	14.90	16.00	19.70	19.93	19.80	21.00
3GPP Rel 6 HSUPA Subtest-3	16.88	16.78	16.67	18.00	15.61	15.80	15.65	17.00	20.81	20.80	20.61	22.00
3GPP Rel 6 HSUPA Subtest-4	15.71	15.88	15.40	17.00	14.58	14.58	14.50	16.00	19.66	19.66	19.50	21.00
3GPP Rel 6 HSUPA Subtest-5	17.66	17.63	17.52	19.00	16.49	16.46	16.60	18.00	21.48	21.53	21.55	23.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	15.25	15.22	15.44	16.50	14.16	14.15	14.33	15.50	19.17	19.20	19.35	20.50



GSM850 Ant3 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8	32.50	22.16	22.19	22.10	23.50
GSM 1 Tx slot	31.16	31.19	31.10	32.50	22.11	22.14	22.05	23.50
GPRS 1 Tx slot	31.11	31.14	31.05	32.50	22.11	22.14	22.05	23.50
GPRS 2 Tx slots	30.12	30.17	30.06	31.50	24.12	24.17	24.06	25.50
GPRS 3 Tx slots	28.19	28.21	28.08	29.50	23.93	23.95	23.82	25.24
GPRS 4 Tx slots	27.21	27.26	27.15	28.50	24.21	24.26	24.15	25.50
EDGE 1 Tx slot	26.75	26.81	26.68	28.00	17.75	17.81	17.68	19.00
EDGE 2 Tx slots	25.84	25.91	25.62	27.00	19.84	19.91	19.82	21.00
EDGE 3 Tx slots	23.71	23.78	23.52	25.00	19.45	19.52	19.26	20.74
EDGE 4 Tx slots	22.51	22.56	22.27	23.50	19.51	19.56	19.27	20.50

GSM1900 Ant3 DS16

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8	27.00	16.82	17.08	16.97	18.00
GSM 1 Tx slot	25.82	26.08	25.97	27.00	16.82	17.02	16.83	18.00
GPRS 1 Tx slot	25.81	26.02	25.93	27.00	16.81	17.02	16.83	18.00
GPRS 2 Tx slots	24.72	24.99	24.86	26.00	18.72	18.99	18.86	20.00
GPRS 3 Tx slots	22.68	22.88	22.91	24.00	18.42	18.72	18.85	19.74
GPRS 4 Tx slots	21.63	21.94	21.81	23.00	18.63	18.94	18.81	20.00
EDGE 1 Tx slot	21.20	21.42	21.31	22.50	12.20	12.42	12.31	13.50
EDGE 2 Tx slots	20.12	20.34	20.27	21.50	14.12	14.34	14.27	15.50
EDGE 3 Tx slots	17.88	18.06	18.01	19.50	13.62	13.80	13.75	15.24
EDGE 4 Tx slots	16.60	16.78	16.66	18.00	13.60	13.78	13.66	15.00

WCDMA II Ant3 DS16

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9282	9400	9538		4132	4182	4233		
TX Channel	9662	9800	9938		4357	4407	4458		
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	19.34	19.35	19.31	20.50	21.92	22.01	21.99	23.00
3GPP Rel 99	AMR 12.2Kbps	19.26	19.37	19.29	20.50	21.93	22.03	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	18.35	18.44	18.14	19.50	20.97	21.15	20.96	22.00
3GPP Rel 6	HSDPA Subtest-2	18.04	18.18	18.10	19.50	20.79	20.83	20.70	22.00
3GPP Rel 6	HSDPA Subtest-3	17.69	17.46	17.42	19.00	20.18	20.33	20.22	21.50
3GPP Rel 6	HSDPA Subtest-4	17.48	17.59	17.62	19.00	20.15	20.25	20.27	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.09	18.21	18.08	19.50	20.85	21.00	20.73	22.00
3GPP Rel 6	DC-HSDPA Subtest-2	17.93	18.08	17.89	19.50	20.73	20.61	20.72	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.36	17.67	17.38	19.00	19.99	20.27	20.03	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.44	17.48	17.44	19.00	20.16	20.14	20.16	21.50
3GPP Rel 6	HSUPA Subtest-1	18.25	18.31	17.96	19.50	20.98	20.91	20.76	22.00
3GPP Rel 6	HSUPA Subtest-2	16.34	16.47	16.36	17.50	19.05	18.94	19.06	20.00
3GPP Rel 6	HSUPA Subtest-3	17.21	17.37	17.27	18.50	19.89	19.98	19.99	21.00
3GPP Rel 6	HSUPA Subtest-4	16.09	16.15	16.09	17.50	18.90	18.74	18.63	20.00
3GPP Rel 6	HSUPA Subtest-5	18.09	18.12	18.17	19.50	20.64	20.71	20.78	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.91	15.83	15.88	17.00	18.39	18.43	18.50	19.50



