

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-PSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-PSK, 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							
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.13	32.17	32.07	33.50	23.13	23.17	23.07	24.50
GPRS 1 Tx slot		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		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.20	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	20.36	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

		WCDMA II Ant0 Default				WCDMA IV Ant0 Default				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
RX Channel		9662	9800	9938		1537	1638	1738		4367	4407	4458	
Frequency (MHz)		1852.4	1890	1907.6		1712.4	1732.6	1752.8		426.8	430.8	446.6	
3GPP Rel 99	AMR 12.2Kbps	22.89	23.05	23.00	24.00	22.75	22.82	22.61	24.00	22.81	22.86	22.84	24.00
3GPP Rel 99	RMC 12.2Kbps	22.90	23.07	23.01	24.00	22.77	22.84	22.63	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	21.93	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 8	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 8	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 8	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 8	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	19.88	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	22.19	22.28	22.14	24	0				
20	QPSK	1	49	22.11	22.19	22.23						
20	QPSK	1	99	22.27	22.23	22.23						
20	QPSK	50	0	21.36	21.38	21.25						
20	QPSK	50	24	21.16	21.25	21.19	23	1				
20	QPSK	50	50	21.36	21.31	21.30						
20	QPSK	100	0	21.25	21.35	21.28						
20	16QAM	1	0	21.34	21.33	21.41						
20	16QAM	1	49	21.26	21.34	21.36	23	1				
20	16QAM	1	99	21.32	21.26	21.35						
20	16QAM	50	0	20.36	20.37	20.38						
20	16QAM	50	24	20.20	20.25	20.21						
20	16QAM	50	50	20.30	20.31	20.31	22	2				
20	16QAM	100	0	20.28	20.29	20.29						
20	64QAM	1	0	20.44	20.36	20.31						
20	64QAM	1	49	20.15	20.22	20.32						
20	64QAM	1	99	20.22	20.21	20.23	22	2				
20	64QAM	50	0	19.32	19.39	19.32						
20	64QAM	50	24	19.21	19.28	19.37						
20	64QAM	50	50	19.26	19.36	19.38						
20	64QAM	100	0	19.37	19.33	19.34	21	3				
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.09	22.22	22.01	24	0				
15	QPSK	1	37	22.07	22.01	22.21						
15	QPSK	1	74	22.13	22.25	22.02						
15	QPSK	36	0	21.34	21.34	21.20						
15	QPSK	36	20	21.14	21.22	21.01	23	1				
15	QPSK	36	39	21.18	21.13	21.18						
15	QPSK	75	0	21.27	21.19	21.14						
15	16QAM	1	0	21.17	21.27	21.23						
15	16QAM	1	37	21.12	21.20	21.37	23	1				
15	16QAM	1	74	21.30	21.08	21.18						
15	16QAM	36	0	20.14	20.22	20.35						
15	16QAM	36	20	20.06	20.15	20.16						
15	16QAM	36	39	20.08	20.11	20.28	22	2				
15	16QAM	75	0	20.25	20.26	20.25						
15	64QAM	1	0	20.45	20.27	20.23						
15	64QAM	1	37	20.05	20.06	20.13						
15	64QAM	1	74	20.09	20.03	20.16	22	2				
15	64QAM	36	0	19.26	19.21	19.21						
15	64QAM	36	20	19.04	19.17	19.27						
15	64QAM	36	39	19.25	19.19	19.25						
15	64QAM	75	0	19.34	19.12	19.20	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.12	22.21	22.07	24	0				
10	QPSK	1	25	22.09	22.13	22.19						
10	QPSK	1	49	22.15	22.21	22.10						
10	QPSK	25	0	21.21	21.36	21.06						
10	QPSK	25	12	21.07	21.04	21.01	23	1				
10	QPSK	25	25	21.21	21.33	21.24						
10	QPSK	50	0	21.19	21.25	21.21						
10	16QAM	1	0	21.32	21.12	21.34						
10	16QAM	1	25	21.21	21.29	21.19	23	1				
10	16QAM	1	49	21.13	21.27	21.23						
10	16QAM	25	0	20.22	20.37	20.30						
10	16QAM	25	12	20.09	20.03	20.21						
10	16QAM	25	25	20.22	20.33	20.18	22	2				
10	16QAM	50	0	20.26	20.28	20.09						
10	64QAM	1	0	20.36	20.15	20.13						
10	64QAM	1	25	20.15	20.15	20.25						
10	64QAM	1	49	20.19	20.11	20.10	22	2				
10	64QAM	25	0	19.14	19.22	19.31						
10	64QAM	25	12	19.06	19.08	19.29						
10	64QAM	25	25	19.09	19.30	19.29						
10	64QAM	50	0	19.34	19.17	19.31	21	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.10	22.23	22.14	24	0				
5	QPSK	1	12	22.09	22.12	22.17						
5	QPSK	1	24	22.24	22.23	22.24						
5	QPSK	12	0	21.17	21.35	21.09						
5	QPSK	12	7	21.03	21.22	21.17	23	1				
5	QPSK	12	13	21.18	21.32	21.22						
5	QPSK	25	0	21.11	21.22	21.20						
5	16QAM	1	0	21.31	21.19	21.21						
5	16QAM	1	12	21.09	21.16	21.35	23	1				
5	16QAM	1	24	21.29	21.28	21.22						
5	16QAM	12	0	20.26	20.39	20.39						
5	16QAM	12	7	20.13	20.11	20.03						
5	16QAM	12	13	20.13	20.10	20.25	22	2				
5	16QAM	25	0	20.20	20.27	20.16						
5	64QAM	1	0	20.38	20.34	20.33						
5	64QAM	1	12	20.07	20.09	20.28						
5	64QAM	1	24	20.13	20.14	20.23	22	2				
5	64QAM	12	0	19.33	19.33	19.22						
5	64QAM	12	7	19.27	19.20	19.26						
5	64QAM	12	13	19.23	19.30	19.31						
5	64QAM	25	0	19.34	19.32	19.17	21	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.06	22.26	22.02	24	0				
3	QPSK	1	8	22.04	22.08	22.25						
3	QPSK	1	14	22.20	22.15	22.18						
3	QPSK	8	0	21.36	21.23	21.26						
3	QPSK	8	4	21.03	21.06	21.21	23	1				
3	QPSK	8	7	21.20	21.36	21.21						
3	QPSK	15	0	21.09	21.26	21.24						
3	16QAM	1	0	21.26	21.34	21.32						
3	16QAM	1	8	21.10	21.13	21.14	23	1				
3	16QAM	1	14	21.17	21.23	21.34						
3	16QAM	8	0	20.33	20.34	20.17						
3	16QAM	8	4	20.08	20.10	20.10						
3	16QAM	8	7	20.22	20.24	20.21	22	2				
3	16QAM	15	0	20.15	20.25	20.18						
3	64QAM	1	0	20.26	20.30	20.22						
3	64QAM	1	8	20.16	20.05	20.27						
3	64QAM	1	14	20.07	20.08	20.09	22	2				
3	64QAM	8	0	19.31	19.25	19.14						
3	64QAM	8	4	19.20	19.21	19.29						
3	64QAM	8	7	19.20	19.33	19.36						
3	64QAM	15	0	19.22	19.17	19.13	21	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.19	22.20	22.08	24	0				
1.4	QPSK	1	3	22.18	22.20	22.20						
1.4	QPSK	1	5	22.19	22.16	22.20						
1.4	QPSK	3	0	22.21	22.17	22.17						
1.4	QPSK	3	1	22.03	22.08	22.22	23	1				
1.4	QPSK	3	3	22.20	22.17	22.13						
1.4	QPSK	6	0	21.30	21.16	21.34						
1.4	16QAM	1	0	21.07	21.19	21.19						
1.4	16QAM	1	5	21.19	21.35	21.17	23	1				
1.4	16QAM	1	5	21.03	21.31	21.32						
1.4	16QAM	3	0	21.30	21.38	21.22						
1.4	16QAM	3	1	21.12	21.14	21.10						
1.4	16QAM	3	3	21.22	21.15	21.31	22	2				
1.4	16QAM	6	0	20.27	20.30	20.11						
1.4	16QAM	1	0	20.01	20.18	20.01						
1.4	64QAM	1	3	20.20	20.25	20.12						
1.4	64QAM	1	5	20.10	20.20	20.26	22	2				
1.4	64QAM	3	0	20.20	20.20	20.13						
1.4	64QAM	3	1	20.19	20.23	20.18						
1.4	64QAM	3	3	20.08	20.16	20.06						
1.4	64QAM	6	0	19.30	19.24	19.12	21	3				

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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.35	22.39	22.32	23	1	
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			
10	QPSK	25	12	21.39	21.39	21.42			
10	QPSK	25	25	21.43	21.35	21.44	23	1	
10	QPSK	50	0	21.35	21.43	21.41			
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			
10	16QAM	25	0	20.51	20.82	20.61	22	2	
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38			
10	16QAM	50	0	20.39	20.34	20.37			
10	64QAM	1	0	20.61	20.42	20.53	22	2	
10	64QAM	1	25	20.26	20.41	20.47			
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				23035	23095	23155	24	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.18	22.34	22.31	23	1	
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			
5	QPSK	12	7	21.24	21.33	21.32			
5	QPSK	12	13	21.36	21.15	21.30	23	1	
5	QPSK	25	0	21.25	21.31	21.31			
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	20.29			
5	16QAM	12	13	20.43	20.40	20.25			
5	16QAM	25	0	20.31	20.33	20.18			
5	64QAM	1	0	20.59	20.26	20.46	22	2	
5	64QAM	1	12	20.25	20.34	20.28			
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	24	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.34	22.25	22.14	23	1	
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			
3	QPSK	8	4	21.37	21.21	21.23			
3	QPSK	8	7	21.37	21.31	21.35	23	1	
3	QPSK	15	0	21.16	21.42	21.24			
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			
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			
3	64QAM	1	0	20.46	20.26	20.51	22	2	
3	64QAM	1	8	20.08	20.24	20.38			
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				23017	23095	23173	24	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.18	22.29	22.23	23	1	
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			
1.4	QPSK	3	1	22.21	22.11	22.06			
1.4	QPSK	3	3	22.20	22.09	22.18	23	1	
1.4	QPSK	6	0	21.43	21.42	21.31			
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			
1.4	16QAM	3	0	21.40	21.12	21.27	22	2	
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36			
1.4	16QAM	6	0	20.45	20.57	20.56			
1.4	64QAM	1	0	20.24	20.37	20.21	22	2	
1.4	64QAM	1	3	20.54	20.43	20.38			
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	1	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				23230			24	0	
Frequency (MHz)				762					
10	QPSK	1	0		22.27		23	1	
10	QPSK	1	25		22.20				
10	QPSK	1	49		22.17				
10	QPSK	25	0		21.38				
10	QPSK	25	12		21.30				
10	QPSK	25	25		21.28		23	1	
10	QPSK	50	0		21.34				
10	16QAM	1	0		21.36				
10	16QAM	1	25		21.23				
10	16QAM	1	49		21.23				
10	16QAM	25	0		20.27		22	2	
10	16QAM	25	12		20.36				
10	16QAM	25	25		20.27				
10	16QAM	50	0		20.29				
10	64QAM	1	0		20.29		22	2	
10	64QAM	1	25		20.26				
10	64QAM	1	49		20.16				
10	64QAM	25	0		19.48				
10	64QAM	25	12		19.23		21	3	
10	64QAM	25	25		19.25				
10	64QAM	50	0		19.30				
Channel				23205	23230	23255	24	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0		22.17	22.07	23	1	
5	QPSK	1	12		22.14	22.14			
5	QPSK	1	24		22.15	22.17			
5	QPSK	12	0		21.32	21.29			
5	QPSK	12	7		21.37	21.14			
5	QPSK	12	13		21.08	21.18	23	1	
5	QPSK	25	0		21.20	21.16			
5	16QAM	1	0		21.22	21.16			
5	16QAM	1	12		21.10	21.16			
5	16QAM	1	24		21.14	21.15	23	1	
5	16QAM	12	0		20.13	20.24			
5	16QAM	12	7		20.27	20.29			
5	16QAM	12	13		20.03	20.24			
5	16QAM	25	0		20.12	20.28	22	2	
5	64QAM	1	0		20.24	20.10			
5	64QAM	1	12		20.15	20.14			
5	64QAM	1	24		20.06	20.07			
5	84QAM	12	0		19.33	19.47	21	3	
5	84QAM	12	7		19.27	19.03			
5	84QAM	12	13		19.29	19.22			
5	64QAM	25	0		19.18	19.26			

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				23780	23790	23800			
Frequency (MHz)				710	710	711			
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		23	1
10	16QAM	1	25	21.27	21.36	21.54			
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			
10	16QAM	25	25	20.38	20.45	20.38		22	2
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				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
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	21.31	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	21.45		23	1
5	16QAM	1	12	21.24	21.18	21.36			
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	19.36	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				26140	26340	26590			
Frequency (MHz)				18570	18630	18720			
20	QPSK	1	0	22.14	22.34	22.22			
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		23	1
20	16QAM	1	49	21.41	21.41	21.35			
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			
20	16QAM	50	50	20.28	20.26	20.25		22	2
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	20.26	20.23	20.29			
20	64QAM	50	0	19.34	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				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
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	20.20	20.17	20.10		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	19.31			
15	64QAM	75	0	19.31	19.28	19.17			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
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	21.25			
10	QPSK	50	0	21.06	21.19	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	16QAM	50	1	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				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	22.12	22.31	22.06			
5	QPSK	1	12	22.23	22.13	22.07		24	0
5	QPSK	1	24	22.06	22.20	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	QPSK	25	0	21.04	21.24	21.20			
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				26047	26340	26533	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	22.10	22.14	22.03			
1.4	QPSK	1	3	22.03	22.11	22.09		24	0
1.4	QPSK	1	5	22.18	22.11	22.21			
1.4	QPSK	3	0	22.03	22.22	22.07			
1.4	QPSK	3	1	22.15	22.27	22.11			
1.4	QPSK	3	3	22.07	22.27	22.09		23	1
1.4	QPSK	6	0	21.15	21.31	21.19			
1.4	16QAM	1	0	21.07	21.24	21.32			
1.4	16QAM	1	3	21.12	21.14	21.14		23	1
1.4	16QAM	1	5	21.08	21.10	21.22			
1.4	16QAM	3	0	21.27	21.35	21.40			
1.4	16QAM	3	1	21.17	21.23	21.16			
1.4	16QAM	3	3	21.36	21.17	21.40		22	2
1.4	16QAM	6	0	20.38	20.36	20.29			</

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				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	22.20	22.25	22.18	24	0			
20	QPSK	1	49	22.12	22.12	22.13					
20	QPSK	1	99	22.17	22.14	22.14					
20	QPSK	50	0	21.30	21.39	21.11	23	1			
20	QPSK	50	24	21.29	21.32	21.11					
20	QPSK	50	50	21.34	21.23	21.18					
20	QPSK	100	0	21.31	21.35	21.32	23	1			
20	16QAM	1	0	21.42	21.39	21.23					
20	16QAM	1	49	21.31	21.35	21.28					
20	16QAM	1	99	21.29	21.20	21.12	22	2			
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	22	2			
20	64QAM	1	99	20.19	20.29	20.28					
20	64QAM	50	0	19.39	19.41	19.22					
20	64QAM	50	24	19.23	19.32	19.17	21	3			
20	64QAM	50	50	19.34	19.29	19.28					
20	64QAM	100	0	19.41	19.31	19.38					
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1745	1772.5					
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	23	1			
15	QPSK	36	20	21.10	21.13	21.13					
15	QPSK	36	39	21.20	21.11	21.21					
15	QPSK	75	0	21.20	21.29	21.28	23	1			
15	16QAM	1	0	21.25	21.29	21.19					
15	16QAM	1	37	21.14	21.30	21.13					
15	16QAM	1	74	21.12	21.16	21.26	22	2			
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	22	2			
15	64QAM	1	37	20.20	20.14	20.26					
15	64QAM	1	74	20.10	20.21	20.12					
15	64QAM	36	0	19.31	19.34	19.30	21	3			
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	Tune-up limit (dBm)				
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775					
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	23	1			
10	QPSK	25	12	21.15	21.27	21.17					
10	QPSK	25	25	21.37	21.12	21.13					
10	QPSK	50	0	21.30	21.26	21.26	23	1			
10	16QAM	1	0	21.33	21.42	21.24					
10	16QAM	1	25	21.31	21.36	21.16					
10	16QAM	1	49	21.27	21.19	21.32	22	2			
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	20.52	20.13					
10	64QAM	1	25	20.10	20.12	20.26	22	2			
10	64QAM	1	49	20.13	20.19	20.15					
10	64QAM	25	0	19.28	19.27	19.19					
10	64QAM	25	12	19.22	19.27	19.23	21	3			
10	64QAM	25	25	19.16	19.23	19.28					
10	64QAM	50	0	19.40	19.15	19.32	Tune-up limit (dBm)				
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5					
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	23	1			
5	QPSK	12	7	21.28	21.28	21.14					
5	QPSK	12	13	21.26	21.30	21.26					
5	QPSK	25	0	21.28	21.38	21.31	23	1			
5	16QAM	1	0	21.39	21.39	21.14					
5	16QAM	1	12	21.22	21.40	21.19					
5	16QAM	1	24	21.17	21.13	21.25	22	2			
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	22	2			
5	64QAM	1	24	20.14	20.29	20.31					
5	64QAM	12	0	19.32	19.30	19.12					
5	64QAM	12	7	19.17	19.24	19.38	21	3			
5	64QAM	12	13	19.27	19.26	19.24					
5	64QAM	25	0	19.34	19.23	19.21	Tune-up limit (dBm)				
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5					
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	23	1			
3	QPSK	8	4	21.18	21.24	21.16					
3	QPSK	8	7	21.31	21.13	21.12					
3	QPSK	15	0	21.17	21.22	21.36	23	1			
3	16QAM	1	0	21.25	21.28	21.30					
3	16QAM	1	8	21.26	21.30	21.21					
3	16QAM	1	14	21.16	21.12	21.35	22	2			
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	22	2			
3	64QAM	1	14	20.18	20.24	20.37					
3	64QAM	8	0	19.22	19.41	19.13					
3	64QAM	8	4	19.14	19.14	19.17	21	3			
3	64QAM	8	7	19.21	19.16	19.35					
3	64QAM	15	0	19.34	19.13	19.30	Tune-up limit (dBm)				
Channel				131979	132322	132669					
Frequency (MHz)				1710.7	1745	1779.2					
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	23	1			
1.4	QPSK	3	1	22.15	22.12	22.17					
1.4	QPSK	3	3	22.14	22.12	22.15					
1.4	QPSK	6	0	21.33	21.32	21.11	23	1			
1.4	16QAM	1	0	21.36	21.32	21.19					
1.4	16QAM	1	3	21.34	21.26	21.10					
1.4	16QAM	1	5	21.39	21.41	21.25	23	1			
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	20.36					
1.4	64QAM	1	3	20.19	20.24	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	21	3			
1.4	64QAM	6	0	19.46	19.36	19.30					

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	21.69	21.72	21.64			
20	QPSK	50	24	21.60	21.64	21.63	23	1	
20	QPSK	50	50	21.63	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			
20	16QAM	50	50	20.79	20.73	20.66	22	2	
20	16QAM	100	0	20.76	20.71	20.75			
20	64QAM	1	0	20.92	20.81	20.80			
20	64QAM	1	49	20.48	20.66	20.66			
20	64QAM	1	99	20.69	20.58	20.60	22	2	
20	64QAM	50	0	19.75	19.86	19.67			
20	64QAM	50	24	19.63	19.77	19.73			
20	64QAM	50	50	19.67	19.86	19.74			
20	64QAM	100	0	19.78	19.76	19.71	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.59	22.58	22.44			
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	21.52	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			
15	16QAM	36	39	20.65	20.61	20.55	22	2	
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			
15	64QAM	1	74	20.55	20.49	20.51	22	2	
15	64QAM	36	0	19.73	19.78	19.56			
15	64QAM	36	20	19.44	19.71	19.65			
15	64QAM	36	39	19.59	19.68	19.55			
15	64QAM	75	0	19.60	19.64	19.53	21	3	
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			
10	QPSK	25	12	21.61	21.63	21.44	23	1	
10	QPSK	25	25	21.47	21.67	21.63			
10	QPSK	50	0	21.57	21.67	21.64			
10	QPSK	50	0	21.57	21.50	21.75			
10	16QAM	1	0	21.57	21.50	21.75	23	1	
10	16QAM	1	25	21.60	21.64	21.73			
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			
10	64QAM	25	12	19.55	19.68	19.64			
10	64QAM	25	25	19.59	19.69	19.55	21	3	
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			
5	16QAM	1	12	21.56	21.69	21.77	23	1	
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			
5	16QAM	12	13	20.65	20.65	20.56	22	2	
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			
5	64QAM	1	24	20.63	20.49	20.42	22	2	
5	64QAM	12	0	19.67	19.75	19.54			
5	64QAM	12	7	19.59	19.74	19.59			
5	64QAM	12	13	19.61	19.69	19.67			
5	64QAM	25	0	19.59	19.72	19.55	21	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			



Band 38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				37950	38050	38150			
20	QPSK	1	0	22.58	22.60	22.61			
20	QPSK	1	48	22.75	22.83	22.77	24	0	
20	QPSK	1	88	22.54	22.67	22.61			
20	QPSK	50	0	21.60	21.72	21.66			
20	QPSK	50	24	21.60	21.76	21.68	23	1	
20	QPSK	50	50	21.57	21.67	21.62			
20	QPSK	100	0	21.52	21.61	21.52			
20	QPSK	1	0	21.68	21.74	21.66			
20	HQAM	1	48	21.57	21.67	21.62	23	1	
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	20.67	22	2	
20	HQAM	50	50	20.60	20.69	20.66			
20	HQAM	100	0	20.45	20.78	20.55			
20	HQAM	1	0	20.40	20.45	20.43			
20	HQAM	1	48	20.31	20.39	20.36	22	2	
20	HQAM	1	96	20.35	20.41	20.38			
20	HQAM	50	0	19.87	19.81	19.76			
20	HQAM	50	24	19.74	19.78	19.71			
20	HQAM	50	50	19.58	19.70	19.60	21	3	
20	HQAM	100	0	19.68	19.76	19.71			
Channel									
Frequency (MHz)				37925	38050	38175	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.63	22.80	22.62			
15	QPSK	1	37	22.63	22.74	22.68	24	0	
15	QPSK	1	74	22.60	22.63	22.61			
15	QPSK	36	0	21.48	21.63	21.47			
15	QPSK	36	36	21.48	21.60	21.47	23	1	
15	QPSK	36	72	21.43	21.51	21.43			
15	HQAM	1	0	21.44	21.47	21.43			
15	HQAM	1	37	21.37	21.52	21.45	23	1	
15	HQAM	1	74	21.46	21.53	21.38			
15	HQAM	36	0	20.57	20.71	20.62			
15	HQAM	36	20	20.47	20.59	20.53	22	2	
15	HQAM	36	36	20.54	20.62	20.57			
15	HQAM	75	0	20.49	20.63	20.49			
15	HQAM	1	0	20.38	20.41	20.33			
15	HQAM	1	37	20.27	20.32	20.14	22	2	
15	HQAM	1	74	20.18	20.32	20.14			
15	HQAM	36	0	19.54	19.70	19.61			
15	HQAM	36	20	19.52	19.75	19.58	21	3	
15	HQAM	36	36	19.48	19.58	19.53			
15	HQAM	75	0	19.57	19.62	19.50			
Channel									
Frequency (MHz)				37975	38050	38125	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.51	22.76	22.60			
5	QPSK	1	12	22.70	22.77	22.73	24	0	
5	QPSK	1	24	22.55	22.59	22.43			
5	QPSK	12	0	21.52	21.67	21.48			
5	QPSK	12	7	21.46	21.66	21.51	23	1	
5	QPSK	12	13	21.52	21.67	21.43			
5	QPSK	26	0	21.46	21.54	21.41			
5	HQAM	1	0	21.52	21.62	21.51			
5	HQAM	1	12	21.52	21.67	21.54	23	1	
5	HQAM	1	24	21.51	21.58	21.41			
5	HQAM	12	0	20.87	20.70	20.81			
5	HQAM	12	7	20.54	20.69	20.54	22	2	
5	HQAM	12	13	20.48	20.66	20.47			
5	HQAM	26	0	20.47	20.61	20.37			
5	HQAM	1	1	20.35	20.43	20.30			
5	HQAM	1	12	20.28	20.26	20.21	22	2	
5	HQAM	1	24	20.34	20.31	20.17			
5	HQAM	12	0	19.51	19.59	19.45			
5	HQAM	12	7	19.64	19.72	19.62	21	3	
5	HQAM	12	13	19.51	19.65	19.62			
5	HQAM	26	0	19.58	19.63	19.60			

Band 41 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Power Mid Ch / Freq	Power High Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				38970	40185	40620	41005	41480		
20	QPSK	1	0	22.90	22.67	22.93	22.81	22.83		
20	QPSK	1	48	22.90	22.84	22.96	22.85	22.82	24	0
20	QPSK	1	96	22.74	22.86	22.81	22.73	22.68		
20	QPSK	50	0	20.95	20.88	21.05	20.93	21.00		
20	QPSK	50	24	20.94	20.82	20.98	20.85	21.02	22	2
20	QPSK	50	50	20.95	20.87	21.01	20.89	20.96		
20	QPSK	100	0	20.95	20.83	20.95	20.94	20.91		
20	16QAM	1	0	21.98	21.76	22.05	21.88	21.95		
20	16QAM	1	48	21.78	21.74	21.85	21.88	21.79	23	1
20	16QAM	1	96	21.75	21.70	21.85	21.59	21.72		
20	16QAM	50	0	21.07	20.89	21.13	21.10	21.09		
20	16QAM	50	24	21.03	20.83	21.00	20.92	21.00	22	2
20	16QAM	50	50	20.96	20.95	21.08	21.02	21.07		
20	16QAM	100	0	20.99	20.85	20.98	20.95	20.97		
20	64QAM	1	0	21.45	20.38	20.55	20.52	20.52		
20	64QAM	1	48	20.45	20.29	20.46	20.39	20.28	22	2
20	64QAM	1	96	20.45	20.34	20.40	20.41	20.42		
20	64QAM	50	0	20.25	19.83	20.15	19.95	20.02		
20	64QAM	50	24	20.02	19.78	20.10	19.95	20.00	21	3
20	64QAM	50	50	19.99	19.76	20.08	19.88	19.88		
20	64QAM	100	0	19.98	19.80	20.04	19.98	19.96		
Channel										
Frequency (MHz)				38925	40173	40620	41006	41515	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.82	22.68	22.88	22.77	22.73		
15	QPSK	1	37	22.78	22.76	22.91	22.72	22.74	24	0
15	QPSK	1	74	22.66	22.60	22.70	22.59	22.75		
15	QPSK	36	0	20.87	20.82	20.94	20.89	20.90		
15	QPSK	36	36	20.88	20.74	20.94	20.83	20.88	22	2
15	QPSK	36	72	20.80	20.81	20.95	20.77	20.80		
15	QPSK	75	0	20.92	20.78	20.84	20.83	20.78		
15	16QAM	1	0	21.87	21.66	21.95	21.81	21.86		
15	16QAM	1	37	21.68	21.62	21.77	21.62	21.73	23	1
15	16QAM	1	74	21.71	21.59	21.86	21.61	21.66		
15	16QAM	36	0	21.00	20.75	21.08	20.98	20.78		
15	16QAM	36	20	20.88	20.79	20.90	20.87	20.86	22	2
15	16QAM	36	36	20.75	20.81	21.02	20.89	21.00		
15	16QAM	75	0	20.85	20.68	20.88	20.68	20.89		
15	64QAM	1	0	20.41	20.32	20.44	20.41	20.43		
15	64QAM	1	37	20.32	20.26	20.33	20.32	20.33	22	2
15	64QAM	1	74	20.38	20.36	20.32	20.32	20.33		
15	64QAM	36	0	20.01	19.89	20.02	19.93	19.90		
15	64QAM	36	20	19.98	19.83	20.05	19.83	19.85	21	3
15	64QAM	36	36	19.85	19.82	20.02	19.79	19.79		
15	64QAM	75	0	19.90	19.67	19.93	19.74	19.86		
Channel										
Frequency (MHz)				40970	41040	40620	41060	41540	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.79	22.66	22.87	22.76	22.74		
10	QPSK	1	25	22.85	22.76	22.91	22.77	22.77	24.00	0
10	QPSK	25	0	20.86	20.73	21.01	20.79	20.89		
10	QPSK	25	12	20.90	20.75	20.94	20.79	20.88	22	2
10	QPSK	25	25	20.91	20.79	20.87	20.85	20.82		
10	QPSK	50	0	20.90	20.70	20.96	20.93	20.96		
10	16QAM	1	0	21.88	21.62	21.92	21.84	21.83		
10	16QAM	1	25	21.70	21.70	21.70	21.77	21.71	23	1
10	16QAM	1	48	21.67	21.68	21.89	21.84	21.68		
10	16QAM	25	0	20.96	20.79	20.99	20.96	21.00		
10	16QAM	25	12	20.94	20.76	20.90	20.86	20.95	22	2
10	16QAM	25	25	20.74	20.86	20.97	20.93	21.03		
10	16QAM	50	0	20.84	20.67	20.88	20.50	20.87		
10	64QAM	1	0	20.99	20.39	20.46	20.44	20.46		
10	64QAM	1	25	20.33	20.17	20.42	20.34	20.14	22	2
10	64QAM	1	48	20.30	20.29	20.34	20.32	20.38		
10	64QAM	25	0	19.99	19.72	20.10	19.91	20.06		
10	64QAM	25	12	19.91	19.71	19.98	19.89	19.93	21	3
10	64QAM	25	25	19.94	19.62	19.96	19.81	19.77		
10	64QAM	50	0	19.90	19.75	19.97	19.89	19.92		
Channel										
Frequency (MHz)				38970	40148	40620	41003	41168	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.78	22.72	22.96	22.78	22.78		
5	QPSK	1	12	22.76	22.80	22.91	22.76	22.79	24.00	0
5	QPSK	1	24	22.67	22.61	22.72	22.65	22.72		
5	QPSK	12	0	20.94	20.77	20.95	20.83	20.95		
5	QPSK	12	7	20.89	20.75	20.88	20.70	20.81	22	2
5	QPSK	12	13	20.92	20.83	20.91	20.82	20.90		
5	16QAM	1	0	21.91	21.62	22.01	21.78	21.86		
5	16QAM	1	12	21.71	21.64	21.83	21.74	21.71	23	1
5	16QAM	1	24	21.69	21.68	21.88	21.85	21.65		
5	16QAM	12	0	20.96	20.82	21.07	21.02	20.97		
5	16QAM	12	7	20.97	20.87	20.99	20.87	20.94	22	2
5	16QAM	12	13	20.79	20.91	20.99	20.89	21.03		
5	16QAM	25	0	20.89	20.72	20.92	20.90	20.83		
5	64QAM	1	0	20.85	20.38	20.55	20.46	20.48		
5	64QAM	1	12	20.30	20.23	20.32	20.25	20.26		
5	64QAM	1	24	20.34	20.29	20.34	20.32	20.39		
5	64QAM	12	0	19.96	19.73	20.09	19.90	19.99		
5	64QAM	12	7	19.98	19.70	20.04	19.88	19.89		
5	64QAM	12	13	19.91	19.81	20.06	19.83	19.88	21	3
5	64QAM	25	0	19.92	19.66	19.98	19.83	19.84		

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		824.2	836.4	848.8	
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	19.62	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 Default								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	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	20.96	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								
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	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	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	20.98	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	20.63	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	1880	21.25	23	0				
20	QPSK	1	49	21.24	21.18	21.18						
20	QPSK	1	99	21.20	21.22	21.17						
20	QPSK	50	0	20.29	20.31	20.28	22	1				
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	22	1				
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	20.26	21	2				
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	21	2				
20	16QAM	100	0	19.27	19.32	19.24						
20	16QAM	1	0	19.35	19.28	19.34						
20	16QAM	1	49	19.43	19.34	19.38	21	2				
20	16QAM	1	99	19.26	19.31	19.23						
20	16QAM	50	0	18.31	18.30	18.34						
20	16QAM	50	24	18.40	18.38	18.44	20	3				
20	16QAM	50	50	18.49	18.42	18.34						
20	16QAM	100	0	18.30	18.35	18.37						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.12	1880	21.25	23	0				
15	QPSK	1	37	21.22	21.15	21.22						
15	QPSK	1	74	21.16	21.23	21.20						
15	QPSK	36	0	20.22	20.22	20.32	22	1				
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	22	1				
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	21	2				
15	16QAM	36	0	19.41	19.27	19.25						
15	16QAM	36	20	19.23	19.30	19.31						
15	16QAM	36	39	19.42	19.37	19.24	21	2				
15	16QAM	75	0	19.30	19.22	19.30						
15	16QAM	1	0	19.43	19.26	19.37						
15	16QAM	1	37	19.35	19.26	19.37	21	2				
15	16QAM	1	74	19.28	19.30	19.15						
15	16QAM	36	0	18.30	18.34	18.39						
15	16QAM	36	20	18.41	18.35	18.48	20	3				
15	16QAM	36	39	18.55	18.38	18.31						
15	16QAM	75	0	18.27	18.34	18.34						
Channel												
Frequency (MHz)												
10	QPSK	1	0	21.16	1880	21.22	23	0				
10	QPSK	1	25	21.16	21.21	21.10						
10	QPSK	1	49	21.18	21.15	21.13						
10	QPSK	25	0	20.26	20.34	20.37	22	1				
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	22	1				
10	16QAM	1	0	20.36	20.38	20.29						
10	16QAM	1	25	20.41	20.34	20.33						
10	16QAM	1	49	20.51	20.40	20.21	21	2				
10	16QAM	25	0	19.41	19.31	19.26						
10	16QAM	25	12	19.21	19.26	19.29						
10	16QAM	25	25	19.40	19.32	19.31	21	2				
10	16QAM	50	0	19.36	19.28	19.17						
10	16QAM	1	0	19.31	19.24	19.35						
10	16QAM	1	25	19.48	19.41	19.46	21	2				
10	16QAM	1	49	19.23	19.37	19.16						
10	16QAM	25	0	18.38	18.37	18.43						
10	16QAM	25	12	18.36	18.42	18.48	20	3				
10	16QAM	25	25	18.39	18.50	18.43						
10	16QAM	50	0	18.40	18.31	18.33						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.17	1880	19.07	23	0				
5	QPSK	1	12	21.22	21.17	21.10						
5	QPSK	1	24	21.21	21.15	21.15						
5	QPSK	12	0	20.20	20.24	20.34	22	1				
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	22	1				
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	21	2				
5	16QAM	12	0	19.31	19.31	19.26						
5	16QAM	12	7	19.27	19.29	19.37						
5	16QAM	12	13	19.43	19.39	19.39	21	2				
5	16QAM	25	0	19.19	19.37	19.18						
5	16QAM	1	0	19.25	19.36	19.38						
5	16QAM	1	12	19.37	19.42	19.39	21	2				
5	16QAM	1	24	19.32	19.37	19.17						
5	16QAM	12	0	18.25	18.23	18.42						
5	16QAM	12	7	18.50	18.39	18.41	20	3				
5	16QAM	12	13	18.42	18.49	18.28						
5	16QAM	25	0	18.24	18.40	18.41						
Channel												
Frequency (MHz)												
3	QPSK	1	0	21.12	1880	21.17	23	0				
3	QPSK	1	8	21.20	21.23	21.15						
3	QPSK	1	14	21.18	21.17	21.19						
3	QPSK	8	0	20.21	20.30	20.20	22	1				
3	QPSK	8	7	20.26	20.19	20.23						
3	QPSK	8	7	20.34	20.16	20.09						
3	QPSK	15	0	20.16	20.21	20.17	22	1				
3	16QAM	1	0	20.36	20.47	20.30						
3	16QAM	1	8	20.27	20.32	20.26						
3	16QAM	1	14	20.32	20.35	20.22	21	2				
3	16QAM	8	0	19.47	19.33	19.31						
3	16QAM	8	4	19.20	19.23	19.33						
3	16QAM	8	7	19.39	19.46	19.23	21	2				
3	16QAM	15	0	19.29	19.25	19.19						
3	16QAM	1	0	19.39	19.30	19.34						
3	16QAM	1	8	19.37	19.35	19.45	21	2				
3	16QAM	1	14	19.16	19.31	19.31						
3	16QAM	8	0	18.37	18.22	18.40						
3	16QAM	8	4	18.43	18.47	18.43	20	3				
3	16QAM	8	7	18.44	18.33	18.36						
3	16QAM	15	0	18.37	18.40	18.27						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	21.17	1880	19.09	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	22	1				
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	22	1				
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	22	1				
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	21	2				
1.4	16QAM	6	0	19.35	19.35	19.26						
1.4	16QAM	1	0	19.19	19.30	19.29						
1.4	16QAM	1	3	19.40	19.31	19.32	21	2				
1.4	16QAM	1	5	19.36	19.26	19.15						
1.4	16QAM	3	0	19.32	19.34	19.34						
1.4	16QAM	3	1	19.49	19.37	19.36	20	3				
1.4	16QAM	3	3	19.23	19.32	19.34						
1.4	16QAM	6	0	18.39	18.40	18.30						

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)				712					
10	QPSK	1	0		21.21		23	0	
10	QPSK	1	25		20.18				
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	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
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	21	2	
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	19.50	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		20.18				
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		18.38				
10	64QAM	25	12		18.47		20	3	
10	64QAM	25	25		18.47				
10	64QAM	50	0		18.35				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
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	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	21.25	21.30	21.28	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	23790	23825	Tune-up limit (dBm)	MPR (dB)	
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	22	1	
5	16QAM	1	12	20.18	20.23	20.26			
5	16QAM	1	24	20.25	20.25	20.25			
5	16QAM	12	0	19.30	19.40	19.25	21	2	
5	16QAM	12	7	19.15	19.14	19.08			
5	16QAM	12	13	19.26	19.04	19.26			
5	16QAM	25	0	19.26	19.15	19.18	21	2	
5	64QAM	1	0	19.34	19.25	19.31			
5	64QAM	1	12	19.02	19.04	19.36			
5	64QAM	1	24	19.15	19.13	19.13	21	2	
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 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	1880	1910			
20	QPSK	1	0	21.21	21.30	21.28			
20	QPSK	1	49	21.15	21.12	21.18		23	0
20	QPSK	1	99	21.29	21.23	21.22			
20	QPSK	50	0	20.36	20.38	20.28			
20	QPSK	50	24	20.07	20.18	20.29		22	1
20	QPSK	50	50	20.32	20.26	20.35			
20	QPSK	100	0	20.20	20.33	20.30			
20	16QAM	1	0	20.33	20.32	20.43			
20	16QAM	1	49	20.31	20.36	20.38		22	1
20	16QAM	1	99	20.25	20.18	20.36			
20	16QAM	50	0	19.37	19.36	19.28			
20	16QAM	50	24	19.21	19.24	19.25			
20	16QAM	50	50	19.24	19.35	19.32		21	2
20	16QAM	100	0	19.23	19.28	19.38			
20	64QAM	1	0	19.35	19.38	19.36			
20	64QAM	1	49	19.19	19.20	19.41		21	2
20	64QAM	1	99	19.26	19.22	19.31			
20	64QAM	50	0	18.35	18.47	18.24			
20	64QAM	50	24	18.30	18.19	18.40			
20	64QAM	50	50	18.22	18.39	18.42		20	3
20	64QAM	100	0	18.32	18.24	18.44			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	21.16	21.15	21.23			
15	QPSK	1	37	21.21	21.16	21.18		23	0
15	QPSK	1	74	21.13	21.25	21.17			
15	QPSK	36	0	20.38	20.32	20.31			
15	QPSK	36	20	20.07	20.11	20.11		22	1
15	QPSK	36	39	20.34	20.23	20.36			
15	QPSK	75	0	20.15	20.32	20.11			
15	16QAM	1	0	20.12	20.20	20.40			
15	16QAM	1	37	20.32	20.28	20.16		22	1
15	16QAM	1	74	20.16	20.14	20.15			
15	16QAM	36	0	19.34	19.23	19.08			
15	16QAM	36	20	19.13	19.12	19.06		21	2
15	16QAM	36	39	19.19	19.22	19.28			
15	16QAM	75	0	19.22	19.26	19.21			
15	64QAM	1	0	19.27	19.30	19.37			
15	64QAM	1	37	19.05	19.04	19.19		21	2
15	64QAM	1	74	19.12	19.22	19.28			
15	64QAM	36	0	18.36	18.42	18.17			
15	64QAM	36	20	18.14	18.14	18.38		20	3
15	64QAM	36	39	18.32	18.29	18.30			
15	64QAM	75	0	18.31	18.18	18.25			
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	21.10	21.26	21.24			
10	QPSK	1	25	21.25	21.20	21.17		23	0
10	QPSK	1	49	21.19	21.24	21.11			
10	QPSK	25	0	20.26	20.26	20.13			
10	QPSK	25	12	20.05	20.09	20.18		22	1
10	QPSK	25	25	20.11	20.27	20.34			
10	QPSK	50	0	20.18	20.23	20.21			
10	16QAM	1	0	20.25	20.23	20.35			
10	16QAM	1	25	20.33	20.34	20.37		22	1
10	16QAM	1	49	20.17	20.06	20.30			
10	16QAM	25	0	19.18	19.26	19.12			
10	16QAM	25	12	19.15	19.06	19.25		21	2
10	16QAM	25	25	19.03	19.33	19.28			
10	16QAM	50	0	19.02	19.17	19.21			
10	64QAM	1	0	19.20	19.25	19.20			
10	64QAM	1	25	19.16	19.10	19.42		21	2
10	64QAM	1	49	19.15	19.17	19.29			
10	64QAM	25	0	18.14	18.43	18.25			
10	64QAM	25	12	18.11	18.20	18.35		20	3
10	64QAM	25	25	18.06	18.28	18.43			
10	64QAM	50	0	18.22	18.08	18.32			
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	21.22	21.22	21.29			
5	QPSK	1	12	21.16	21.11	21.20		23	0
5	QPSK	1	24	21.20	21.29	21.23			
5	QPSK	12	0	20.26	20.30	20.18			
5	QPSK	12	7	20.00	20.06	20.09		22	1
5	QPSK	12	13	20.19	20.18	20.21			
5	QPSK	25	0	20.00	20.26	20.27			
5	16QAM	1	0	20.16	20.20	20.36			
5	16QAM	1	12	20.29	20.35	20.25		22	1
5	16QAM	1	24	20.14	20.03	20.31			
5	16QAM	12	0	19.29	19.15	19.23			
5	16QAM	12	7	19.14	19.08	19.10		21	2
5	16QAM	12	13	19.18	19.23	19.19			
5	16QAM	25	0	19.01	19.28	19.22			
5	64QAM	1	0	19.34	19.35	19.32			
5	64QAM	1	12	19.16	19.00	19.36		21	2
5	64QAM	1	24	19.18	19.06	19.29			
5	64QAM	12	0	18.26	18.29	18.08			
5	64QAM	12	7	18.30	18.03	18.18		20	3
5	64QAM	12	13	18.04	18.21	18.27			
5	64QAM	25	0	18.16	18.15	18.26			
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	21.21	21.16	21.27			
3	QPSK	1	8	21.15	21.16	21.25		23	0
3	QPSK	1	14	21.28	21.24	21.14			
3	QPSK	8	0	20.23	20.18	20.14			
3	QPSK	8	4	20.00	20.06	20.15		22	1
3	QPSK	8	7	20.24	20.09	20.31			
3	QPSK	15	0	20.09	20.11	20.24			
3	16QAM	1	0	20.27	20.34	20.27			
3	16QAM	1	8	20.21	20.40	20.28		22	1
3	16QAM	1	14	20.26	20.19	20.35			
3	16QAM	8	0	19.38	19.21	19.25			
3	16QAM	8	4	19.19	19.04	19.24		21	2
3	16QAM	8	7	19.08	19.17	19.24			
3	16QAM	15	0	19.16	19.29	19.30			
3	64QAM	1	0	19.34	19.22	19.35			
3	64QAM	1	8	19.07	19.03	19.27		21	2
3	64QAM	1	14	19.21	19.01	19.31			
3	64QAM	8	0	18.27	18.46	18.13			
3	64QAM	8	4	18.10	18.05	18.41		20	3
3	64QAM	8	7	18.22	18.25	18.37			
3	64QAM	15	0	18.18	18.25	18.27			
Channel				25947	26340	26633	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	21.15	21.27	21.22			
1.4	QPSK	1	3	21.11	21.19	21.13		23	0
1.4	QPSK	1	5	21.14	21.12	21.18			
1.4	QPSK	3	0	21.22	21.19	21.23			
1.4	QPSK	3	1	21.14	21.21	21.13			
1.4	QPSK	3	3	21.20	21.10	21.15			
1.4	QPSK	6	0	20.15	20.20	20.14		22	1
1.4	16QAM	1	0	20.04	20.19	20.27			
1.4	16QAM	1	3	20.10	20.10	20.16			
1.4	16QAM	1	5	20.03	20.31	20.18		22	1
1.4	16QAM	3	0	20.17	20.16	20.30			
1.4	16QAM	3	1	20.19	20.24	20.28			
1.4	16QAM	3	3	20.08	20.12	20.26			
1.4	16QAM	6	0	19.17	19.29	19.22		21	2
1.4	64QAM	1	0	19.11	19.05	19.25			
1.4	64QAM	1	3	19.08	19.25	19.31			
1.4	64QAM	1	5	19.21	19.19	19.24		21	2
1.4	64QAM	3	0	19.29	19.28	19.16			
1.4	64QAM	3	1	19.14	19.05	19.36			
1.4	64QAM	3	3	19.18	19.15	19.29			
1.4	64QAM	6	0	18.22	18.27	18.24		20	3