Band 71 Ant 3								
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				133222	133322	133372		
Frequency (MHz)				675	685	695		
20	QPSK	1	0	21.38	21.43	21.26	23	0
20	QPSK	1	49	21.33	21.40	21.31		
20	QPSK	1	99	21.35	21.39	21.24		
20	QPSK	50	0	20.37	20.45	20.36		
20	QPSK	50	24	20.38	20.41	20.31	22	1
20	QPSK	50	50	20.39	20.38	20.44		
20	QPSK	100	0	20.32	20.42	20.36		
20	16QAM	1	0	20.34	20.41	20.36		
20	16QAM	1	49	20.41	20.45	20.44	22	1
20	16QAM	1	99	20.41	20.36	20.36		
20	16QAM	50	0	19.40	19.38	19.33		
20	16QAM	50	24	19.28	19.27	19.23		
20	16QAM	50	50	19.17	19.22	19.29	21	2
20	16QAM	100	0	19.22	19.19	19.27		
20	64QAM	1	0	19.53	19.46	19.46		
20	64QAM	1	49	19.51	19.42	19.46	21	2
20	64QAM	1	99	19.43	19.39	19.35		
20	64QAM	50	0	18.42	18.44	18.34		
20	64QAM	50	24	18.40	18.38	18.45	20	3
20	64QAM	50	50	18.39	18.41	18.47		
20	64QAM	100	0	18.54	18.47	18.49		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.27	21.35	21.21	23	0
15	QPSK	1	37	21.13	21.35	21.23		
15	QPSK	1	74	21.29	21.34	21.07		
15	QPSK	36	0	20.36	20.26	20.23	22	1
15	QPSK	36	20	20.27	20.27	20.17		
15	QPSK	36	39	20.25	20.22	20.24		
15	QPSK	75	0	20.15	20.24	20.35		
15	16QAM	1	0	20.23	20.29	20.21	22	1
15	16QAM	1	37	20.21	20.47	20.39		
15	16QAM	1	74	20.27	20.33	20.20		
15	16QAM	36	0	19.39	19.25	19.24	21	2
15	16QAM	36	20	19.41	19.27	19.23		
15	16QAM	36	39	19.17	19.01	19.11		
15	16QAM	75	0	19.10	19.09	19.14		
15	64QAM	1	0	19.36	19.25	19.24	21	2
15	64QAM	1	37	19.36	19.30	19.31		
15	64QAM	1	74	19.28	19.37	19.30		
15	64QAM	36	0	18.39	18.32	18.15	20	3
15	64QAM	36	20	18.19	18.28	18.42		
15	64QAM	36	39	18.21	18.32	18.48		
15	64QAM	75	0	18.41	18.46	18.46		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.20	21.35	21.13	23	0
10	QPSK	1	25	21.20	21.37	21.13		
10	QPSK	1	49	21.33	21.33	21.05		
10	QPSK	25	0	20.29	20.46	20.29	22	1
10	QPSK	25	12	20.27	20.37	20.16		
10	QPSK	25	25	20.31	20.32	20.43		
10	QPSK	50	0	20.30	20.35	20.15	22	1
10	16QAM	1	0	20.29	20.24	20.29		
10	16QAM	1	25	20.34	20.29	20.40	22	1
10	16QAM	1	49	20.33	20.17	20.21		
10	16QAM	25	0	19.19	19.39	19.16	21	2
10	16QAM	25	12	19.19	19.19	19.23		
10	16QAM	25	25	19.10	19.07	19.18		
10	16QAM	50	0	19.14	19.01	19.19		
10	64QAM	1	0	19.39	19.33	19.31	21	2
10	64QAM	1	25	19.36	19.42	19.47		
10	64QAM	1	49	19.42	19.41	19.25		
10	64QAM	25	0	18.21	18.29	18.18	20	3
10	64QAM	25	12	18.30	18.19	18.25		
10	64QAM	25	25	18.39	18.24	18.32		
10	64QAM	50	0	18.37	18.36	18.35		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.18	21.37	21.17	23	0
5	QPSK	1	12	21.22	21.33	21.32		
5	QPSK	1	24	21.29	21.31	21.13		
5	QPSK	12	0	20.29	20.35	20.30	22	1
5	QPSK	12	7	20.34	20.38	20.21		
5	QPSK	12	13	20.28	20.25	20.37		
5	QPSK	25	0	20.23	20.35	20.23		
5	16QAM	1	0	20.36	20.24	20.25	22	1
5	16QAM	1	12	20.35	20.35	20.40		
5	16QAM	1	24	20.27	20.38	20.37		
5	16QAM	12	0	19.29	19.24	19.13	21	2
5	16QAM	12	7	19.17	19.29	19.03		
5	16QAM	12	13	19.17	19.07	19.20		
5	16QAM	25	0	19.03	19.06	19.26		
5	64QAM	1	0	19.52	19.43	19.43	21	2
5	64QAM	1	12	19.39	19.25	19.27		
5	64QAM	1	24	19.33	19.24	19.26		
5	64QAM	12	0	18.30	18.28	18.31	20	3
5	64QAM	12	7	18.24	18.39	18.35		
5	64QAM	12	13	18.24	18.23	18.44		
5	64QAM	25	0	18.38	18.46	18.50		