Band 26 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				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.58	21.68	21.61			
15	QPSK	1	37	21.56	21.61	21.66	23	0	
15	QPSK	1	74	21.65	21.54	21.64			
15	QPSK	36	0	20.72	20.76	20.74			
15	QPSK	36	20	20.71	20.67	20.62	22	1	
15	QPSK	36	39	20.69	20.75	20.71			
15	QPSK	75	0	20.66	20.73	20.67			
15	16QAM	1	0	20.81	20.87	20.90			
15	16QAM	1	37	20.75	20.74	20.93	22	1	
15	16QAM	1	74	20.74	20.79	20.82			
15	16QAM	36	0	19.76	19.80	19.98			
15	16QAM	36	20	19.70	19.78	19.62	21	2	
15	16QAM	36	39	19.87	19.77	19.80			
15	16QAM	75	0	19.77	19.80	19.79			
15	64QAM	1	0	19.95	19.88	19.78			
15	64QAM	1	37	19.71	19.76	19.81	21	2	
15	64QAM	1	74	19.82	19.74	19.77			
15	64QAM	36	0	18.91	18.87	18.92			
15	64QAM	36	20	18.66	18.72	18.93	20	3	
15	64QAM	36	39	18.69	18.89	18.79			
15	64QAM	75	0	18.97	18.90	18.91			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.48	21.50	21.46			
10	QPSK	1	25	21.36	21.44	21.51	23	0	
10	QPSK	1	49	21.67	21.41	21.63			
10	QPSK	35	0	20.66	20.64	20.75	22	1	
10	QPSK	25	12	20.70	20.62	20.54			
10	QPSK	25	25	20.67	20.66	20.53			
10	QPSK	50	0	20.59	20.57	20.63			
10	16QAM	1	0	20.83	20.85	20.71	22	1	
10	16QAM	1	25	20.73	20.59	20.91			
10	16QAM	1	49	20.56	20.67	20.80			
10	16QAM	25	0	19.77	19.77	19.77	21	2	
10	16QAM	25	12	19.51	19.73	19.58			
10	16QAM	25	25	19.85	19.68	19.84			
10	16QAM	50	0	19.60	19.69	19.73			
10	64QAM	1	0	19.91	19.77	19.79	21	2	
10	64QAM	1	25	19.52	19.55	19.65			
10	64QAM	1	49	19.71	19.55	19.66			
10	64QAM	25	0	18.91	18.72	18.70	20	3	
10	64QAM	25	12	18.66	18.74	18.68			
10	64QAM	25	25	18.47	18.89	18.62			
10	64QAM	50	0	18.78	18.79	18.92			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.50	21.58	21.61	23	0	
5	QPSK	1	12	21.38	21.61	21.49			
5	QPSK	1	24	21.64	21.47	21.50			
5	QPSK	12	0	20.71	20.57	20.70	22	1	
5	QPSK	12	7	20.60	20.55	20.40			
5	QPSK	12	13	20.53	20.69	20.57			
5	QPSK	25	0	20.54	20.55	20.49			
5	16QAM	1	0	20.62	20.78	20.76	22	1	
5	16QAM	1	12	20.59	20.74	20.75			
5	16QAM	1	24	20.69	20.66	20.62			
5	16QAM	12	0	19.58	19.65	19.96			
5	16QAM	12	7	19.67	19.75	19.63	21	2	
5	16QAM	12	13	19.70	19.68	19.70			
5	16QAM	25	0	19.79	19.59	19.91			
5	64QAM	1	0	19.86	19.68	19.75			
5	64QAM	1	12	19.69	19.74	19.59	21	2	
5	64QAM	1	24	19.77	19.64	19.70			
5	64QAM	12	0	18.73	18.82	18.69			
5	64QAM	12	7	18.62	18.55	18.90	20	3	
5	64QAM	12	13	18.55	18.84	18.66			
5	64QAM	25	0	18.79	18.74	18.98			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	21.40	21.46	21.42	23	0	
3	QPSK	1	8	21.53	21.58	21.61			
3	QPSK	1	14	21.63	21.55	21.49			
3	QPSK	8	0	20.54	20.61	20.75	22	1	
3	QPSK	8	4	20.70	20.48	20.45			
3	QPSK	8	7	20.67	20.70	20.52			
3	QPSK	15	0	20.67	20.70	20.51			
3	16QAM	1	0	20.68	20.70	20.80	22	1	
3	16QAM	1	8	20.56	20.67	20.92			
3	16QAM	1	14	20.56	20.69	20.80			
3	16QAM	8	0	19.57	19.79	19.77			
3	16QAM	8	4	19.60	19.77	19.47	21	2	
3	16QAM	8	7	19.81	19.68	19.75			
3	16QAM	15	0	19.64	19.64	19.59			
3	64QAM	1	0	19.75	19.76	19.75	21	2	
3	64QAM	1	8	19.50	19.58	19.82			
3	64QAM	1	14	19.66	19.59	19.78			
3	64QAM	8	0	18.75	18.77	18.77			
3	64QAM	8	4	18.68	18.61	18.85	20	3	
3	64QAM	8	7	18.50	18.75	18.50			
3	64QAM	15	0	18.82	18.79	18.79			
Channel				26597	26855	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.53	21.56	21.47	23	0	
1.4	QPSK	1	3	21.36	21.46	21.58			
1.4	QPSK	1	5	21.43	21.46	21.58			
1.4	QPSK	3	0	21.55	21.63	21.51			
1.4	QPSK	3	1	21.54	21.57	21.56			
1.4	QPSK	3	3	21.48	21.41	21.66	22	1	
1.4	QPSK	6	0	20.61	20.63	20.56			
1.4	16QAM	1	0	20.65	20.65	20.49			
1.4	16QAM	1	3	20.64	20.60	20.51	22	1	
1.4	16QAM	1	5	20.47	20.71	20.58			
1.4	16QAM	3	0	20.64	20.67	20.78			
1.4	16QAM	3	1	20.65	20.67	20.72			
1.4	16QAM	3	3	20.68	20.62	20.80			
1.4	16QAM	6	0	19.72	19.68	19.80	21	2	
1.4	64QAM	1	0	19.60	19.69	19.50			
1.4	64QAM	1	3	19.70	19.68	19.72			
1.4	64QAM	1	5	19.74	19.73	19.62	21	2	
1.4	64QAM	3	0	19.88	19.74	19.60			
1.4	64QAM	3	1	19.49	19.78	19.70			
1.4	64QAM	3	3	19.80	19.53	19.76			
1.4	64QAM	6	0	18.82	18.66	19.59	20	3	

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	683	686		
20	QPSK	1	0	21.38	21.43	21.36	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	20.35	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 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	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	19.11	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	20	3
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 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		
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	18.39	18.33	19.31		
10	64QAM	1	25	19.36	19.42	19.47	20	3
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 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		
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	20	3
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 DSI2

GSM850 Ant0 Default									
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	128	189	251	128	189	251		
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot		32.13	32.17	32.07	33.50	23.13	23.17	23.07	24.50
GPRS 1 Tx slot		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	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	512	661	810	512	661	810		
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8		
GSM 1 Tx slot		29.20	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	20.36	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

WCDMA II Ant0 Default									
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	
	Rx Channel	9262	9400	9538	1312	1413	1513		
Frequency (MHz)		9662	9800	9938	1537	1638	1738		
3GPP Rel 99	AMR 12.2Kbps	22.89	23.05	23.00	24.00	22.75	22.82	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.90	23.07	23.01	24.00	22.77	22.84	22.63	24.00
3GPP Rel 6	HSDPA Subtest-1	22.05	22.00	21.80	23.00	21.82	21.89	21.60	23.00
3GPP Rel 6	HSDPA Subtest-2	21.72	21.92	21.63	23.00	21.51	21.67	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	21.14	21.25	21.17	22.50	21.09	21.15	21.03	22.50
3GPP Rel 6	HSDPA Subtest-4	21.23	21.22	21.32	22.50	20.95	21.09	21.11	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.96	21.80	23.00	21.62	21.74	21.53	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.68	21.84	21.67	23.00	21.35	21.43	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.09	21.34	20.93	22.50	20.82	20.95	20.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.03	21.17	21.10	22.50	20.88	21.05	20.96	22.50
3GPP Rel 6	HSUPA Subtest-1	22.02	22.08	21.73	23.00	21.73	21.73	21.60	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.04	20.05	21.00	19.84	19.86	19.97	21.00
3GPP Rel 6	HSUPA Subtest-3	21.02	20.99	20.89	22.00	20.84	20.85	20.66	22.00
3GPP Rel 6	HSUPA Subtest-4	19.88	19.77	19.61	21.00	19.86	19.84	19.59	21.00
3GPP Rel 6	HSUPA Subtest-5	21.70	21.79	21.73	23.00	21.49	21.54	21.68	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

WCDMA V Ant0 Default				
WCDMA V	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
Frequency (MHz)		4367	4407	4458
3GPP Rel 99	22.81	22.86	22.84	24.00
3GPP Rel 99	22.81	22.86	22.84	24.00
3GPP Rel 6	21.93	21.90	21.77	23.00
3GPP Rel 6	21.61	21.62	21.52	23.00
3GPP Rel 6	20.94	20.97	21.08	22.50
3GPP Rel 6	21.06	21.04	21.04	22.50
3GPP Rel 8	21.63	21.71	21.64	23.00
3GPP Rel 8	21.36	21.43	21.51	23.00
3GPP Rel 8	20.84	20.99	20.79	22.50
3GPP Rel 8	20.83	21.02	20.98	22.50
3GPP Rel 6	21.78	21.87	21.61	23.00
3GPP Rel 6	19.70	19.93	19.80	21.00
3GPP Rel 6	20.81	20.80	20.61	22.00
3GPP Rel 6	19.58	19.66	19.50	21.00
3GPP Rel 6	21.48	21.53	21.55	23.00
3GPP Rel 7	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	22.19	22.28	22.14	24	0				
20	QPSK	1	49	22.11	22.19	22.23						
20	QPSK	1	99	22.27	22.23	22.23						
20	QPSK	50	0	21.36	21.38	21.25						
20	QPSK	50	24	21.16	21.25	21.19	23	1				
20	QPSK	50	50	21.36	21.31	21.30						
20	QPSK	100	0	21.25	21.35	21.28						
20	16QAM	1	0	21.34	21.33	21.41						
20	16QAM	1	49	21.26	21.34	21.36	23	1				
20	16QAM	1	99	21.32	21.26	21.35						
20	16QAM	50	0	20.36	20.37	20.38						
20	16QAM	50	24	20.20	20.25	20.21						
20	16QAM	50	50	20.30	20.31	20.31	22	2				
20	16QAM	100	0	20.28	20.29	20.29						
20	64QAM	1	0	20.44	20.36	20.31						
20	64QAM	1	49	20.15	20.22	20.32						
20	64QAM	1	99	20.22	20.21	20.23	22	2				
20	64QAM	50	0	19.32	19.39	19.32						
20	64QAM	50	24	19.21	19.28	19.37						
20	64QAM	50	50	19.26	19.36	19.38						
20	64QAM	100	0	19.37	19.33	19.34	21	3				
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.09	22.22	22.01	24	0				
15	QPSK	1	37	22.07	22.01	22.21						
15	QPSK	1	74	22.13	22.25	22.02						
15	QPSK	36	0	21.34	21.34	21.20						
15	QPSK	36	20	21.14	21.22	21.01	23	1				
15	QPSK	36	39	21.18	21.13	21.18						
15	QPSK	75	0	21.27	21.19	21.14						
15	16QAM	1	0	21.17	21.27	21.23						
15	16QAM	1	37	21.12	21.20	21.37	23	1				
15	16QAM	1	74	21.30	21.08	21.18						
15	16QAM	36	0	20.14	20.22	20.35						
15	16QAM	36	20	20.06	20.15	20.16						
15	16QAM	36	39	20.08	20.11	20.28	22	2				
15	16QAM	75	0	20.25	20.26	20.25						
15	64QAM	1	0	20.45	20.27	20.23						
15	64QAM	1	37	20.05	20.06	20.13						
15	64QAM	1	74	20.09	20.03	20.16	22	2				
15	64QAM	36	0	19.26	19.21	19.21						
15	64QAM	36	20	19.04	19.17	19.27						
15	64QAM	36	39	19.25	19.16	19.25						
15	64QAM	75	0	19.34	19.12	19.20	21	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.12	22.21	22.07	24	0				
10	QPSK	1	25	22.09	22.13	22.19						
10	QPSK	1	49	22.15	22.21	22.10						
10	QPSK	25	0	21.21	21.36	21.06						
10	QPSK	25	12	21.07	21.04	21.01	23	1				
10	QPSK	25	25	21.21	21.33	21.24						
10	QPSK	50	0	21.19	21.25	21.21						
10	16QAM	1	0	21.32	21.12	21.34						
10	16QAM	1	25	21.21	21.29	21.19	23	1				
10	16QAM	1	49	21.13	21.27	21.23						
10	16QAM	25	0	20.22	20.37	20.30						
10	16QAM	25	12	20.09	20.03	20.21						
10	16QAM	25	25	20.22	20.33	20.18	22	2				
10	16QAM	50	0	20.26	20.28	20.09						
10	64QAM	1	0	20.36	20.15	20.13						
10	64QAM	1	25	20.15	20.15	20.25						
10	64QAM	1	49	20.19	20.11	20.10	22	2				
10	64QAM	25	0	19.14	19.22	19.31						
10	64QAM	25	12	19.06	19.08	19.29						
10	64QAM	25	25	19.09	19.30	19.29						
10	64QAM	50	0	19.34	19.17	19.31	21	3				
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.10	22.23	22.14	24	0				
5	QPSK	1	12	22.09	22.12	22.17						
5	QPSK	1	24	22.24	22.23	22.24						
5	QPSK	12	0	21.17	21.35	21.09						
5	QPSK	12	7	21.03	21.22	21.17	23	1				
5	QPSK	12	13	21.18	21.32	21.22						
5	QPSK	25	0	21.11	21.22	21.20						
5	16QAM	1	0	21.31	21.19	21.21						
5	16QAM	1	12	21.09	21.16	21.35	23	1				
5	16QAM	1	24	21.29	21.28	21.22						
5	16QAM	12	0	20.26	20.39	20.39						
5	16QAM	12	7	20.13	20.11	20.03						
5	16QAM	12	13	20.13	20.10	20.25	22	2				
5	16QAM	25	0	20.20	20.27	20.16						
5	64QAM	1	0	20.38	20.34	20.33						
5	64QAM	1	12	20.07	20.09	20.28						
5	64QAM	1	24	20.13	20.14	20.23	22	2				
5	64QAM	12	0	19.33	19.33	19.22						
5	64QAM	12	7	19.27	19.20	19.26						
5	64QAM	12	13	19.23	19.30	19.31						
5	64QAM	25	0	19.34	19.32	19.17	21	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.06	22.26	22.02	24	0				
3	QPSK	1	8	22.04	22.08	22.25						
3	QPSK	1	14	22.20	22.15	22.18						
3	QPSK	8	0	21.36	21.23	21.26						
3	QPSK	8	4	21.03	21.06	21.21	23	1				
3	QPSK	8	7	21.20	21.36	21.21						
3	QPSK	15	0	21.09	21.26	21.24						
3	16QAM	1	0	21.26	21.34	21.32						
3	16QAM	1	8	21.10	21.13	21.14	23	1				
3	16QAM	1	14	21.17	21.23	21.34						
3	16QAM	8	0	20.33	20.34	20.17						
3	16QAM	8	4	20.08	20.10	20.10						
3	16QAM	8	7	20.22	20.24	20.21	22	2				
3	16QAM	15	0	20.15	20.25	20.18						
3	64QAM	1	0	20.26	20.30	20.22						
3	64QAM	1	8	20.16	20.05	20.27						
3	64QAM	1	14	20.07	20.08	20.09	22	2				
3	64QAM	8	0	19.31	19.25	19.14						
3	64QAM	8	4	19.20	19.21	19.29						
3	64QAM	8	7	19.20	19.33	19.36						
3	64QAM	15	0	19.22	19.17	19.13	21	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.19	22.20	22.08	24	0				
1.4	QPSK	1	3	22.18	22.20	22.20						
1.4	QPSK	1	5	22.19	22.16	22.20						
1.4	QPSK	3	0	22.21	22.17	22.17						
1.4	QPSK	3	1	22.03	22.08	22.22	23	1				
1.4	QPSK	3	3	22.20	22.17	22.13						
1.4	QPSK	6	0	21.30	21.16	21.34						
1.4	16QAM	1	0	21.07	21.19	21.19						
1.4	16QAM	1	5	21.19	21.35	21.17	23	1				
1.4	16QAM	1	5	21.03	21.31	21.32						
1.4	16QAM	3	0	21.30	21.38	21.22						
1.4	16QAM	3	1	21.12	21.14	21.10						
1.4	16QAM	3	3	21.22	21.15	21.31	22	2				
1.4	16QAM	6	0	20.27	20.30	20.11						
1.4	16QAM	1	0	20.01	20.18	20.01						
1.4	64QAM	1	3	20.20	20.25	20.12						
1.4	64QAM	1	5	20.10	20.20	20.26	22	2				
1.4	64QAM	3	0	20.20	20.20	20.13						
1.4	64QAM	3	1	20.19	20.23	20.18						
1.4	64QAM	3	3	20.08	20.16	20.06						
1.4	64QAM	6	0	19.30	19.24	19.12	21	3				

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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.35	22.39	22.32			
10	QPSK	1	25	22.21	22.29	22.13	23	1	
10	QPSK	1	49	22.23	22.27	22.30			
10	QPSK	25	0	21.43	21.47	21.40			
10	QPSK	25	12	21.39	21.39	21.42	23	1	
10	QPSK	25	25	21.43	21.35	21.44			
10	QPSK	50	0	21.35	21.43	21.41			
10	16QAM	1	0	21.43	21.32	21.39	23	1	
10	16QAM	1	25	21.37	21.35	21.42			
10	16QAM	1	49	21.30	21.33	21.45			
10	16QAM	25	0	20.51	20.82	20.61	22	2	
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38			
10	16QAM	50	0	20.39	20.34	20.37	22	2	
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				23035	23095	23155	24	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.18	22.34	22.31			
5	QPSK	1	12	22.17	22.23	22.07	23	1	
5	QPSK	1	24	22.07	22.15	22.23			
5	QPSK	12	0	21.41	21.38	21.23			
5	QPSK	12	7	21.24	21.33	21.32	23	1	
5	QPSK	12	13	21.36	21.15	21.30			
5	QPSK	25	0	21.25	21.31	21.31			
5	16QAM	1	0	21.24	21.30	21.20	23	1	
5	16QAM	1	12	21.29	21.32	21.41			
5	16QAM	1	24	21.15	21.18	21.30			
5	16QAM	12	0	20.40	20.44	20.51	22	2	
5	16QAM	12	7	20.38	20.41	20.29			
5	16QAM	12	13	20.43	20.40	20.25			
5	16QAM	25	0	20.31	20.33	20.18	22	2	
5	64QAM	1	0	20.59	20.26	20.46			
5	64QAM	1	12	20.25	20.34	20.28			
5	64QAM	1	24	20.20	20.24	20.25	21	3	
5	64QAM	12	0	19.41	19.40	19.35			
5	64QAM	12	7	19.36	19.33	19.37			
5	64QAM	12	13	19.36	19.38	19.29	21	3	
5	64QAM	25	0	19.46	19.33	19.38			
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5	24	0	
3	QPSK	1	0	22.34	22.25	22.14			
3	QPSK	1	8	22.16	22.11	22.00	23	1	
3	QPSK	1	14	22.19	22.27	22.24			
3	QPSK	8	0	21.42	21.34	21.34			
3	QPSK	8	4	21.37	21.21	21.23	23	1	
3	QPSK	8	7	21.37	21.31	21.35			
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	20.38			
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			
Frequency (MHz)				699.7	707.5	715.3	24	0	
1.4	QPSK	1	0	22.18	22.29	22.23			
1.4	QPSK	1	3	22.11	22.09	22.01	23	1	
1.4	QPSK	1	5	22.11	22.26	22.26			
1.4	QPSK	3	0	22.31	22.32	22.13			
1.4	QPSK	3	1	22.21	22.11	22.06	23	1	
1.4	QPSK	3	3	22.20	22.09	22.18			
1.4	QPSK	6	0	21.43	21.42	21.31			
1.4	16QAM	1	0	21.36	21.19	21.23	23	1	
1.4	16QAM	1	3	21.36	21.33	21.31			
1.4	16QAM	1	5	21.26	21.25	21.34			
1.4	16QAM	3	0	21.40	21.12	21.27	22	2	
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36			
1.4	16QAM	6	0	20.45	20.57	20.56	22	2	
1.4	64QAM	1	0	20.24	20.37	20.21			
1.4	64QAM	1	3	20.54	20.43	20.38			
1.4	64QAM	1	5	20.34	20.33	20.29	22	2	
1.4	64QAM	3	0	20.59	20.23	20.47			
1.4	64QAM	3	1	20.10	20.25	20.32			
1.4	64QAM	3	3	20.26	20.20	20.25	21	3	
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				23205	23230	23255	24	0	
Frequency (MHz)				779.5	782	784.5			
10	QPSK	1	0	22.27	22.27		23	1	
10	QPSK	1	25	22.20	22.20				
10	QPSK	1	49	22.17	22.17				
10	QPSK	25	0	21.38	21.38		23	1	
10	QPSK	25	12	21.30	21.30				
10	QPSK	25	25	21.28	21.28				
10	QPSK	50	0	21.34	21.34		23	1	
10	16QAM	1	0	21.36	21.36				
10	16QAM	1	25	21.23	21.23				
10	16QAM	1	49	21.23	21.23		22	2	
10	16QAM	25	0	20.27	20.27				
10	16QAM	25	12	20.36	20.36				
10	16QAM	25	25	20.27	20.27		22	2	
10	16QAM	50	0	20.29	20.29				
10	64QAM	1	0	20.29	20.29				
10	64QAM	1	25	20.26	20.26		21	3	
10	64QAM	1	49	20.16	20.16				
10	64QAM	25	0	19.48	19.48				
10	64QAM	25	12	19.23	19.23		21	3	
10	64QAM	25	25	19.25	19.25				
10	64QAM	50	0	19.30	19.30				
Channel				23205	23230	23255	24	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.17	22.07	22.22	23	1	
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	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	20.20	22	2	
5	64QAM	1	24	20.05	20.07	20.06			
5	84QAM	12	0	19.33	19.47	19.28			
5	84QAM	12	7	19.27	19.03	19.22	21	3	
5	84QAM	12	13	19.29	19.22	19.11			
5	64QAM	25	0	19.18	19.26	19.23			

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				23780	23790	23800			
Frequency (MHz)				710	710	711			
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		23	1
10	16QAM	1	25	21.27	21.36	21.54			
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			
10	16QAM	25	25	20.38	20.45	20.38		22	2
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				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
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	21.31	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	21.45		23	1
5	16QAM	1	12	21.24	21.18	21.36			
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	19.36	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				26140	26340	26590			
Frequency (MHz)				18570	18740	18920			
20	QPSK	1	0	22.14	22.34	22.22			
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		23	1
20	16QAM	1	49	21.41	21.41	21.35			
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			
20	16QAM	50	50	20.28	20.26	20.25		22	2
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	20.26	20.23	20.29			
20	64QAM	50	0	19.34	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				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
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	20.20	20.17	20.10		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	19.31			
15	64QAM	75	0	19.31	19.28	19.17			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
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	21.25			
10	QPSK	50	0	21.06	21.19	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	16QAM	50	1	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				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	22.12	22.31	22.06			
5	QPSK	1	12	22.23	22.13	22.07		24	0
5	QPSK	1	24	22.06	22.20	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	QPSK	25	0	21.04	21.24	21.20			
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				26047	26340	26533	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	22.10	22.14	22.03			
1.4	QPSK	1	3	22.03	22.11	22.09		24	0
1.4	QPSK	1	5	22.18	22.11	22.21			
1.4	QPSK	3	0	22.03	22.22	22.07			
1.4	QPSK	3	1	22.15	22.27	22.11			
1.4	QPSK	3	3	22.07	22.27	22.09		23	1
1.4	QPSK	6	0	21.15	21.31	21.19			
1.4	16QAM	1	0	21.07	21.24	21.32			
1.4	16QAM	1	3	21.12	21.14	21.14		23	1
1.4	16QAM	1	5	21.08	21.10	21.22			
1.4	16QAM	3	0	21.27	21.35	21.40			
1.4	16QAM	3	1	21.17	21.23	21.16			
1.4	16QAM	3	3	21.36	21.17	21.40		22	2
1.4	16QAM	6	0	20.38	20.36	20.29			</

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				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	22.20	22.25	22.18	24	0			
20	QPSK	1	49	22.12	22.12	22.13					
20	QPSK	1	99	22.17	22.14	22.14					
20	QPSK	50	0	21.30	21.39	21.11	23	1			
20	QPSK	50	24	21.29	21.32	21.11					
20	QPSK	50	50	21.34	21.23	21.18					
20	QPSK	100	0	21.31	21.35	21.32	23	1			
20	16QAM	1	0	21.42	21.39	21.23					
20	16QAM	1	49	21.31	21.35	21.28					
20	16QAM	1	99	21.29	21.20	21.12	22	2			
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	22	2			
20	64QAM	1	99	20.19	20.29	20.28					
20	64QAM	50	0	19.39	19.41	19.22					
20	64QAM	50	24	19.23	19.32	19.17	21	3			
20	64QAM	50	50	19.34	19.29	19.28					
20	64QAM	100	0	19.41	19.31	19.38					
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5					
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	23	1			
15	QPSK	36	20	21.10	21.13	21.13					
15	QPSK	36	39	21.20	21.11	21.21					
15	QPSK	75	0	21.20	21.29	21.28	23	1			
15	16QAM	1	0	21.25	21.29	21.19					
15	16QAM	1	37	21.14	21.30	21.13					
15	16QAM	1	74	21.12	21.16	21.26	22	2			
15	16QAM	36	0	20.25	20.29	20.39					
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	22	2			
15	64QAM	1	74	20.10	20.21	20.12					
15	64QAM	36	0	19.31	19.34	19.30					
15	64QAM	36	20	19.21	19.24	19.22	21	3			
15	64QAM	36	39	19.23	19.25	19.28					
15	64QAM	75	0	19.28	19.23	19.29					
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775					
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	23	1			
10	QPSK	25	12	21.15	21.27	21.17					
10	QPSK	25	25	21.37	21.12	21.13					
10	QPSK	50	0	21.30	21.26	21.26	23	1			
10	16QAM	1	0	21.33	21.42	21.24					
10	16QAM	1	25	21.31	21.36	21.16					
10	16QAM	1	49	21.27	21.19	21.32	22	2			
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	20.30	20.13					
10	64QAM	1	0	20.39	20.32	20.13					
10	64QAM	1	25	20.10	20.12	20.26	22	2			
10	64QAM	1	49	20.13	20.19	20.15					
10	64QAM	25	0	19.28	19.27	19.19					
10	64QAM	25	12	19.22	19.27	19.23	21	3			
10	64QAM	25	25	19.16	19.23	19.28					
10	64QAM	50	0	19.40	19.15	19.32					
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5					
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	23	1			
5	QPSK	12	7	21.28	21.28	21.14					
5	QPSK	12	13	21.26	21.30	21.26					
5	QPSK	25	0	21.28	21.38	21.31	23	1			
5	16QAM	1	0	21.39	21.39	21.14					
5	16QAM	1	12	21.22	21.40	21.19					
5	16QAM	1	24	21.17	21.13	21.25	22	2			
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	22	2			
5	64QAM	1	24	20.14	20.29	20.31					
5	64QAM	12	0	19.32	19.30	19.12					
5	64QAM	12	7	19.17	19.24	19.38	21	3			
5	64QAM	12	13	19.27	19.26	19.24					
5	64QAM	25	0	19.34	19.23	19.21					
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5					
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	23	1			
3	QPSK	8	4	21.18	21.24	21.16					
3	QPSK	8	7	21.31	21.13	21.12					
3	QPSK	15	0	21.17	21.22	21.36	23	1			
3	16QAM	1	0	21.25	21.28	21.30					
3	16QAM	1	8	21.26	21.30	21.21					
3	16QAM	1	14	21.16	21.12	21.35	22	2			
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	22	2			
3	64QAM	1	14	20.18	20.24	20.37					
3	64QAM	8	0	19.22	19.41	19.13					
3	64QAM	8	4	19.14	19.14	19.17	21	3			
3	64QAM	8	7	19.21	19.16	19.35					
3	64QAM	15	0	19.34	19.13	19.30					
Channel				131979	132322	132669					
Frequency (MHz)				1710.7	1745	1779.2					
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					
1.4	QPSK	3	3	22.14	22.12	22.15	23	1			
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	23	1			
1.4	16QAM	3	1	21.40	21.37	21.13					
1.4	16QAM	3	3	21.25	21.11	21.23					
1.4	16QAM	6	0	20.25	20.30	20.38	22	2			
1.4	64QAM	1	0	20.19	20.22	20.36					
1.4	64QAM	1	3	20.26	20.34	20.12					
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	21	3			
1.4	64QAM	6	0	19.46	19.36	19.30					

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	21.24	21.45	21.24			
20	QPSK	1	49	21.27	21.24	21.25	23	0	
20	QPSK	1	99	21.26	21.36	21.29			
20	QPSK	50	0	21.39	21.41	21.37			
20	QPSK	50	24	21.27	21.33	21.37	23	0	
20	QPSK	50	50	21.40	21.40	21.36			
20	QPSK	100	0	21.30	21.40	21.38			
20	16QAM	1	0	21.39	21.39	21.34	23	0	
20	16QAM	1	49	21.40	21.40	21.37			
20	16QAM	1	99	21.41	21.23	21.29			
20	16QAM	50	0	20.87	20.88	20.80	22	1	
20	16QAM	50	24	20.58	20.52	20.57			
20	16QAM	50	50	20.80	20.80	20.73			
20	16QAM	100	0	20.79	20.61	20.73	22	1	
20	64QAM	1	0	20.85	20.89	20.83			
20	64QAM	1	49	20.44	20.59	20.72			
20	64QAM	1	99	20.63	20.51	20.61	21	2	
20	64QAM	50	0	19.81	19.91	19.61			
20	64QAM	50	24	19.68	19.70	19.67			
20	64QAM	50	50	19.58	19.91	19.65	20		
20	64QAM	100	0	19.77	19.73	19.65			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.26	21.42	21.29		23	
15	QPSK	1	37	21.22	21.20	21.31	23	0	
15	QPSK	1	74	21.17	21.36	21.35			
15	QPSK	36	0	21.37	21.32	21.37	23	0	
15	QPSK	36	20	21.37	21.26	21.36			
15	QPSK	36	39	21.32	21.42	21.30			
15	QPSK	75	0	21.39	21.40	21.38	23	0	
15	16QAM	1	0	21.33	21.33	21.30			
15	16QAM	1	37	21.37	21.41	21.20			
15	16QAM	1	74	21.44	21.29	21.33	22	1	
15	16QAM	36	0	20.86	20.76	20.55			
15	16QAM	36	20	20.45	20.57	20.54			
15	16QAM	36	39	20.65	20.61	20.55	22	1	
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	21	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	20		
15	64QAM	36	39	19.59	19.68	19.55			
15	64QAM	75	0	19.60	19.64	19.53			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.27	21.38	21.27	23	0	
10	QPSK	1	25	21.18	21.25	21.18			
10	QPSK	1	49	21.24	21.39	21.30			
10	QPSK	25	0	21.32	21.32	21.30	23	0	
10	QPSK	25	12	21.20	21.42	21.40			
10	QPSK	25	25	21.41	21.36	21.27			
10	QPSK	50	0	21.32	21.40	21.35	23	0	
10	16QAM	1	0	21.37	21.30	21.35			
10	16QAM	1	25	21.40	21.44	21.23			
10	16QAM	1	49	21.41	21.35	21.39	22	1	
10	16QAM	25	0	20.68	20.68	20.70			
10	16QAM	25	12	20.46	20.49	20.53			
10	16QAM	25	25	20.78	20.58	20.63	22	1	
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	21	2	
10	64QAM	1	49	20.50	20.47	20.54			
10	64QAM	25	0	19.63	19.78	19.63			
10	64QAM	25	12	19.55	19.68	19.64	20		
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	21.14	21.38	21.31	23	0	
5	QPSK	1	12	21.22	21.33	21.21			
5	QPSK	1	24	21.29	21.39	21.19			
5	QPSK	12	0	21.40	21.33	21.35	23	0	
5	QPSK	12	7	21.34	21.38	21.41			
5	QPSK	12	13	21.35	21.34	21.41			
5	QPSK	25	0	21.38	21.45	21.32	23	0	
5	16QAM	1	0	21.42	21.40	21.38			
5	16QAM	1	12	21.36	21.39	21.35			
5	16QAM	1	24	21.34	21.28	21.36	22	1	
5	16QAM	12	0	20.76	20.68	20.58			
5	16QAM	12	7	20.61	20.70	20.42			
5	16QAM	12	13	20.65	20.65	20.56	22	1	
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	21	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	20		
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)				2310					
10	QPSK	1	0		21.47		23	0	
10	QPSK	1	25		21.26				
10	QPSK	1	49		21.42				
10	QPSK	25	0		21.37		23	0	
10	QPSK	25	12		21.30				
10	QPSK	25	25		21.30				
10	QPSK	50	0		21.41		23	0	
10	16QAM	1	0		21.13				
10	16QAM	1	25		21.17				
10	16QAM	1	49		21.16		22	1	
10	16QAM	25	0		20.32				
10	16QAM	25	12		20.51				
10	16QAM	25	25		20.44		22	1	
10	16QAM	50	0		20.40				
10	64QAM	1	0		20.58				
10	64QAM	1	25		20.51		21	2	
10	64QAM	1	49		20.63				
10	64QAM	25	0		19.66				
10	64QAM	25	12		19.84		21	2	
10	64QAM	25	25		19.65				
10	64QAM	50	0		19.61				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	21.21	21.27	21.24	23	0	
5	QPSK	1	12	21.28	21.16	21.26			
5	QPSK	1	24	21.25	21.24	21.17			
5	QPSK	12	0	21.35	21.26	21.36	23	0	
5	QPSK	12	7	21.14	21.20	21.23			
5	QPSK	12	13	21.34	21.20	21.20			
5	QPSK	25	0	21.27	21.28	21.30	23	0	
5	16QAM	1	0	21.43	21.31	21.28			
5	16QAM	1	12	21.07	21.15	21.07			
5	16QAM	1	24	21.11	21.18	21.19	22	1	
5	16QAM	12	0	20.34	20.34	20.20			
5	16QAM	12	7	20.35	20.35	20.40			
5	16QAM	12	13	20.33	20.18	20.29	22	1	
5	16QAM	25	0	20.37	20.28	20.38			
5	64QAM	1	0	20.48	20.52	20.49			
5	64QAM	1	12	20.38	20.44	20.44	21	2	
5	64QAM	1	24	20.62	20.56	20.52			
5	64QAM	12	0	19.60	19.59	19.67			
5	64QAM	12	7	19.75	19.55	19.62	21	2	
5	64QAM	12	13	19.53	19.51	19.61			
5	64QAM	25	0	19.51	19.57	19.46			



Band 38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				37950	38050	38150			
20	QPSK	1	0	22.58	22.60	22.74	24	0	
20	QPSK	1	48	22.75	22.83	22.77			
20	QPSK	1	96	22.64	22.67	22.57			
20	QPSK	50	0	21.60	21.70	21.55			
20	QPSK	50	24	21.60	21.76	21.59	23	1	
20	QPSK	50	50	21.57	21.68	21.55			
20	QPSK	100	0	21.52	21.61	21.52			
20	HQAM	1	0	21.68	21.74	21.60			
20	HQAM	1	48	21.57	21.67	21.58	23	1	
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	50	20.60	20.69	20.56	22	2	
20	HQAM	100	0	20.46	20.78	20.45			
20	HQAM	1	0	20.40	20.45	20.35			
20	HQAM	1	48	20.31	20.39	20.26			
20	HQAM	1	96	20.31	20.41	20.28	22	2	
20	HQAM	50	0	19.97	19.91	19.76			
20	HQAM	50	24	19.74	19.78	19.71			
20	HQAM	50	50	19.58	19.70	19.60			
20	HQAM	100	0	19.68	19.76	19.71	21	3	
Channel									
Frequency (MHz)				37925	38050	38175	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.63	22.80	22.62	24	0	
15	QPSK	1	37	22.63	22.74	22.64			
15	QPSK	1	74	22.60	22.63	22.48			
15	QPSK	36	0	21.48	21.63	21.47			
15	QPSK	36	36	21.48	21.60	21.47	23	1	
15	QPSK	36	36	21.43	21.51	21.43			
15	QPSK	75	0	21.44	21.47	21.43			
15	HQAM	1	37	21.46	21.53	21.55			
15	HQAM	1	74	21.46	21.53	21.43	23	1	
15	HQAM	36	0	20.57	20.71	20.62			
15	HQAM	36	20	20.47	20.59	20.53			
15	HQAM	36	20	20.34	20.50	20.49			
15	HQAM	75	0	20.49	20.63	20.49	22	2	
15	HQAM	1	0	20.38	20.41	20.33			
15	HQAM	1	74	20.18	20.32	20.14			
15	HQAM	36	0	19.54	19.70	19.61			
15	HQAM	36	20	19.58	19.75	19.59	21	3	
15	HQAM	36	20	19.48	19.56	19.53			
15	HQAM	75	0	19.57	19.62	19.50			
Channel									
Frequency (MHz)				37950	38050	38150	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.55	22.79	22.83	24	0	
10	QPSK	1	25	22.68	22.71	22.69			
10	QPSK	1	48	22.60	22.64	22.47			
10	QPSK	25	0	21.46	21.58	21.46			
10	QPSK	25	12	21.47	21.59	21.55	23	1	
10	QPSK	25	25	21.48	21.53	21.47			
10	QPSK	50	0	21.47	21.47	21.42			
10	HQAM	1	0	21.59	21.67	21.45			
10	HQAM	1	25	21.51	21.58	21.45	23	1	
10	HQAM	1	48	21.48	21.52	21.45			
10	HQAM	25	0	20.60	20.72	20.69			
10	HQAM	25	12	20.43	20.68	20.46			
10	HQAM	25	25	20.54	20.57	20.46	22	2	
10	HQAM	50	0	20.51	20.68	20.61			
10	HQAM	1	0	20.35	20.37	20.27			
10	HQAM	1	25	20.17	20.29	20.13			
10	HQAM	1	48	20.18	20.26	20.19	22	2	
10	HQAM	36	0	19.62	19.70	19.71			
10	HQAM	25	12	19.69	19.69	19.67			
10	HQAM	25	25	19.52	19.65	19.53			
Channel									
Frequency (MHz)				37775	38050	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.73	22.78	22.72	24	0	
5	QPSK	1	12	22.70	22.77	22.73			
5	QPSK	1	24	22.55	22.59	22.43			
5	QPSK	12	0	21.52	21.67	21.48			
5	QPSK	12	7	21.46	21.66	21.51	23	1	
5	QPSK	12	13	21.52	21.67	21.43			
5	QPSK	25	0	21.46	21.54	21.41			
5	HQAM	1	0	21.62	21.62	21.51			
5	HQAM	1	12	21.52	21.67	21.54	23	1	
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	22	2	
5	HQAM	25	0	20.47	20.61	20.37			
5	HQAM	1	1	20.35	20.43	20.30			
5	HQAM	1	12	20.28	20.29	20.21			
5	HQAM	1	24	20.34	20.39	20.31	22	2	
5	HQAM	12	0	19.51	19.59	19.45			
5	HQAM	12	7	19.64	19.72	19.62			
5	HQAM	12	13	19.62	19.73	19.64			
5	HQAM	25	0	19.58	19.63	19.62	21	3	
Channel									
Frequency (MHz)				38075	38148	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.78	22.78	22.78	24.00	0	
5	QPSK	1	12	22.76	22.80	22.73			
5	QPSK	1	24	22.67	22.81	22.72			
5	QPSK	12	0	21.64	21.77	21.60			
5	QPSK	12	7	20.89	20.75	20.88	22	2	
5	QPSK	12	13	20.82	20.83	20.81			
5	QPSK	25	0	20.92	20.99	20.87			
5	HQAM	1	0	21.81	21.82	22.01			
5	HQAM	1	12	21.82	21.83	21.72	23	1	
5	HQAM	1	24	21.80	21.58	21.85			
5	HQAM	12	0	20.86	20.62	21.07			
5	HQAM	12	7	20.88	20.77	20.93			
5	HQAM	12	13	20.79	20.91	20.99	22	2	
5	HQAM	25	0	20.89	20.12	20.92			
5	HQAM	1	0	20.35	20.30	20.51			
5	HQAM	1	12	20.30	20.23	20.32			
5	HQAM	1	24	20.34	20.30	20.39	22	2	
5	HQAM	12	0	19.95	19.72	20.09			
5	HQAM	12	7	19.94	19.70	19.92			
5	HQAM	12	13	19.92	19.73	19.94			
5	HQAM	25	0	19.92	19.66	19.86	21	3	
Channel									
Frequency (MHz)				38075	38148	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.78	22.78	22.78	24.00	0	
5	QPSK	1	12	22.76	22.80	22.73			
5	QPSK	1	24	22.67	22.81	22.72			
5	QPSK	12	0	21.64	21.77	21.60			
5	QPSK	12	7	20.89	20.75	20.88	22	2	
5	QPSK	12	13	20.82	20.83	20.81			
5	QPSK	25	0	20.92	20.99	20.87			
5	HQAM	1	0	21.81	21.82	22.01			
5	HQAM	1	12	21.82	21.83	21.72	23	1	
5	HQAM	1	24	21.80	21.58	21.85			
5	HQAM	12	0	20.86	20.62	21.07			
5	HQAM	12	7	20.88	20.77	20.93			
5	HQAM	12	13	20.79	20.91	20.99	22	2	
5	HQAM	25	0	20.89	20.12	20.92			
5	HQAM	1	0	20.35	20.30	20.51			
5	HQAM	1	12	20.30	20.23	20.32			
5	HQAM	1	24	20.34	20.30	20.39	22	2	
5	HQAM	12	0	19.95	19.72	20.09			
5	HQAM	12	7	19.94	19.70	19.92			
5	HQAM	12	13	19.92	19.73	19.94			
5	HQAM	25	0	19.92	19.66	19.86	21	3	
Channel									
Frequency (MHz)				38075	38148	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.78	22.78	22.78	24.00	0	
5	QPSK	1	12	22.76	22.80	22.73			
5	QPSK	1	24	22.67	22.81	22.72			
5	QPSK	12	0	21.64	21.77	21.60			
5	QPSK	12	7	20.89	20.75	20.88	22	2	
5	QPSK	12	13	20.82	20.83	20.81			
5	QPSK	25	0	20.92	20.99	20.87			
5	HQAM	1	0	21.81	21.82	22.01			
5	HQAM	1	12	21.82	21.83	21.72	23	1	
5	HQAM	1	24	21.80	21.58	21.85			
5	HQAM	12	0	20.86	20.62	21.07			
5	HQAM	12	7	20.88	20.77	20.93			
5	HQAM	12	13	20.79	20.91	20.99	22	2	
5	HQAM	25	0	20.89	20.12	20.92			
5	HQAM	1	0	20.35	20.30	20.51			
5	HQAM	1	12	20.30	20.23	20.32			
5	HQAM	1	24	20.34	20.30	20.39	22	2	
5	HQAM	12	0	19.95	19.72	20.09			
5	HQAM	12	7	19.94	19.70	19.92			
5	HQAM	12	13	19.92	19.73	19.94			
5	HQAM	25	0	19.92	19.66	19.86	21	3	
Channel									
Frequency (MHz)				38075	38148	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.78	22.78	22.78	24.00	0	
5	QPSK	1	12	22.76	22.80	22.73			
5	QPSK	1	24	22.67	22.81	22.72			
5	QPSK	12	0	21.64	21.77	21.60			
5	QPSK	12	7	20.89	20.75	20.88	22	2	
5	QPSK	12	13	20.82	20.83	20.81			
5	QPSK	25	0	20.92	20.99	20.87			
5	HQAM	1	0	21.81	21.82	22.01			
5	HQAM	1	12	21.82	21.83	21.72	23	1	
5	HQAM	1	24	21.80	21.58	21.85			
5	HQAM	12	0	20.86	20.62	21.07			
5	HQAM	12	7	20.88	20.77	20.93			
5	HQAM	12	13	20.79	20.91	20.99	22	2	
5	HQAM	25	0	20.89	20.12	20.92			
5	HQAM	1	0	20.35	20.30	20.51			
5	HQAM	1	12	20.30	20.23	20.32			
5	HQAM	1	24	20.34	20.30	20.39	22	2	
5	HQAM	12	0	19.95	19.72	20.09			
5	HQAM	12	7	19.94	19.70	19.92			
5	HQAM	12	13	19.92	19.73	19.94			
5	HQAM	25	0	19.92	19.66	19.86	21	3	
Channel									
Frequency (MHz)				38075	38148	38225	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.78	22.78	22.78	24.00	0	
5	QPSK	1	12	22.76	22.80	22.73			
5	QPSK	1	24	22.67	22.81	22.72			
5	QPSK	12	0	21.64	21.77	21.60			
5	QPSK	12	7						