Ant 1 Full Power DSI 2

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.21	24.00
40185	40383	QPSK	1	99	1	0	22.23	24.00
40620	40818	QPSK	1	99	1	0	22.36	24.00
41055	41253	QPSK	1	99	1	0	22.27	24.00
41490	41292	QPSK	1	0	1	99	22.16	24.00

Ant 1 DSI3&7

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.26	21.00
40185	40383	QPSK	1	99	1	0	19.18	21.00
40620	40818	QPSK	1	99	1	0	19.36	21.00
41055	41253	QPSK	1	99	1	0	19.28	21.00
41490	41292	QPSK	1	0	1	99	19.30	21.00

Ant 1 Full Power HPUE DSI 2

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.18	27.00
40185	40383	QPSK	1	99	1	0	25.13	27.00
40620	40818	QPSK	1	99	1	0	25.28	27.00
41055	41253	QPSK	1	99	1	0	25.20	27.00
41490	41292	QPSK	1	0	1	99	25.13	27.00

Ant 1 HPUE DSI3&7

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.20	24.00
40185	40383	QPSK	1	99	1	0	22.15	24.00
40620	40818	QPSK	1	99	1	0	22.41	24.00
41055	41253	QPSK	1	99	1	0	22.20	24.00
41490	41292	QPSK	1	0	1	99	22.23	24.00

Ant 1 DS16

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.18	23.00
40185	40383	QPSK	1	99	1	0	21.25	23.00
40620	40818	QPSK	1	99	1	0	21.35	23.00
41055	41253	QPSK	1	99	1	0	21.13	23.00
41490	41292	QPSK	1	0	1	99	21.22	23.00

Ant 1 HPUE DS16

CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.16	26.00
40185	40383	QPSK	1	99	1	0	24.25	26.00
40620	40818	QPSK	1	99	1	0	24.39	26.00
41055	41253	QPSK	1	99	1	0	24.18	26.00
41490	41292	QPSK	1	0	1	99	24.30	26.00

**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	9.09	7.23	7.01	10.50
	CH 39	2441	9.08	7.10	7.12	10.50
	CH 78	2480	9.16	7.09	7.13	10.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	3.03
	CH 19	2440	3.07
	CH 39	2480	3.06
Tune-up Limit			4.50

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	3.26
	CH 19	2440	3.41
	CH 39	2480	3.05
Tune-up Limit			4.50