GSM850 Ant3 DS12								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	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 DS12								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	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	17.51	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 DS12								
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	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)	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	12.61	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	10.67	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	12.30	12.30	12.32	14	0				
20	QPSK	1	49	12.30	12.35	12.20						
20	QPSK	1	99	12.26	12.35	12.24						
20	QPSK	50	0	12.27	12.32	12.17						
20	QPSK	50	24	12.16	12.28	12.23	14	0				
20	QPSK	50	50	12.14	12.28	12.14						
20	QPSK	100	0	12.27	12.34	12.30						
20	16QAM	1	0	12.24	12.29	12.21						
20	16QAM	1	49	12.14	12.26	12.21	14	0				
20	16QAM	1	99	12.17	12.26	12.22						
20	16QAM	50	0	12.19	12.31	12.23						
20	16QAM	50	24	12.20	12.28	12.14						
20	16QAM	50	50	12.24	12.34	12.24	14	0				
20	16QAM	100	0	12.17	12.25	12.20						
20	16QAM	1	0	12.13	12.28	12.24						
20	16QAM	1	49	12.26	12.33	12.22						
20	16QAM	1	99	12.17	12.29	12.19	14	0				
20	16QAM	50	0	12.14	12.23	12.18						
20	16QAM	50	24	12.25	12.31	12.26						
20	16QAM	50	50	12.23	12.31	12.19						
20	16QAM	100	0	12.16	12.24	12.17						
Channel												
Frequency (MHz)												
15	QPSK	1	0	12.24	12.33	12.27	14	0				
15	QPSK	1	37	12.24	12.31	12.09						
15	QPSK	1	74	12.13	12.26	12.14						
15	QPSK	36	0	12.20	12.17	12.12						
15	QPSK	36	20	12.10	12.15	12.19	14	0				
15	QPSK	36	39	12.01	12.24	12.03						
15	QPSK	75	0	12.21	12.30	12.24						
15	16QAM	1	0	12.11	12.18	12.09						
15	16QAM	1	37	12.04	12.13	12.10	14	0				
15	16QAM	1	74	12.09	12.14	12.12						
15	16QAM	36	0	12.06	12.20	12.18						
15	16QAM	36	20	12.07	12.22	12.10						
15	16QAM	36	39	12.16	12.22	12.21	14	0				
15	16QAM	75	0	12.12	12.12	12.09						
15	16QAM	1	0	12.04	12.15	12.13						
15	16QAM	1	37	12.18	12.23	12.17						
15	16QAM	1	74	12.06	12.16	12.09	14	0				
15	16QAM	36	0	12.01	12.15	12.04						
15	16QAM	36	20	12.18	12.26	12.12						
15	16QAM	36	39	12.09	12.26	12.12						
15	16QAM	75	0	12.11	12.18	12.09						
Channel												
Frequency (MHz)												
10	QPSK	1	0	12.15	12.33	12.20	14	0				
10	QPSK	1	25	12.16	12.28	12.13						
10	QPSK	1	49	12.13	12.25	12.16						
10	QPSK	25	0	12.12	12.22	12.12						
10	QPSK	25	12	12.10	12.16	12.12	14	0				
10	QPSK	25	25	12.05	12.15	12.05						
10	QPSK	50	0	12.22	12.22	12.22						
10	16QAM	1	0	12.11	12.24	12.16						
10	16QAM	1	25	12.01	12.23	12.13	14	0				
10	16QAM	1	49	12.03	12.17	12.09						
10	16QAM	25	0	12.10	12.23	12.14						
10	16QAM	25	12	12.13	12.16	12.18						
10	16QAM	25	25	12.18	12.28	12.13	14	0				
10	16QAM	50	0	12.11	12.11	12.11						
Channel												
Frequency (MHz)												
5	QPSK	1	0	12.23	12.35	12.25	14	0				
5	QPSK	1	12	12.18	12.33	12.06						
5	QPSK	1	24	12.23	12.21	12.15						
5	QPSK	12	0	12.20	12.19	12.12						
5	QPSK	12	7	12.08	12.15	12.17	14	0				
5	QPSK	12	13	12.03	12.15	12.01						
5	QPSK	25	0	12.16	12.29	12.25						
5	16QAM	1	0	12.17	12.16	12.09						
5	16QAM	1	12	12.06	12.16	12.13	14	0				
5	16QAM	1	24	12.05	12.13	12.11						
5	16QAM	12	0	12.08	12.25	12.16						
5	16QAM	12	7	12.12	12.20	12.04						
5	16QAM	12	13	12.18	12.29	12.11	14	0				
5	16QAM	25	0	12.05	12.13	12.06						
5	16QAM	1	0	12.05	12.21	12.15						
5	16QAM	1	12	12.21	12.20	12.08						
5	16QAM	1	24	12.13	12.25	12.12	14	0				
5	16QAM	12	0	12.04	12.19	12.12						
5	16QAM	12	7	12.14	12.18	12.15						
5	16QAM	12	13	12.12	12.22	12.04						
5	16QAM	25	0	12.11	12.19	12.11						
Channel												
Frequency (MHz)												
3	QPSK	1	0	12.16	12.34	12.27	14	0				
3	QPSK	1	8	12.23	12.21	12.11						
3	QPSK	1	14	12.13	12.29	12.18						
3	QPSK	8	0	12.14	12.24	12.06						
3	QPSK	8	4	12.10	12.23	12.12	14	0				
3	QPSK	8	7	12.02	12.25	12.01						
3	QPSK	15	0	12.23	12.25	12.16						
3	16QAM	1	0	12.16	12.14	12.17						
3	16QAM	1	8	12.06	12.12	12.16	14	0				
3	16QAM	1	14	12.09	12.17	12.11						
3	16QAM	8	0	12.06	12.28	12.05						
3	16QAM	8	4	12.02	12.13	12.18						
3	16QAM	8	7	12.19	12.22	12.18	14	0				
3	16QAM	15	0	12.05	12.19	12.11						
3	16QAM	1	0	12.07	12.20	12.17						
3	16QAM	1	8	12.14	12.26	12.07						
3	16QAM	1	14	12.13	12.16	12.04	14	0				
3	16QAM	8	0	12.09	12.11	12.08						
3	16QAM	8	4	12.21	12.24	12.20						
3	16QAM	8	7	12.10	12.18	12.06						
3	16QAM	15	0	12.05	12.13	12.13						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	12.20	12.26	12.25	14	0				
1.4	QPSK	1	3	12.20	12.25	12.11						
1.4	QPSK	1	5	12.18	12.25	12.20						
1.4	QPSK	3	0	12.23	12.25	12.05						
1.4	QPSK	3	1	12.11	12.18	12.09	14	0				
1.4	QPSK	3	3	12.07	12.25	12.11						
1.4	QPSK	6	0	12.17	12.30	12.25						
1.4	16QAM	1	0	12.15	12.12	12.17						
1.4	16QAM	1	5	12.03	12.18	12.16	14	0				
1.4	16QAM	1	3	12.03	12.12	12.09						
1.4	16QAM	3	0	12.07	12.17	12.19						
1.4	16QAM	3	1	12.12	12.15	12.09						
1.4	16QAM	3	3	12.17	12.21	12.13	14	0				
1.4	16QAM	6	0	12.11	12.10	12.14						
1.4	16QAM	1	0	12.01	12.15	12.20						
1.4	16QAM	1	3	12.20	12.23	12.08						
1.4	16QAM	1	5	12.02	12.22	12.12	14	0				
1.4	16QAM	3	0	12.08	12.18	12.09						
1.4	16QAM	3	1	12.18	12.24	12.23						
1.4	16QAM	3	3	12.15	12.17	12.13						
1.4	16QAM	6	0	12.13	12.18	12.10	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				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	19.14	19.23	19.11	20.5	0	
10	QPSK	1	25	19.00	19.13	19.11			
10	QPSK	1	49	19.09	19.20	19.02			
10	QPSK	25	0	19.16	19.18	19.00	20.5	0	
10	QPSK	25	12	19.05	19.14	19.03			
10	QPSK	25	25	19.05	19.09	18.95			
10	QPSK	50	0	19.03	19.11	18.94	20.5	0	
10	16QAM	1	0	19.05	19.07	19.02			
10	16QAM	1	25	19.03	19.05	18.98			
10	16QAM	1	49	19.00	19.05	18.97	20.5	0	
10	16QAM	1	99	18.99	18.95	18.93			
10	16QAM	25	0	19.13	19.15	19.12			
10	16QAM	25	12	19.01	19.15	19.13	20.5	0	
10	16QAM	25	25	19.10	19.10	19.07			
10	16QAM	50	0	19.02	19.11	19.03			
10	64QAM	1	0	18.97	19.11	18.96	20.5	0	
10	64QAM	1	25	19.03	19.15	18.98			
10	64QAM	1	49	19.00	19.05	19.07			
10	64QAM	25	0	19.09	19.06	18.97	20	0.5	
10	64QAM	25	12	18.47	18.62	18.76			
10	64QAM	25	25	18.55	18.71	18.58			
10	64QAM	50	0	18.76	18.73	18.74	Tune-up limit (dBm)	MPR (dB)	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	19.06	19.13	18.98	20.5	0	
5	QPSK	1	12	18.94	19.07	18.98			
5	QPSK	1	24	19.06	19.11	18.98			
5	QPSK	12	0	19.03	19.06	18.91	20.5	0	
5	QPSK	12	7	18.93	18.96	18.91			
5	QPSK	12	13	19.00	18.96	18.87			
5	QPSK	25	0	18.94	19.05	18.93	20.5	0	
5	16QAM	1	0	18.92	18.93	18.84			
5	16QAM	1	12	18.92	18.94	18.93			
5	16QAM	1	24	18.95	18.95	18.85	20.5	0	
5	16QAM	12	0	19.04	19.06	19.07			
5	16QAM	12	7	18.92	19.07	18.92			
5	16QAM	12	13	18.98	18.95	19.04	20.5	0	
5	16QAM	25	0	18.92	19.01	18.97			
5	16QAM	1	0	18.89	18.96	18.90			
5	64QAM	1	12	18.92	19.11	18.93	20.5	0	
5	64QAM	1	24	18.87	18.94	18.94			
5	64QAM	12	0	18.61	18.56	18.47			
5	64QAM	12	7	18.40	18.57	18.62	20	0.5	
5	64QAM	12	13	18.46	18.62	18.67			
5	64QAM	25	0	18.05	18.05	18.60			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	19.01	19.13	19.02	20.5	0	
3	QPSK	1	8	18.89	18.99	19.00			
3	QPSK	1	14	19.06	19.16	19.04			
3	QPSK	8	0	19.06	19.09	18.85	20.5	0	
3	QPSK	8	4	18.93	19.05	18.96			
3	QPSK	8	7	18.94	19.03	18.92			
3	QPSK	15	0	18.95	18.96	18.91	20.5	0	
3	16QAM	1	0	19.00	19.03	18.96			
3	16QAM	1	8	18.96	18.97	18.90			
3	16QAM	1	14	18.88	19.00	18.86	20.5	0	
3	16QAM	8	0	19.06	19.08	19.02			
3	16QAM	8	4	18.87	18.98	19.00			
3	16QAM	8	7	19.04	18.96	18.99	20.5	0	
3	16QAM	15	0	18.95	18.99	18.98			
3	64QAM	1	0	19.01	19.05	18.97			
3	64QAM	1	8	18.94	19.05	18.89	20.5	0	
3	64QAM	1	14	18.87	18.99	18.98			
3	64QAM	8	0	18.58	18.61	18.43			
3	64QAM	8	4	18.41	18.54	18.72	20	0.5	
3	64QAM	8	7	18.51	18.63	18.48			
3	64QAM	15	0	18.68	18.70	18.62			
Channel				20407	20525	20543	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	843.3			
1.4	QPSK	1	0	19.14	19.14	19.08	20.5	0	
1.4	QPSK	1	3	18.93	19.09	19.01			
1.4	QPSK	1	5	19.05	19.06	18.98			
1.4	QPSK	3	0	19.02	19.04	18.93	20.5	0	
1.4	QPSK	3	1	18.96	19.04	18.93			
1.4	QPSK	3	3	18.98	18.97	18.85			
1.4	QPSK	6	0	18.96	19.08	18.85	20.5	0	
1.4	16QAM	1	0	18.90	19.03	18.91			
1.4	16QAM	1	3	18.96	18.91	18.91			
1.4	16QAM	1	5	18.89	18.98	18.87	20.5	0	
1.4	16QAM	3	0	19.05	19.10	19.01			
1.4	16QAM	3	1	18.90	19.06	19.00			
1.4	16QAM	3	3	19.00	19.07	18.94	20.5	0	
1.4	16QAM	6	0	18.94	19.06	18.98			
1.4	64QAM	1	0	18.92	19.02	18.87			
1.4	64QAM	1	3	18.92	19.01	18.87	20.5	0	
1.4	64QAM	1	5	18.97	19.02	18.87			
1.4	64QAM	3	0	18.66	18.53	18.53			
1.4	64QAM	3	3	18.60	18.62	18.53	20	0.5	
1.4	64QAM	6	0	18.64	18.58	18.69			

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			21.5	0		
Frequency (MHz)				762						
10	QPSK	1	0		19.85		21.5	0		
10	QPSK	1	25		19.74					
10	QPSK	1	49		19.71					
10	QPSK	25	0		19.77					
10	QPSK	25	12		19.74		21.5	0		
10	QPSK	25	25		19.72					
10	QPSK	50	0		19.75					
10	16QAM	1	0		19.74					
10	16QAM	1	25		19.72		21.5	0		
10	16QAM	1	49		19.79					
10	16QAM	25	0		19.37					
10	16QAM	25	12		19.35					
10	16QAM	25	25		19.41		21	0.5		
10	16QAM	50	0		19.45					
10	64QAM	1	0		19.37					
10	64QAM	1	25		19.47					
10	64QAM	1	49		19.45		21	0.5		
10	64QAM	25	0		18.48					
10	64QAM	25	12		18.38					
10	64QAM	25	25		18.52					
10	64QAM	50	0		18.49		20	1.5		
Channel				23205	23230	23255			21.5	0
Frequency (MHz)				779.5	782	784.5				
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				
5	QPSK	12	7	19.62	19.61	19.64	21.5	0		
5	QPSK	12	13	19.62	19.64	19.65				
5	QPSK	25	0	19.69	19.67	19.65				
5	16QAM	1	0	19.70	19.71	19.69				
5	16QAM	1	12	19.59	19.67	19.65	21.5	0		
5	16QAM	1	24	19.76	19.65	19.68				
5	16QAM	12	0	19.23	19.32	19.30				
5	16QAM	12	7	19.22	19.22	19.31				
5	16QAM	12	13	19.34	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				
5	64QAM	1	24	19.36	19.42	19.37	21	0.5		
5	64QAM	12	0	18.43	18.43	18.36				
5	64QAM	12	7	18.29	18.29	18.23				
5	64QAM	12	13	18.44	18.45	18.37				
5	64QAM	25	0	18.35	18.43	18.44	20	1.5		

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		20.32		22	0
10	QPSK	1	25		20.24			
10	QPSK	1	49		20.19			
10	QPSK	25	0		20.20			
10	QPSK	25	12		20.11		22	0
10	QPSK	25	25		20.14			
10	QPSK	50	0		20.13			
10	16QAM	1	0		20.13			
10	16QAM	1	25		20.09		22	0
10	16QAM	1	49		20.15			
10	16QAM	25	0		19.35			
10	16QAM	25	12		19.46			
10	16QAM	25	25		19.41		21	1
10	16QAM	50	0		19.47			
10	64QAM	1	0		19.40			
10	64QAM	1	25		19.51			
10	64QAM	1	49		19.51		21	1
10	64QAM	25	0		18.47			
10	64QAM	25	12		18.50			
10	64QAM	25	25		18.51			
10	64QAM	50	0		18.40		20	2
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5		
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		
5	QPSK	12	7	20.04	20.04	20.07	22	0
5	QPSK	12	13	20.06	20.01	20.04		
5	QPSK	25	0	20.10	20.09	20.10		
5	16QAM	1	0	20.09	20.04	20.10		
5	16QAM	1	12	20.18	20.16	20.01	22	0
5	16QAM	1	24	20.01	20.03	20.11		
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		
5	64QAM	1	24	19.36	19.39	19.39	21	1
5	64QAM	12	0	18.36	18.43	18.41		
5	64QAM	12	7	18.39	18.37	18.47		
5	64QAM	12	13	18.40	18.37	18.45		
5	64QAM	25	0	18.32	18.33	18.32	20	2

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)				709	710	711		
10	QPSK	1	0	19.82	19.88	19.79	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		
10	QPSK	25	12	19.58	19.59	19.63	21.5	0
10	QPSK	25	25	19.77	19.67	19.60		
10	QPSK	50	0	19.75	19.76	19.70		
10	16QAM	1	0	19.60	19.60	19.59		
10	16QAM	1	25	19.69	19.61	19.58	21.5	0
10	16QAM	1	49	19.64	19.53	19.61		
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	19.12		
10	64QAM	1	0	19.04	19.13	19.12		
10	64QAM	1	25	19.13	19.11	19.11		
10	64QAM	1	49	19.08	19.10	19.07	21	0.5
10	64QAM	25	0	18.11	18.37	18.09		
10	64QAM	25	12	18.12	18.16	18.10		
10	64QAM	25	25	18.21	18.15	18.09		
10	64QAM	50	0	18.31	18.24	18.20	20	1.5
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5		
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		
5	QPSK	12	7	19.55	19.65	19.51	21.5	0
5	QPSK	12	13	19.75	19.63	19.59		
5	QPSK	25	0	19.71	19.65	19.64		
5	16QAM	1	0	19.56	19.58	19.66		
5	16QAM	1	12	19.57	19.52	19.55	21.5	0
5	16QAM	1	24	19.54	19.58	19.60		
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		
5	64QAM	1	24	19.01	19.10	19.02	21	0.5
5	64QAM	12	0	18.03	18.35	18.02		
5	64QAM	12	7	18.11	18.15	18.02		
5	64QAM	12	13	18.20	18.05	18.03		
5	64QAM	25	0	18.29	18.21	18.15	20	1.5

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)				1590	1890	1915			
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	12.26	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	12.39	12.29	14	0	
20	64QAM	1	99	12.24	12.32	12.22			
20	64QAM	50	0	12.23	12.36	12.23			
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	Tune-up limit (dBm)	MPR (dB)	
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	12.11			
15	QPSK	36	0	12.24	12.23	12.17			
15	QPSK	36	20	12.17	12.18	12.16	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	12.29			
15	64QAM	75	0	12.19	12.23	12.13			
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	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	12.12			
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	Tune-up limit (dBm)	MPR (dB)	
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	12.03			
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	Tune-up limit (dBm)	MPR (dB)	
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	12.35	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	12.27			
3	64QAM	15	0	12.11	12.23	12.14			
Channel				25947	26340	26663	Tune-up limit (dBm)	MPR (dB)	
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			
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	64QAM	1	5	12.13	12.24	12.15	14	0	
1.4	64QAM	3	0	12.14	12.27	12.10			
1.4	64QAM	3	1	12.05	12.28	12.14			
1.4	64QAM	3	3	12.24	12.28	12.22			
1.4	64QAM	6	0	12.18	12.19	12.24	14	0	

Band 26 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				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	19.26	19.31	19.22			
15	QPSK	1	37	19.10	19.20	19.16	20.5	0	
15	QPSK	1	74	19.22	19.26	19.15			
15	QPSK	36	0	19.22	19.26	19.12			
15	QPSK	36	20	19.13	19.18	19.09	20.5	0	
15	QPSK	36	39	19.17	19.23	19.09			
15	QPSK	75	0	19.11	19.19	19.04			
15	16QAM	1	0	19.14	19.19	19.09	20.5	0	
15	16QAM	1	37	19.07	19.16	19.04			
15	16QAM	1	74	19.10	19.17	19.06			
15	16QAM	36	0	19.23	19.26	19.10			
15	16QAM	36	20	19.14	19.28	19.17	20.5	0	
15	16QAM	36	39	19.14	19.24	19.14			
15	16QAM	75	0	19.13	19.19	19.11			
15	64QAM	1	0	19.12	19.15	19.08	20.5	0	
15	64QAM	1	37	19.15	19.24	19.12			
15	64QAM	1	74	19.10	19.16	19.11			
15	64QAM	36	0	18.82	19.10	18.69			
15	64QAM	36	20	18.60	18.65	18.85	20	0.5	
15	64QAM	36	39	18.60	18.79	18.72			
15	64QAM	75	0	18.87	18.80	18.88			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	19.16	19.25	19.10	20.5	0	
10	QPSK	1	25	19.01	19.08	19.09			
10	QPSK	1	49	19.08	19.20	19.10			
10	QPSK	25	0	19.02	19.12	19.07	20.5	0	
10	QPSK	25	12	19.02	19.11	19.05			
10	QPSK	25	25	19.10	19.13	19.03	20.5	0	
10	QPSK	50	0	19.07	19.04	19.01			
10	16QAM	1	0	19.06	19.11	19.01	20.5	0	
10	16QAM	1	25	19.04	19.13	18.91			
10	16QAM	1	49	19.08	19.12	18.98			
10	16QAM	25	0	19.16	19.24	19.14	20.5	0	
10	16QAM	25	12	19.08	19.16	19.14			
10	16QAM	25	25	19.02	19.14	19.02	20.5	0	
10	16QAM	50	0	19.07	19.12	19.02			
10	64QAM	1	0	19.08	19.01	18.95	20.5	0	
10	64QAM	1	25	19.04	19.15	19.00			
10	64QAM	1	49	19.03	19.08	18.99			
10	64QAM	25	0	18.78	18.74	18.58	20	0.5	
10	64QAM	25	12	18.45	18.53	18.75			
10	64QAM	25	25	18.48	18.64	18.84			
10	64QAM	50	0	18.82	18.65	18.84			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	19.23	19.20	19.09	20.5	0	
5	QPSK	1	12	19.06	19.08	19.10			
5	QPSK	1	24	19.14	19.23	19.02			
5	QPSK	12	0	19.11	19.15	19.03	20.5	0	
5	QPSK	12	7	19.02	19.05	18.98			
5	QPSK	12	13	19.07	19.10	18.96			
5	QPSK	25	0	19.07	19.15	19.00	20.5	0	
5	16QAM	1	0	19.04	19.11	19.06			
5	16QAM	1	12	18.99	19.12	18.91	20.5	0	
5	16QAM	1	24	19.06	19.04	19.02			
5	16QAM	12	0	19.08	19.25	19.10			
5	16QAM	12	7	19.05	19.18	19.03	20.5	0	
5	16QAM	12	13	19.09	19.19	19.00			
5	16QAM	25	0	19.09	19.10	18.99	20.5	0	
5	16QAM	1	0	19.09	19.02	19.06			
5	64QAM	1	12	19.03	19.18	19.07	20.5	0	
5	64QAM	1	24	18.99	19.07	19.08			
5	64QAM	12	0	18.78	18.66	18.63	20	0.5	
5	64QAM	12	7	18.55	18.50	18.78			
5	64QAM	12	13	18.52	18.67	18.69			
5	64QAM	25	0	18.77	18.75	18.76			
Channel				26715	26865	27055	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	19.17	19.17	19.15	20.5	0	
3	QPSK	1	8	19.02	19.15	19.11			
3	QPSK	1	14	19.07	19.12	19.00			
3	QPSK	8	0	19.08	19.14	19.05	20.5	0	
3	QPSK	8	4	19.00	19.15	19.07			
3	QPSK	8	7	19.07	19.09	19.04			
3	QPSK	15	0	19.00	19.05	18.89	20.5	0	
3	16QAM	1	0	19.00	19.16	19.07			
3	16QAM	1	8	18.99	19.09	18.91	20.5	0	
3	16QAM	1	14	19.05	19.14	18.97			
3	16QAM	8	0	19.13	19.15	19.05			
3	16QAM	8	4	18.99	19.18	19.06	20.5	0	
3	16QAM	8	7	19.07	19.19	19.00			
3	16QAM	15	0	19.00	19.11	19.02			
3	64QAM	1	0	19.08	19.03	18.97	20.5	0	
3	64QAM	1	8	19.01	19.16	19.07			
3	64QAM	1	14	19.05	19.02	19.05			
3	64QAM	8	0	18.75	18.64	18.61	20	0.5	
3	64QAM	8	4	18.47	18.62	18.82			
3	64QAM	8	7	18.51	18.67	18.69			
3	64QAM	15	0	18.80	18.76	18.76			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	19.13	19.18	19.12	20.5	0	
1.4	QPSK	1	3	18.97	19.10	19.03			
1.4	QPSK	1	5	19.08	19.20	19.05			
1.4	QPSK	3	0	19.13	19.19	18.96	20.5	0	
1.4	QPSK	3	1	19.09	19.12	18.99			
1.4	QPSK	3	3	19.09	19.06	19.06			
1.4	QPSK	6	0	19.05	19.10	19.07	20.5	0	
1.4	16QAM	1	0	19.11	19.09	18.96			
1.4	16QAM	1	3	18.93	19.07	18.96			
1.4	16QAM	1	5	19.03	19.09	19.01	20.5	0	
1.4	16QAM	3	0	19.15	19.20	19.07			
1.4	16QAM	3	1	19.11	19.25	19.13			
1.4	16QAM	3	3	19.05	19.10	19.07			
1.4	16QAM	6	0	19.08	19.04	19.07	20.5	0	
1.4	64QAM	1	0	19.02	19.05	18.90			
1.4	64QAM	1	3	19.07	19.17	19.02			
1.4	64QAM	1	5	19.00	19.09	19.05	20.5	0	
1.4	64QAM	3	0	18.71	18.79	18.71			
1.4	64QAM	3	1	18.60	18.55	18.75			
1.4	64QAM	3	3	18.66	18.72	18.67			
1.4	64QAM	6	0	18.82	18.66	18.83	20	0.5	

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	683	686		
20	QPSK	1	0	21.38	21.43	21.36	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	20.35	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 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	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	19.11	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	20	3
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 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		
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	18.39	18.33	19.31		
10	64QAM	1	25	19.36	19.42	19.47	20	3
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 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		
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 Ant0 DSI7								
GSM850	Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
	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	29.20	29.22	29.12	30.50	20.20	20.22	20.12	21.50
GPRS 1 Tx slot	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 DSI7										
GSM1900	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8			1850.2	1880	1909.8		
GSM 1 Tx slot	19.23	19.33	19.16	20.50	10.23	10.33	10.16	11.50		
GPRS 1 Tx slot	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				WCDMA IV Ant0 DSI7				WCDMA V Ant0 DSI7			
		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
		TX Channel	9262	9400		9538	1312	1413		1513	4132	4182	
		Rx Channel	9000	9000	9000	1537	1608	1708	4367	4407	4458		
	Frequency (MHz)	855.4	8580	8607	8616	1717.4	1732.6	1752.9		2435.4	2450.6	2465.6	
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	12.18	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	11.58	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	12.32	12.45	12.40			
20	QPSK	1	49	12.21	12.39	12.33		14	0
20	QPSK	1	99	12.22	12.43	12.19			
20	QPSK	50	0	12.25	12.40	12.39			
20	QPSK	50	24	12.28	12.32	12.22		14	0
20	QPSK	50	50	12.30	12.32	12.22			
20	QPSK	100	0	12.19	12.38	12.25			
20	16QAM	1	0	12.29	12.38	12.31			
20	16QAM	1	49	12.27	12.41	12.21		14	0
20	16QAM	1	99	12.25	12.33	12.28			
20	16QAM	50	0	12.22	12.33	12.27			
20	16QAM	50	24	12.33	12.43	12.27		14	0
20	16QAM	50	50	12.24	12.44	12.27			
20	16QAM	100	0	12.20	12.38	12.14			
20	64QAM	1	0	12.30	12.29	12.22			
20	64QAM	1	49	12.26	12.43	12.37		14	0
20	64QAM	1	99	12.36	12.37	12.25			
20	64QAM	50	0	12.25	12.29	12.28			
20	64QAM	50	24	12.29	12.40	12.28		14	0
20	64QAM	50	50	12.38	12.40	12.26			
20	64QAM	100	0	12.31	12.31	12.28			
Channel									
Frequency (MHz)									
15	QPSK	1	0	12.19	12.40	12.30			
15	QPSK	1	37	12.15	12.27	12.22		14	0
15	QPSK	1	74	12.09	12.37	12.16			
15	QPSK	36	0	12.22	12.30	12.32			
15	QPSK	36	20	12.14	12.21	12.08		14	0
15	QPSK	36	39	12.23	12.27	12.10			
15	QPSK	75	0	12.04	12.33	12.19			
15	16QAM	1	0	12.23	12.32	12.20			
15	16QAM	1	37	12.13	12.36	12.15		14	0
15	16QAM	1	74	12.15	12.24	12.19			
15	16QAM	36	0	12.17	12.21	12.22			
15	16QAM	36	20	12.18	12.29	12.19		14	0
15	16QAM	36	39	12.17	12.35	12.20			
15	16QAM	75	0	12.06	12.26	12.10			
15	64QAM	1	0	12.26	12.23	12.14			
15	64QAM	1	37	12.17	12.29	12.30		14	0
15	64QAM	1	74	12.29	12.25	12.11			
15	64QAM	36	0	12.12	12.20	12.22			
15	64QAM	36	20	12.21	12.34	12.23		14	0
15	64QAM	36	39	12.24	12.39	12.22			
15	64QAM	75	0	12.26	12.18	12.25			
Channel									
Frequency (MHz)									
10	QPSK	1	0	12.23	12.38	12.32			
10	QPSK	1	25	12.15	12.27	12.21		14	0
10	QPSK	1	49	12.13	12.31	12.15			
10	QPSK	25	0	12.19	12.37	12.27			
10	QPSK	25	12	12.20	12.26	12.11		14	0
10	QPSK	25	25	12.22	12.21	12.09			
10	QPSK	50	0	12.12	12.28	12.14			
10	16QAM	1	0	12.16	12.28	12.16			
10	16QAM	1	25	12.12	12.38	12.12		14	0
10	16QAM	1	49	12.15	12.19	12.20			
10	16QAM	25	0	12.17	12.24	12.16			
10	16QAM	25	12	12.23	12.31	12.20		14	0
10	16QAM	25	25	12.10	12.40	12.14			
10	16QAM	50	0	12.09	12.31	12.09			
10	64QAM	1	0	12.17	12.26	12.16			
10	64QAM	1	25	12.15	12.38	12.29		14	0
10	64QAM	1	49	12.31	12.31	12.17			
10	64QAM	25	0	12.11	12.18	12.12			
10	64QAM	25	12	12.23	12.25	12.19		14	0
10	64QAM	25	25	12.26	12.32	12.13			
10	64QAM	50	0	12.25	12.21	12.15			
Channel									
Frequency (MHz)									
5	QPSK	1	0	12.19	12.39	12.32			
5	QPSK	1	12	12.10	12.29	12.21		14	0
5	QPSK	1	24	12.17	12.29	12.13			
5	QPSK	12	0	12.14	12.30	12.30			
5	QPSK	12	7	12.16	12.27	12.10		14	0
5	QPSK	12	13	12.17	12.27	12.08			
5	QPSK	25	0	12.05	12.24	12.21			
5	16QAM	1	0	12.19	12.27	12.19		14	0
5	16QAM	1	12	12.21	12.37	12.06			
5	16QAM	1	24	12.16	12.29	12.17			
5	16QAM	12	0	12.18	12.18	12.18			
5	16QAM	12	7	12.28	12.31	12.17		14	0
5	16QAM	12	13	12.12	12.33	12.24			
5	16QAM	25	0	12.09	12.34	12.08			
5	64QAM	1	0	12.24	12.22	12.17			
5	64QAM	1	12	12.17	12.38	12.33		14	0
5	64QAM	1	24	12.26	12.29	12.14			
5	64QAM	12	0	12.17	12.23	12.12			
5	64QAM	12	7	12.19	12.34	12.23		14	0
5	64QAM	12	13	12.29	12.34	12.17			
5	64QAM	25	0	12.25	12.24	12.18			
Channel									
Frequency (MHz)									
3	QPSK	1	0	12.28	12.38	12.25			
3	QPSK	1	8	12.12	12.34	12.23		14	0
3	QPSK	1	14	12.19	12.34	12.10			
3	QPSK	8	0	12.19	12.37	12.30			
3	QPSK	8	4	12.25	12.19	12.18		14	0
3	QPSK	8	7	12.15	12.25	12.13			
3	QPSK	15	0	12.04	12.32	12.10			
3	16QAM	1	0	12.19	12.26	12.21			
3	16QAM	1	8	12.18	12.35	12.07		14	0
3	16QAM	1	14	12.19	12.25	12.16			
3	16QAM	8	0	12.13	12.29	12.22			
3	16QAM	8	4	12.24	12.31	12.18		14	0
3	16QAM	8	7	12.17	12.40	12.12			
3	16QAM	15	0	12.15	12.27	12.02			
3	64QAM	1	0	12.16	12.15	12.11			
3	64QAM	1	8	12.13	12.38	12.26		14	0
3	64QAM	1	14	12.32	12.23	12.15			
3	64QAM	8	0	12.11	12.22	12.14			
3	64QAM	8	4	12.22	12.30	12.21		14	0
3	64QAM	8	7	12.20	12.37	12.17			
3	64QAM	15	0	12.23	12.19	12.17			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	12.21	12.31	12.28			
1.4	QPSK	1	3	12.17	12.30	12.29		14	0
1.4	QPSK	1	5	12.18	12.39	12.10			
1.4	QPSK	3	0	12.14	12.28	12.32			
1.4	QPSK	3	1	12.20	12.21	12.14			
1.4	QPSK	3	3	12.19	12.25	12.13		14	0
1.4	QPSK	6	0	12.05	12.34	12.19			
1.4	16QAM	1	0	12.24	12.30	12.16			
1.4	16QAM	1	3	12.21	12.26	12.15		14	0
1.4	16QAM	1	5	12.16	12.20	12.12			
1.4	16QAM	3	0	12.14	12.24	12.21		14	0
1.4	16QAM	3	1	12.19	12.37	12.21			
1.4	16QAM	3	3	12.10	12.32	12.20			
1.4	16QAM	6	0	12.10	12.26	12.20		14	0
1.4	64QAM	1	0	12.22	12.18	12.18			
1.4	64QAM	1	3	12.11	12.29	12.26			
1.4	64QAM	1	5	12.21	12.26	12.12		14	0
1.4	64QAM	3	0	12.20	12.16	12.15			
1.4	64QAM	3	1	12.23	12.32	12.24			
1.4	64QAM	3	3	12.32	12.36	12.17			
1.4	64QAM	6	0	12.22	12.16	12.14		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)				17.20	17.32	17.45			
20	QPSK	1	0	12.72	12.89	12.78			
20	QPSK	1	49	12.70	12.78	12.77		14.5	0
20	QPSK	1	99	12.66	12.70	12.72			
20	QPSK	50	0	12.68	12.80	12.66			
20	QPSK	50	24	12.69	12.77	12.66		14.5	0
20	QPSK	50	50	12.69	12.74	12.77			
20	QPSK	100	0	12.72	12.84	12.75			
20	16QAM	1	0	12.69	12.73	12.71		14.5	0
20	16QAM	1	49	12.66	12.73	12.62			
20	16QAM	1	99	12.70	12.81	12.65			
20	16QAM	50	0	12.67	12.83	12.70			
20	16QAM	50	24	12.72	12.72	12.75		14.5	0
20	16QAM	50	50	12.74	12.79	12.66			
20	16QAM	100	0	12.69	12.80	12.71			
20	64QAM	1	0	12.80	12.84	12.72			
20	64QAM	1	49	12.72	12.81	12.74		14.5	0
20	64QAM	1	99	12.68	12.78	12.76			
20	64QAM	50	0	12.69	12.83	12.71			
20	64QAM	50	24	12.73	12.78	12.67		14.5	0
20	64QAM	50	50	12.74	12.79	12.66			
20	64QAM	100	0	12.78	12.79	12.75			
Channel									
Frequency (MHz)				20.025	20.175	20.325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				17.175	17.325	17.475			
15	QPSK	1	0	12.64	12.84	12.68			
15	QPSK	1	37	12.57	12.73	12.66		14.5	0
15	QPSK	1	74	12.52	12.65	12.62			
15	QPSK	36	0	12.59	12.77	12.57			
15	QPSK	36	20	12.56	12.73	12.63		14.5	0
15	QPSK	36	39	12.64	12.60	12.72			
15	QPSK	75	0	12.68	12.76	12.62			
15	16QAM	1	0	12.65	12.85	12.65			
15	16QAM	1	37	12.55	12.66	12.53		14.5	0
15	16QAM	1	74	12.58	12.69	12.59			
15	16QAM	36	0	12.57	12.78	12.59			
15	16QAM	36	20	12.68	12.63	12.61		14.5	0
15	16QAM	36	39	12.59	12.69	12.53			
15	16QAM	75	0	12.63	12.67	12.64			
15	64QAM	1	0	12.71	12.74	12.64			
15	64QAM	1	37	12.56	12.69	12.62		14.5	0
15	64QAM	1	74	12.62	12.73	12.71			
15	64QAM	36	0	12.61	12.72	12.57			
15	64QAM	36	20	12.60	12.65	12.64		14.5	0
15	64QAM	36	39	12.69	12.68	12.59			
15	64QAM	75	0	12.67	12.67	12.63			
Channel									
Frequency (MHz)				20.000	20.175	20.350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				17.15	17.32	17.50			
10	QPSK	1	0	12.62	12.78	12.70			
10	QPSK	1	25	12.57	12.72	12.69		14.5	0
10	QPSK	1	49	12.62	12.60	12.65			
10	QPSK	25	0	12.57	12.67	12.56		14.5	0
10	QPSK	25	12	12.60	12.66	12.62			
10	QPSK	25	25	12.62	12.71	12.67			
10	QPSK	50	0	12.63	12.80	12.62			
10	16QAM	1	0	12.63	12.80	12.65			
10	16QAM	1	25	12.61	12.81	12.54		14.5	0
10	16QAM	1	49	12.56	12.77	12.59			
10	16QAM	25	0	12.52	12.77	12.58			
10	16QAM	25	12	12.54	12.69	12.64		14.5	0
10	16QAM	25	25	12.64	12.75	12.51			
10	16QAM	50	0	12.58	12.85	12.59			
10	64QAM	1	0	12.74	12.85	12.61			
10	64QAM	1	25	12.62	12.70	12.70		14.5	0
10	64QAM	1	49	12.64	12.74	12.72			
10	64QAM	25	0	12.55	12.75	12.66			
10	64QAM	25	12	12.58	12.75	12.67		14.5	0
10	64QAM	25	25	12.64	12.69	12.65			
10	64QAM	50	0	12.63	12.83	12.70			
Channel									
Frequency (MHz)				19.975	20.175	20.375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				17.125	17.325	17.525			
5	QPSK	1	0	12.66	12.86	12.74			
5	QPSK	1	12	12.59	12.64	12.65		14.5	0
5	QPSK	1	24	12.54	12.59	12.65			
5	QPSK	12	0	12.60	12.76	12.58			
5	QPSK	12	7	12.62	12.71	12.58		14.5	0
5	QPSK	12	13	12.55	12.64	12.73			
5	QPSK	25	0	12.66	12.71	12.67			
5	16QAM	1	0	12.56	12.86	12.63		14.5	0
5	16QAM	1	12	12.58	12.69	12.59			
5	16QAM	1	24	12.65	12.75	12.61			
5	16QAM	12	0	12.64	12.71	12.61			
5	16QAM	12	7	12.65	12.57	12.71		14.5	0
5	16QAM	12	13	12.63	12.70	12.56			
5	16QAM	25	0	12.61	12.71	12.57			
5	64QAM	1	0	12.65	12.84	12.63			
5	64QAM	1	12	12.66	12.69	12.61		14.5	0
5	64QAM	1	24	12.54	12.73	12.67			
5	64QAM	12	0	12.62	12.72	12.62			
5	64QAM	12	7	12.62	12.72	12.54		14.5	0
5	64QAM	12	13	12.57	12.70	12.59			
5	64QAM	25	0	12.67	12.75	12.64			
Channel									
Frequency (MHz)				19.965	20.175	20.385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				17.115	17.325	17.535			
3	QPSK	1	0	12.58	12.79	12.67			
3	QPSK	1	8	12.66	12.65	12.70		14.5	0
3	QPSK	1	14	12.62	12.59	12.61			
3	QPSK	8	0	12.59	12.76	12.57			
3	QPSK	8	4	12.62	12.66	12.65		14.5	0
3	QPSK	8	7	12.56	12.59	12.73			
3	QPSK	15	0	12.63	12.72	12.70			
3	16QAM	1	0	12.61	12.62	12.61			
3	16QAM	1	8	12.55	12.62	12.65		14.5	0
3	16QAM	1	14	12.64	12.78	12.53			
3	16QAM	8	0	12.55	12.62	12.65			
3	16QAM	8	4	12.65	12.62	12.69		14.5	0
3	16QAM	8	7	12.54	12.73	12.56			
3	16QAM	15	0	12.65	12.73	12.57			
3	64QAM	1	0	12.72	12.78	12.63			
3	64QAM	1	8	12.59	12.77	12.67		14.5	0
3	64QAM	1	14	12.53	12.64	12.62			
3	64QAM	8	0	12.60	12.79	12.63			
3	64QAM	8	4	12.63	12.65	12.63		14.5	0
3	64QAM	8	7	12.66	12.61	12.64			
3	64QAM	15	0	12.70	12.84	12.70			
Channel									
Frequency (MHz)				19.957	20.175	20.393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				17.107	17.325	17.543			
1.4	QPSK	1	0	12.59	12.82	12.74			
1.4	QPSK	1	3	12.63	12.73	12.69		14.5	0
1.4	QPSK	1	5	12.57	12.63	12.67			
1.4	QPSK	3	0	12.61	12.66	12.62			
1.4	QPSK	3	1	12.57	12.71	12.56			
1.4	QPSK	3	3	12.65	12.61	12.69		14.5	0
1.4	QPSK	6	0	12.63	12.75	12.69			
1.4	16QAM	1	0	12.57	12.66	12.65			
1.4	16QAM	1	5	12.59	12.80	12.67		14.5	0
1.4	16QAM	3	0	12.53	12.75	12.64			
1.4	16QAM	3	1	12.63	12.58	12.60			
1.4	16QAM	3	3	12.64	12.76	12.54		14.5	0
1.4	64QAM	1	0	12.75	12.80	12.61			
1.4	64QAM	1	3	12.59	12.71	12.68			
1.4	64QAM	1	5	12.58	12.76	12.63		14.5	0
1.4	64QAM	3	0	12.54	12.78	12.58			
1.4	64QAM	3	1	12.61	12.65	12.59			
1.4	64QAM	3	3	12.59	12.68	12.65			
1.4	64QAM	6	0	12.63	12.65	12.65		14.5	0

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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.35	22.39	22.32			
10	QPSK	1	25	22.21	22.29	22.13			
10	QPSK	1	49	22.23	22.27	22.30	23	1	
10	QPSK	25	0	21.43	21.47	21.40			
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			
10	16QAM	25	0	20.51	20.82	20.61	22	2	
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38			
10	16QAM	50	0	20.39	20.34	20.37			
10	64QAM	1	0	20.61	20.42	20.53	22	2	
10	64QAM	1	25	20.26	20.41	20.47			
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				23035	23095	23155	24	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.18	22.34	22.31			
5	QPSK	1	12	22.17	22.23	22.07			
5	QPSK	1	24	22.07	22.15	22.23	23	1	
5	QPSK	12	0	21.41	21.38	21.23			
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			
5	16QAM	12	0	20.40	20.44	20.51	22	2	
5	16QAM	12	7	20.38	20.41	20.29			
5	16QAM	12	13	20.43	20.40	20.25			
5	16QAM	25	0	20.31	20.33	20.18			
5	64QAM	1	0	20.59	20.26	20.46	22	2	
5	64QAM	1	12	20.25	20.34	20.28			
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	24	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.34	22.25	22.14			
3	QPSK	1	8	22.16	22.11	22.00			
3	QPSK	1	14	22.19	22.27	22.24	23	1	
3	QPSK	8	0	21.42	21.34	21.34			
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			
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			
3	64QAM	1	0	20.46	20.26	20.51	22	2	
3	64QAM	1	8	20.08	20.24	20.38			
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				23017	23095	23173	24	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.18	22.29	22.23			
1.4	QPSK	1	3	22.11	22.09	22.01			
1.4	QPSK	1	5	22.11	22.26	22.26	23	1	
1.4	QPSK	3	0	22.31	22.32	22.13			
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			
1.4	16QAM	3	0	21.40	21.12	21.27	22	2	
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36			
1.4	16QAM	6	0	20.45	20.57	20.56			
1.4	64QAM	1	0	20.24	20.37	20.21	22	2	
1.4	64QAM	1	3	20.54	20.43	20.38			
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	1	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				23200	23230		23.5	0	
Frequency (MHz)				717	719				
10	QPSK	1	0		21.91				
10	QPSK	1	25		21.84				
10	QPSK	1	49		21.78		23	0.5	
10	QPSK	25	0		21.40				
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		21.30				
10	16QAM	25	0		20.32		22	1.5	
10	16QAM	25	12		20.39				
10	16QAM	25	25		20.28				
10	16QAM	50	0		20.31				
10	64QAM	1	0		20.36		22	1.5	
10	64QAM	1	25		20.31				
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				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5	23.5	0	
5	QPSK	1	0	21.81	21.87	21.76			
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			
5	16QAM	1	0	21.24	21.28	21.23	23	0.5	
5	16QAM	1	12	21.19	21.24	21.25			
5	16QAM	1	24	21.26	21.15	21.20			
5	16QAM	12	0	20.27	20.18	20.24			
5	16QAM	12	7	20.33	20.27	20.26	22	1.5	
5	16QAM	12	13	20.17	20.22	20.17			
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	19.28	19.16	19.13			
5	64QAM	12	13	19.14	19.18	19.24	21	2.5	
5	64QAM	25	0	19.28	19.27	19.25			

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				23780	23790	23800			
Frequency (MHz)				710	710	711			
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		23	1
10	16QAM	1	25	21.27	21.36	21.54			
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		21	3
10	64QAM	25	25	19.36	19.43	19.55			
10	64QAM	50	0	19.44	19.34	19.47			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
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	21.31	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	21.45		23	1
5	16QAM	1	12	21.24	21.18	21.36			
5	16QAM	1	24	21.42	21.36	21.31			
5	16QAM	12	0	20.30	20.42	20.32		22	2
5	16QAM	12	7	20.22	20.23	20.20			
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		22	2
5	64QAM	1	12	20.11	20.19	20.22			
5	64QAM	1	24	20.40	20.28	20.10			
5	64QAM	12	0	19.27	19.37	19.16		21	3
5	64QAM	12	7	19.14	19.18	19.35			
5	64QAM	12	13	19.34	19.38	19.42			
5	64QAM	25	0	19.36	19.27	19.37			

Band 25 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Mod Ch. / Freq.	Power Mod Ch. / Freq.	Power Mod Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1860	1860			
20	QPSK	1	0	12.50	12.52	12.41			
20	QPSK	1	49	12.47	12.49	12.48		14	0
20	QPSK	1	99	12.34	12.34	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		14	0
20	16QAM	1	49	12.25	12.37	12.24			
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	12.47	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	12.43	12.37			
20	64QAM	100	0	12.38	12.44	12.34			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	12.36	12.39	12.34			
15	QPSK	1	37	12.33	12.35	12.45		14	0
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		14	0
15	16QAM	1	37	12.16	12.31	12.18			
15	16QAM	1	74	12.21	12.23	12.32			
15	16QAM	36	0	12.24	12.37	12.15		14	0
15	16QAM	36	20	12.15	12.41	12.18			
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		14	0
15	64QAM	1	37	12.30	12.42	12.24			
15	64QAM	1	74	12.28	12.43	12.37			
15	64QAM	36	0	12.19	12.28	12.23		14	0
15	64QAM	36	20	12.25	12.27	12.21			
15	64QAM	36	39	12.19	12.32	12.24			
15	64QAM	75	0	12.26	12.37	12.30			
Channel				26080	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	12.44	12.39	12.29			
10	QPSK	1	25	12.41	12.40	12.37		14	0
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	12.16			
10	QPSK	50	0	12.35	12.41	12.34			
10	16QAM	1	0	12.40	12.42	12.30		14	0
10	16QAM	1	25	12.13	12.22	12.11			
10	16QAM	1	49	12.23	12.24	12.27			
10	16QAM	25	0	12.33	12.43	12.25		14	0
10	16QAM	25	12	12.20	12.44	12.17			
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	12.21	12.40	12.17			
10	64QAM	1	49	12.36	12.38	12.30			
10	64QAM	25	0	12.15	12.35	12.19		14	0
10	64QAM	25	12	12.28	12.36	12.12			
10	64QAM	25	25	12.22	12.37	12.27			
10	64QAM	50	0	12.26	12.38	12.22			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	12.40	12.46	12.33			
5	QPSK	1	12	12.35	12.41	12.44		14	0
5	QPSK	1	24	12.30	12.35	12.38			
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		14	0
5	16QAM	1	12	12.15	12.30	12.14			
5	16QAM	1	24	12.18	12.28	12.29			
5	16QAM	12	0	12.24	12.43	12.14		14	0
5	16QAM	12	7	12.19	12.41	12.15			
5	16QAM	12	13	12.33	12.32	12.33			
5	16QAM	25	0	12.31	12.30	12.37		14	0
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				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	12.39	12.45	12.31			
3	QPSK	1	8	12.37	12.35	12.41		14	0
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	12.21	12.37	12.22			
3	QPSK	15	0	12.32	12.42	12.29			
3	16QAM	1	0	12.34	12.38	12.30		14	0
3	16QAM	1	8	12.15	12.23	12.21			
3	16QAM	1	14	12.23	12.27	12.28			
3	16QAM	8	0	12.25	12.42	12.17		14	0
3	16QAM	8	4	12.23	12.35	12.20			
3	16QAM	8	7	12.36	12.37	12.29			
3	16QAM	15	0	12.25	12.31	12.35		14	0
3	64QAM	1	0	12.26	12.33	12.25			
3	64QAM	1	8	12.22	12.42	12.26			
3	64QAM	1	14	12.38	12.41	12.38		14	0
3	64QAM	8	0	12.26	12.35	12.23			
3	64QAM	8	4	12.24	12.28	12.15		14	0
3	64QAM	8	7	12.26	12.42	12.30			
3	64QAM	16	0	12.26	12.38	12.24			
Channel				1850.7	1880	1914.3	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
1.4	QPSK	1	0	12.39	12.47	12.34			
1.4	QPSK	1	3	12.40	12.37	12.34		14	0
1.4	QPSK	1	5	12.30	12.39	12.32			
1.4	QPSK	3	0	12.40	12.42	12.42			
1.4	QPSK	3	1	12.30	12.26	12.31			
1.4	QPSK	3	3	12.28	12.34	12.17			
1.4	QPSK	6	0	12.27	12.39	12.25		14	0
1.4	16QAM	1	0	12.36	12.35	12.29			
1.4	16QAM	3	3	12.10	12.34	12.19			
1.4	16QAM	1	5	12.25	12.32	12.28		14	0
1.4	16QAM	3	0	12.30	12.44	12.23			
1.4	16QAM	3	1	12.16	12.40	12.18			
1.4	16QAM	3	3	12.32	12.33	12.26			
1.4	16QAM	6	0	12.21	12.40	12.31		14	0
1.4	64QAM	1	0	12.22	12.29	12.31			
1.4	64QAM	1	3	12.27	12.33	12.16		14	0
1.4	64QAM	1	5	12.29	12.33	12.32			
1.4	64QAM	3	0	12.19	12.31	12.17			
1.4	64QAM	3	1	12.18	12.34	12.09			
1.4	64QAM	3	3	12.26	12.36	12.22			
1.4	64QAM	6	0	12.27	12.39	12.26		14	0

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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	12.83	12.85	12.86			
20	QPSK	1	49	12.78	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	14.5	0	
20	16QAM	1	49	12.74	12.86	12.75			
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				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	12.80	12.87	12.74	14.5	0	
15	QPSK	1	37	12.64	12.72	12.62			
15	QPSK	1	74	12.79	12.74	12.75			
15	QPSK	36	0	12.77	12.77	12.68	14.5	0	
15	QPSK	36	20	12.63	12.74	12.73			
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	14.5	0	
15	16QAM	1	37	12.67	12.75	12.63			
15	16QAM	1	74	12.67	12.75	12.72			
15	16QAM	36	0	12.66	12.74	12.68	14.5	0	
15	16QAM	36	20	12.69	12.76	12.58			
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	14.5	0	
15	64QAM	1	37	12.58	12.68	12.69			
15	64QAM	1	74	12.64	12.78	12.75			
15	64QAM	36	0	12.65	12.77	12.59	14.5	0	
15	64QAM	36	20	12.72	12.73	12.65			
15	64QAM	36	39	12.62	12.71	12.71			
15	64QAM	75	0	12.68	12.77	12.62			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	12.90	12.82	12.76	14.5	0	
10	QPSK	1	25	12.69	12.68	12.64			
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	14.5	0	
10	16QAM	1	25	12.66	12.77	12.70			
10	16QAM	1	49	12.65	12.79	12.70			
10	16QAM	25	0	12.73	12.71	12.68	14.5	0	
10	16QAM	25	12	12.73	12.78	12.64			
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	14.5	0	
10	64QAM	25	12	12.68	12.77	12.65			
10	64QAM	25	25	12.63	12.80	12.69			
10	64QAM	50	0	12.68	12.87	12.66			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	12.81	12.87	12.81	14.5	0	
5	QPSK	1	12	12.85	12.71	12.72			
5	QPSK	1	24	12.72	12.80	12.77			
5	QPSK	12	0	12.84	12.80	12.71	14.5	0	
5	QPSK	12	7	12.68	12.78	12.67			
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	14.5	0	
5	16QAM	1	12	12.61	12.79	12.63			
5	16QAM	1	24	12.64	12.75	12.73			
5	16QAM	12	0	12.67	12.79	12.61	14.5	0	
5	16QAM	12	7	12.70	12.75	12.61			
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	14.5	0	
5	64QAM	1	12	12.58	12.69	12.65			
5	64QAM	1	24	12.62	12.71	12.69			
5	64QAM	12	0	12.58	12.71	12.63	14.5	0	
5	64QAM	12	7	12.71	12.77	12.70			
5	64QAM	12	13	12.66	12.77	12.71			
5	64QAM	25	0	12.63	12.76	12.68			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	12.84	12.86	12.73	14.5	0	
3	QPSK	1	8	12.73	12.77	12.64			
3	QPSK	1	14	12.73	12.69	12.67			
3	QPSK	8	0	12.78	12.79	12.63	14.5	0	
3	QPSK	8	4	12.71	12.77	12.69			
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	14.5	0	
3	16QAM	1	8	12.62	12.78	12.65			
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	14.5	0	
3	64QAM	1	8	12.64	12.63	12.65			
3	64QAM	1	14	12.68	12.71	12.76			
3	64QAM	8	0	12.62	12.73	12.59	14.5	0	
3	64QAM	8	4	12.66	12.78	12.68			
3	64QAM	8	7	12.56	12.68	12.65			
3	64QAM	15	0	12.61	12.79	12.58			
Channel				131979	132322	132669	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	12.80	12.82	12.78	14.5	0	
1.4	QPSK	1	3	12.72	12.74	12.62			
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	14.5	0	
1.4	QPSK	3	3	12.78	12.73	12.81			
1.4	QPSK	6	0	12.68	12.71	12.63			
1.4	16QAM	1	0	12.84	12.86	12.70	14.5	0	
1.4	16QAM	1	3	12.62	12.81	12.68			
1.4	16QAM	1	5	12.70	12.79	12.63			
1.4	16QAM	3	0	12.70	12.71	12.70			
1.4	16QAM	3	1	12.69	12.83	12.61	14.5	0	
1.4	16QAM	3	3	12.55	12.81	12.66			
1.4	16QAM	6	0	12.65	12.74	12.60			
1.4	64QAM	1	0	12.74	12.64	12.71	14.5	0	
1.4	64QAM	1	3	12.68	12.73	12.69			
1.4	64QAM	1	5	12.62	12.75	12.70			
1.4	64QAM	3	0	12.56	12.70	12.57			
1.4	64QAM	3	1	12.66	12.71	12.65			
1.4	64QAM	3	3	12.65	12.74	12.63	14.5	0	
1.4	64QAM	6	0	12.67	12.80	12.65			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688			
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	20.44	20.43			
20	64QAM	1	0	20.61	20.41	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	19.43			
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	19.59			
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	22.24	22.27	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	21.31	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	21.39			
15	16QAM	1	37	21.45	21.45	21.40	23	1	
15	16QAM	1	74	21.53	21.31	21.47			
15	16QAM	36	0	20.29	20.33	20.55			
15	16QAM	36	20	20.38	20.41	20.58	22	2	
15	16QAM	36	39	20.49	20.44	20.44			
15	16QAM	75	0	20.43	20.23	20.37			
15	64QAM	1	0	20.59	20.41	20.32			
15	64QAM	1	37	20.29	20.23	20.41	22	2	
15	64QAM	1	74	20.24	20.22	20.45			
15	64QAM	36	0	19.28	19.41	19.35			
15	64QAM	36	20	19.27	19.30	19.54	21	3	
15	64QAM	36	39	19.34	19.34	19.44			
15	64QAM	75	0	19.44	19.36	19.43			
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	678	693			
10	QPSK	1	0	22.29	22.27	22.20			
10	QPSK	1	25	22.24	22.41	22.13	24	0	
10	QPSK	1	49	22.18	22.26	22.32			
10	QPSK	25	0	21.36	21.52	21.45			
10	QPSK	25	12	21.29	21.27	21.27	23	1	
10	QPSK	25	25	21.41	21.33	21.48			
10	QPSK	50	0	21.42	21.44	21.44			
10	QPSK	1	0	21.54	21.50	21.43			
10	16QAM	1	25	21.38	21.35	21.39	23	1	
10	16QAM	1	49	21.36	21.30	21.45			
10	16QAM	25	0	20.46	20.36	20.61			
10	16QAM	25	12	20.45	20.46	20.33	22	2	
10	16QAM	25	25	20.47	20.32	20.31			
10	16QAM	50	0	20.29	20.37	20.37			
10	64QAM	1	0	20.50	20.40	20.50	22	2	
10	64QAM	1	25	20.34	20.30	20.35			
10	64QAM	1	49	20.23	20.24	20.35			
10	64QAM	25	0	19.21	19.48	19.43			
10	64QAM	25	12	19.32	19.45	19.33	21	3	
10	64QAM	25	25	19.37	19.48	19.34			
10	64QAM	50	0	19.54	19.47	19.47			
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				663.5	673.5	695.5			
5	QPSK	1	0	22.28	22.43	22.38			
5	QPSK	1	24	22.22	22.41	22.31	24	0	
5	QPSK	1	12	22.20	22.33	22.34			
5	QPSK	12	0	21.43	21.40	21.29			
5	QPSK	12	7	21.16	21.28	21.21	23	1	
5	QPSK	12	13	21.32	21.36	21.34			
5	QPSK	25	0	21.37	21.40	21.30			
5	16QAM	1	0	21.52	21.57	21.38			
5	16QAM	1	12	21.35	21.34	21.43	22	2	
5	16QAM	1	24	21.46	21.36	21.45			
5	16QAM	12	0	20.27	20.40	20.55			
5	16QAM	12	7	20.36	20.48	20.28	22	2	
5	16QAM	12	13	20.43	20.35	20.27			
5	16QAM	25	0	20.41	20.34	20.36			
5	64QAM	1	0	20.53	20.36	20.40			
5	64QAM	1	12	20.25	20.24	20.30	22	2	
5	64QAM	1	24	20.41	20.37	20.41			
5	64QAM	12	0	19.23	19.50	19.44			
5	64QAM	12	7	19.35	19.31	19.55	21	3	
5	64QAM	12	13	19.43	19.43	19.43			
5	64QAM	25	0	19.60	19.47	19.40			

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	20.5	0
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	QPSK	50	24	19.05	19.09	18.96	20.5	0
20	QPSK	50	50	18.97	19.03	18.98		
20	QPSK	100	0	19.03	19.11	19.05		
20	16QAM	1	0	18.98	19.05	18.90		
20	16QAM	1	49	19.00	19.14	19.11	20.5	0
20	16QAM	1	99	19.04	19.10	19.02		
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	19.00	19.11	19.00		
20	64QAM	1	49	19.10	19.14	19.02		
20	64QAM	1	99	18.95	19.05	18.92	20.5	0
20	64QAM	50	0	18.96	19.02	18.89		
20	64QAM	50	24	18.92	19.06	18.97		
20	64QAM	50	50	19.01	19.05	18.90		
20	64QAM	100	0	18.92	19.07	18.94	20.5	0
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
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		
15	QPSK	36	20	18.97	18.96	18.82	20.5	0
15	QPSK	36	39	18.92	18.99	18.89		
15	QPSK	75	0	18.96	18.99	18.86		
15	16QAM	1	0	18.94	18.98	18.84		
15	16QAM	1	37	18.91	19.04	19.08	20.5	0
15	16QAM	1	74	18.91	18.99	18.92		
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		
15	64QAM	1	74	18.81	18.93	18.89	20.5	0
15	64QAM	36	0	18.84	18.92	18.85		
15	64QAM	36	20	18.78	18.96	18.82		
15	64QAM	36	39	18.93	18.93	18.75		
15	64QAM	75	0	18.86	18.93	18.86	20.5	0
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
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		
10	QPSK	25	12	19.09	19.01	18.90	20.5	0
10	QPSK	25	25	18.87	18.98	18.90		
10	QPSK	50	0	18.92	19.01	18.97		
10	16QAM	1	0	18.90	19.02	18.78		
10	16QAM	1	25	18.93	19.07	18.97	20.5	0
10	16QAM	1	49	18.94	18.99	18.92		
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		
10	64QAM	1	49	18.89	18.94	18.83	20.5	0
10	64QAM	25	0	18.88	18.89	18.81		
10	64QAM	25	12	18.79	18.94	18.83		
10	64QAM	25	25	18.89	18.94	18.78		
10	64QAM	50	0	18.85	18.99	18.86	20.5	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
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		
5	QPSK	12	7	19.02	19.01	18.93	20.5	0
5	QPSK	12	13	18.87	18.93	18.89		
5	QPSK	25	0	18.90	19.01	18.93		
5	16QAM	1	0	18.95	18.94	18.76		
5	16QAM	1	12	18.87	19.09	19.07	20.5	0
5	16QAM	1	24	18.99	19.05	18.92		
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		
5	64QAM	1	24	18.82	18.96	18.77	20.5	0
5	64QAM	12	0	18.92	18.91	18.83		
5	64QAM	12	7	18.80	18.96	18.92		
5	64QAM	12	13	18.94	18.91	18.83		
5	64QAM	25	0	18.77	18.98	18.80	20.5	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)

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)				2310				
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			
10	QPSK	25	12		20.57		22	0
10	QPSK	25	25		20.60			
10	QPSK	50	0		20.55			
10	16QAM	1	0		20.62			
10	16QAM	1	25		20.52		22	0
10	16QAM	1	49		20.62			
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	Tune-up limit (dBm)	MPR (dB)
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		
5	QPSK	12	7	20.46	20.54	20.51	22	0
5	QPSK	12	13	20.53	20.48	20.46		
5	QPSK	25	0	20.48	20.41	20.45		
5	16QAM	1	0	20.50	20.57	20.54		
5	16QAM	1	12	20.40	20.36	20.40	22	0
5	16QAM	1	24	20.52	20.57	20.55		
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		
5	64QAM	1	24	20.51	20.43	20.43	22	0
5	64QAM	12	0	19.57	19.61	19.59		
5	64QAM	12	7	19.67	19.59	19.58		
5	64QAM	12	13	19.72	19.66	19.59		
5	64QAM	25	0	19.47	19.59	19.58	21	1
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)



Band 38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq [dBm]	Power Mid Ch / Freq [dBm]	Power High Ch / Freq [dBm]	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.71	19.76	19.84	21	0	
20	QPSK	1	49	19.52	19.67	19.54			
20	QPSK	1	99	19.52	19.65	19.51			
20	QPSK	50	0	19.60	19.73	19.64			
20	QPSK	50	24	19.68	19.76	19.64			
20	QPSK	50	50	19.60	19.70	19.64	21	0	
20	HQAM	1	0	19.66	19.76	19.64			
20	HQAM	1	49	19.55	19.63	19.51			
20	HQAM	1	99	19.61	19.64	19.63			
20	HQAM	50	24	19.57	19.68	19.57			
20	HQAM	50	24	19.57	19.68	19.58	21	0	
20	HQAM	50	50	19.56	19.69	19.62			
20	HQAM	100	0	19.56	19.72	19.68			
20	HQAM	1	0	19.62	19.65	19.67			
20	HQAM	1	49	19.56	19.76	19.62			
20	HQAM	1	99	19.55	19.62	19.53	21	0	
20	HQAM	50	0	19.57	19.67	19.62			
20	HQAM	50	24	19.57	19.68	19.57			
20	HQAM	50	50	19.56	19.69	19.60			
20	HQAM	100	0	19.56	19.67	19.54			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.67	19.67	19.55	21	0	
15	QPSK	1	37	19.66	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	36	19.41	19.65	19.51			
15	QPSK	36	36	19.50	19.55	19.54	21	0	
15	QPSK	75	0	19.57	19.63	19.52			
15	HQAM	1	0	19.53	19.67	19.54			
15	HQAM	1	37	19.49	19.58	19.36			
15	HQAM	1	74	19.50	19.59	19.50			
15	HQAM	36	0	19.59	19.64	19.65	21	0	
15	HQAM	36	20	19.43	19.62	19.45			
15	HQAM	36	36	19.47	19.65	19.59			
15	HQAM	75	0	19.49	19.62	19.64			
15	HQAM	1	0	19.53	19.58	19.45			
15	HQAM	1	37	19.47	19.61	19.54	21	0	
15	HQAM	1	74	19.51	19.54	19.36			
15	HQAM	36	0	19.43	19.62	19.58			
15	HQAM	36	20	19.47	19.65	19.47			
15	HQAM	36	36	19.59	19.65	19.47			
15	HQAM	75	0	19.47	19.62	19.43	21	0	
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.60	19.72	19.64	21	0	
10	QPSK	1	25	19.42	19.61	19.41			
10	QPSK	25	0	19.56	19.66	19.51			
10	QPSK	25	12	19.59	19.65	19.52			
10	QPSK	25	25	19.52	19.62	19.58			
10	QPSK	50	0	19.62	19.65	19.46	21	0	
10	HQAM	1	0	19.62	19.62	19.53			
10	HQAM	1	25	19.44	19.51	19.36			
10	HQAM	1	49	19.56	19.54	19.45			
10	HQAM	25	0	19.64	19.64	19.54			
10	HQAM	25	12	19.42	19.56	19.54	21	0	
10	HQAM	25	25	19.55	19.67	19.47			
10	HQAM	50	0	19.51	19.67	19.59			
10	HQAM	50	0	19.55	19.58	19.50			
10	HQAM	1	25	19.50	19.62	19.52			
10	HQAM	1	49	19.43	19.53	19.40	21	0	
10	HQAM	36	0	19.52	19.58	19.48			
10	HQAM	25	12	19.43	19.53	19.45			
10	HQAM	25	25	19.54	19.65	19.42			
10	HQAM	50	0	19.50	19.63	19.45			
Channel									
Frequency (MHz)									
5	QPSK	1	0	19.73	19.78	19.72	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	19.64	19.51			
5	QPSK	12	7	19.61	19.64	19.53			
5	QPSK	12	13	19.46	19.60	19.54	21	0	
5	QPSK	26	0	19.50	19.68	19.50			
5	HQAM	1	0	19.59	19.65	19.55			
5	HQAM	1	12	19.51	19.59	19.45			
5	HQAM	1	24	19.55	19.54	19.54			
5	HQAM	12	0	19.62	19.61	19.52	21	0	
5	HQAM	12	7	19.46	19.60	19.44			
5	HQAM	12	13	19.60	19.55	19.51			
5	HQAM	26	0	19.44	19.61	19.49			
5	HQAM	1	1	19.57	19.61	19.47			
5	HQAM	1	12	19.54	19.59	19.59	21	0	
5	HQAM	1	24	19.50	19.53	19.41			
5	HQAM	12	0	19.64	19.62	19.54			
5	HQAM	12	7	19.50	19.61	19.46			
5	HQAM	12	13	19.62	19.55	19.51			
5	HQAM	26	0	19.47	19.58	19.46	21	0	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.71	19.76	19.84	21	0	
20	QPSK	1	49	19.52	19.67	19.54			
20	QPSK	1	99	19.52	19.65	19.51			
20	QPSK	50	0	19.60	19.73	19.64			
20	QPSK	50	24	19.68	19.76	19.64			
20	QPSK	50	50	19.60	19.70	19.64	21	0	
20	HQAM	1	0	19.66	19.76	19.64			
20	HQAM	1	49	19.55	19.63	19.51			
20	HQAM	1	99	19.61	19.64	19.63			
20	HQAM	50	24	19.57	19.68	19.57			
20	HQAM	50	24	19.57	19.68	19.58	21	0	
20	HQAM	50	50	19.56	19.69	19.62			
20	HQAM	100	0	19.56	19.72	19.68			
20	HQAM	1	0	19.62	19.65	19.67			
20	HQAM	1	49	19.56	19.76	19.62			
20	HQAM	1	99	19.55	19.62	19.53	21	0	
20	HQAM	50	0	19.57	19.67	19.62			
20	HQAM	50	24	19.57	19.68	19.57			
20	HQAM	50	50	19.56	19.69	19.60			
20	HQAM	100	0	19.56	19.67	19.54			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.67	19.67	19.55	21	0	
15	QPSK	1	37	19.66	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	36	19.41	19.65	19.51			
15	QPSK	36	36	19.50	19.55	19.54	21	0	
15	QPSK	75	0	19.57	19.63	19.52			
15	HQAM	1	0	19.53	19.67	19.54			
15	HQAM	1	37	19.49	19.58	19.36			
15	HQAM	1	74	19.50	19.59	19.50			
15	HQAM	36	0	19.59	19.64	19.65	21	0	
15	HQAM	36	20	19.43	19.62	19.45			
15	HQAM	36	36	19.47	19.65	19.59			
15	HQAM	75	0	19.49	19.62	19.64			
15	HQAM	1	0	19.53	19.58	19.45			
15	HQAM	1	37	19.47	19.61	19.54	21	0	
15	HQAM	1	74	19.51	19.54	19.36			
15	HQAM	36	0	19.43	19.62	19.58			
15	HQAM	36	20	19.47	19.65	19.47			
15	HQAM	36	36	19.59	19.65	19.47			
15	HQAM	75	0	19.47	19.62	19.43	21	0	
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.60	19.72	19.64	21	0	
10	QPSK	1	25	19.42	19.61	19.41			
10	QPSK	25	0	19.56	19.66	19.51			
10	QPSK	25	12	19.59	19.65	19.52			
10	QPSK	25	25	19.52	19.62	19.58			
10	QPSK	50	0	19.62	19.65	19.46	21	0	
10	HQAM	1	0	19.62	19.62	19.53			
10	HQAM	1	25	19.44	19.51	19.36			
10	HQAM	1	49	19.56	19.54	19.45			
10	HQAM	25	0	19.64	19.64	19.54			
10	HQAM	25	12	19.42	19.56	19.54	21	0	
10	HQAM	25	25	19.55	19.67	19.47			
10	HQAM	50	0	19.51	19.67	19.59			
10	HQAM	50	0	19.55	19.58	19.50			
10	HQAM	1	25	19.50	19.62	19.52			
10	HQAM	1	49	19.43	19.53	19.40	21	0	
10	HQAM	36	0	19.52	19.58	19.48			
10	HQAM	25	12	19.43	19.53	19.45			
10	HQAM	25	25	19.54	19.65	19.42			
10	HQAM	50	0	19.50	19.63	19.45			
Channel									
Frequency (MHz)									
5	QPSK	1	0	19.73	19.78	19.72	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	19.64	19.51			
5	QPSK	12	7	19.61	19.64	19.53			
5	QPSK	12	13	19.46	19.60	19.54	21	0	
5	QPSK	26	0	19.50	19.68	19.50			
5	HQAM	1	0	19.59	19.65	19.55			
5	HQAM	1	12	19.51	19.59	19.45			
5	HQAM	1	24	19.55	19.54	19.54			
5	HQAM	12	0	19.62	19.61	19.52	21	0	
5	HQAM	12	7	19.46	19.60	19.44			
5	HQAM	12	13	19.60	19.55	19.51			
5	HQAM	26	0	19.44	19.61	19.49			
5	HQAM	1	1	19.57	19.61	19.47			
5	HQAM	1	12	19.54	19.59	19.59	21	0	
5	HQAM	1	24	19.50	19.53	19.41			
5	HQAM	12	0	19.64	19.62	19.54			
5	HQAM	12	7	19.50	19.61	19.46			
5	HQAM	12	13	19.62	19.55	19.51			
5	HQAM	26	0	19.47	19.58	19.46	21	0	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.71	19.76	19.84	21	0	
20	QPSK	1	49	19.52	19.67	19.54			
20	QPSK	1	99	19.52	19.65	19.51			
20	QPSK	50	0	19.60	19.73	19.64			
20	QPSK	50	24	19.68	19.76	19.64			
20	QPSK	50	50	19.60	19.70	19.64	21	0	
20	HQAM	1	0	19.66	19.76	19.64			
20	HQAM	1	49	19.55	19.63	19.51			
20	HQAM	1	99	19.61	19.64	19.63			
20	HQAM	50	24	19.57	19.68	19.57			
20	HQAM	50	24	19.57	19.68	19.58	21	0	
20	HQAM	50	50	19.56	19.69	19.62			
20	HQAM	100	0	19.56	19.72	19.68			
20	HQAM	1	0	19.62	19.65	19.67			
20	HQAM	1	49	19.56	19.76	19.62			
20	HQAM	1	99	19.55	19.62				

GSM850 Ant3 DSI7								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	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	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	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	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	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	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	10.49	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)				1860	1880	1900						
20	QPSK	1	0	11.89	11.94	11.82	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	13.5	0				
20	QPSK	50	50	11.78	11.83	11.83						
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	11.78	13.5	0				
20	16QAM	1	99	11.75	11.88	11.77						
20	16QAM	50	0	11.74	11.80	11.68						
20	16QAM	50	24	11.83	11.91	11.69						
20	16QAM	50	50	11.76	11.78	11.81	13.5	0				
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						
20	16QAM	1	99	11.82	11.91	11.77	13.5	0				
20	16QAM	50	0	11.78	11.78	11.71						
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	13.5	0				
Channel												
Frequency (MHz)				1867.5	1890.0	1912.5				Tune-up limit (dBm)	MPR (dB)	
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	36	0	11.65	11.79	11.74						
15	QPSK	36	20	11.65	11.75	11.70	13.5	0				
15	QPSK	36	39	11.64	11.78	11.76						
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	13.5	0				
15	16QAM	1	74	11.62	11.80	11.73						
15	16QAM	36	0	11.65	11.67	11.54						
15	16QAM	36	20	11.73	11.84	11.58						
15	16QAM	36	39	11.64	11.72	11.77	13.5	0				
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						
15	16QAM	1	74	11.72	11.83	11.68	13.5	0				
15	16QAM	36	0	11.69	11.66	11.63						
15	16QAM	36	20	11.62	11.73	11.64						
15	16QAM	36	39	11.64	11.74	11.62						
15	16QAM	75	0	11.67	11.72	11.68	13.5	0				
Channel												
Frequency (MHz)				1855 <td>1880</td> <td>1905</td> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	1880	1905				Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	11.79	11.86	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	13.5	0				
10	QPSK	25	25	11.68	11.68	11.78						
10	QPSK	50	0	11.59	11.70	11.70						
10	16QAM	1	0	11.77	11.76	11.70						
10	16QAM	1	25	11.76	11.81	11.64	13.5	0				
10	16QAM	1	49	11.71	11.74	11.64						
10	16QAM	25	0	11.63	11.76	11.59						
10	16QAM	25	12	11.70	11.86	11.58						
10	16QAM	25	25	11.73	11.72	11.72	13.5	0				
10	16QAM	50	0	11.70	11.69	11.62						
10	16QAM	1	0	11.76	11.75	11.65						
10	16QAM	1	25	11.69	11.70	11.78						
10	16QAM	1	49	11.67	11.88	11.88	13.5	0				
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	13.5	0				
Channel												
Frequency (MHz)				1852.5	1890.0	1917.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	11.75	11.90	11.78	13.5	0				
5	QPSK	1	12	11.70	11.71	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	13.5	0				
5	QPSK	12	13	11.65	11.76	11.70						
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	13.5	0				
5	16QAM	1	24	11.65	11.79	11.62						
5	16QAM	12	0	11.60	11.70	11.60						
5	16QAM	12	7	11.68	11.76	11.65						
5	16QAM	12	13	11.64	11.65	11.69	13.5	0				
5	16QAM	25	0	11.69	11.74	11.69						
5	16QAM	1	0	11.73	11.74	11.66						
5	16QAM	1	12	11.62	11.71	11.66						
5	16QAM	1	24	11.76	11.83	11.73	13.5	0				
5	16QAM	12	0	11.67	11.73	11.62						
5	16QAM	12	7	11.68	11.81	11.64						
5	16QAM	12	13	11.65	11.66	11.61						
5	16QAM	25	0	11.70	11.70	11.73	13.5	0				
Channel												
Frequency (MHz)				1851.5	1880.0	1908.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
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	4	11.63	11.78	11.73	13.5	0				
3	QPSK	8	7	11.63	11.75	11.70						
3	QPSK	15	0	11.60	11.72	11.65						
3	16QAM	1	0	11.69	11.76	11.68						
3	16QAM	1	8	11.73	11.85	11.69	13.5	0				
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						
3	16QAM	8	7	11.66	11.67	11.73	13.5	0				
3	16QAM	15	0	11.61	11.75	11.70						
3	16QAM	1	0	11.69	11.78	11.68						
3	16QAM	1	8	11.65	11.80	11.76						
3	16QAM	1	14	11.78	11.77	11.69	13.5	0				
3	16QAM	8	0	11.64	11.73	11.66						
3	16QAM	8	4	11.59	11.75	11.60						
3	16QAM	8	7	11.63	11.67	11.60						
3	16QAM	15	0	11.71	11.79	11.72	13.5	0				
Channel												
Frequency (MHz)				1850.0 <th>1880.0</th> <th>1909.3<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1880.0	1909.3 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
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	13.5	0				
1.4	QPSK	3	3	11.73	11.77	11.74						
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	3	11.71	11.82	11.64	13.5	0				
1.4	16QAM	1	5	11.70	11.73	11.68						
1.4	16QAM	3	0	11.66	11.73	11.56						
1.4	16QAM	3	1	11.78	11.86	11.65						
1.4	16QAM	3	3	11.61	11.71	11.67	13.5	0				
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	11.67						
1.4	16QAM	1	5	11.69	11.85	11.67	13.5	0				
1.4	16QAM	3	0	11.68	11.69	11.56						
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	13.5	0				

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			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				782				
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	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
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	19.50	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			Tune-up limit (dBm)	MPR (dB)
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		18.38			
10	64QAM	25	12		18.47		20	3
10	64QAM	25	25		18.47			
10	64QAM	50	0		18.35			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
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	22	1
5	16QAM	12	0	19.32	19.30	19.24		
5	16QAM	12	7	19.21	19.28	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	23790	23800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				713	713	711		
10	QPSK	1	0	21.25	21.30	21.28	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	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
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	19.06		
5	16QAM	12	13	19.25	19.04	19.25	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 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	1870	1890			
20	QPSK	1	0	11.90	12.01	11.94			
20	QPSK	1	49	11.89	12.00	11.89	13.5	0	
20	QPSK	1	99	11.80	11.94	11.88			
20	QPSK	50	0	11.87	11.90	11.88			
20	QPSK	50	24	11.78	11.81	11.85	13.5	0	
20	QPSK	50	50	11.82	11.80	11.85			
20	QPSK	100	0	11.81	11.91	11.86			
20	16QAM	1	0	11.82	11.88	11.86	13.5	0	
20	16QAM	1	49	11.87	11.98	11.94			
20	16QAM	1	99	11.84	11.94	11.79			
20	16QAM	50	0	11.74	11.93	11.89			
20	16QAM	50	24	11.90	11.98	11.93	13.5	0	
20	16QAM	50	50	11.83	11.87	11.84			
20	16QAM	100	0	11.91	11.93	11.86			
20	64QAM	1	0	11.86	11.98	11.80			
20	64QAM	1	49	11.78	11.98	11.95	13.5	0	
20	64QAM	1	99	11.76	11.92	11.95			
20	64QAM	50	0	11.86	11.92	11.84			
20	64QAM	50	24	11.84	11.97	11.80	13.5	0	
20	64QAM	50	50	11.92	11.95	11.83			
20	64QAM	100	0	11.80	11.92	11.85			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	11.85	11.97	11.87			
15	QPSK	1	37	11.86	11.94	11.76	13.5	0	
15	QPSK	1	74	11.67	11.88	11.77			
15	QPSK	36	0	11.79	11.85	11.80			
15	QPSK	36	20	11.72	11.73	11.73	13.5	0	
15	QPSK	36	39	11.71	11.66	11.77			
15	QPSK	75	0	11.76	11.88	11.81			
15	16QAM	1	0	11.74	11.74	11.80			
15	16QAM	1	37	11.76	11.93	11.87	13.5	0	
15	16QAM	1	74	11.72	11.90	11.71			
15	16QAM	36	0	11.64	11.86	11.74			
15	16QAM	36	20	11.75	11.90	11.76	13.5	0	
15	16QAM	36	39	11.70	11.82	11.73			
15	16QAM	75	0	11.86	11.90	11.72			
15	64QAM	1	0	11.72	11.89	11.66			
15	64QAM	1	37	11.72	11.92	11.89	13.5	0	
15	64QAM	1	74	11.65	11.87	11.86			
15	64QAM	36	0	11.76	11.80	11.72			
15	64QAM	36	20	11.73	11.91	11.72	13.5	0	
15	64QAM	36	39	11.80	11.87	11.76			
15	64QAM	75	0	11.74	11.83	11.80			
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	11.77	11.90	11.82			
10	QPSK	1	25	11.85	11.86	11.75	13.5	0	
10	QPSK	1	49	11.66	11.90	11.84			
10	QPSK	25	0	11.84	11.85	11.74			
10	QPSK	25	12	11.71	11.78	11.70	13.5	0	
10	QPSK	25	25	11.69	11.68	11.73			
10	QPSK	50	0	11.68	11.80	11.79			
10	16QAM	1	0	11.73	11.79	11.83			
10	16QAM	1	25	11.73	11.95	11.81	13.5	0	
10	16QAM	1	49	11.81	11.87	11.68			
10	16QAM	25	0	11.70	11.86	11.84			
10	16QAM	25	12	11.85	11.93	11.84	13.5	0	
10	16QAM	25	25	11.72	11.75	11.75			
10	16QAM	50	0	11.77	11.87	11.73			
10	64QAM	1	0	11.72	11.86	11.68	13.5	0	
10	64QAM	1	25	11.74	11.85	11.68			
10	64QAM	1	49	11.66	11.78	11.91			
10	64QAM	25	0	11.80	11.81	11.72			
10	64QAM	25	12	11.73	11.92	11.70	13.5	0	
10	64QAM	25	25	11.86	11.91	11.71			
10	64QAM	50	0	11.69	11.82	11.75			
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	11.85	11.97	11.90			
5	QPSK	1	12	11.82	11.95	11.83	13.5	0	
5	QPSK	1	24	11.66	11.85	11.83			
5	QPSK	12	0	11.77	11.87	11.75			
5	QPSK	12	7	11.72	11.77	11.78	13.5	0	
5	QPSK	12	13	11.75	11.75	11.78			
5	QPSK	25	0	11.67	11.85	11.75			
5	16QAM	1	0	11.71	11.80	11.83			
5	16QAM	1	12	11.81	11.88	11.88	13.5	0	
5	16QAM	1	24	11.74	11.79	11.73			
5	16QAM	12	0	11.59	11.89	11.78			
5	16QAM	12	7	11.83	11.86	11.87	13.5	0	
5	16QAM	12	13	11.70	11.73	11.79			
5	16QAM	25	0	11.87	11.85	11.74			
5	64QAM	1	0	11.78	11.84	11.68			
5	64QAM	1	12	11.63	11.91	11.82	13.5	0	
5	64QAM	1	24	11.62	11.89	11.86			
5	64QAM	12	0	11.77	11.79	11.73			
5	64QAM	12	7	11.72	11.90	11.76	13.5	0	
5	64QAM	12	13	11.86	11.81	11.74			
5	64QAM	25	0	11.65	11.84	11.78			
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	11.81	11.91	11.88			
3	QPSK	1	8	11.82	11.90	11.78	13.5	0	
3	QPSK	1	14	11.72	11.89	11.80			
3	QPSK	8	0	11.82	11.82	11.81			
3	QPSK	8	4	11.74	11.70	11.75	13.5	0	
3	QPSK	8	7	11.74	11.71	11.75			
3	QPSK	15	0	11.66	11.83	11.74			
3	16QAM	1	0	11.70	11.78	11.71			
3	16QAM	1	8	11.77	11.87	11.88	13.5	0	
3	16QAM	1	14	11.72	11.88	11.67			
3	16QAM	8	0	11.59	11.88	11.75			
3	16QAM	8	4	11.86	11.87	11.80	13.5	0	
3	16QAM	8	7	11.70	11.81	11.74			
3	16QAM	15	0	11.88	11.82	11.80			
3	64QAM	1	0	11.73	11.84	11.65	13.5	0	
3	64QAM	1	8	11.69	11.87	11.85			
3	64QAM	1	14	11.64	11.82	11.87			
3	64QAM	8	0	11.76	11.89	11.77			
3	64QAM	8	4	11.78	11.88	11.66	13.5	0	
3	64QAM	8	7	11.66	11.85	11.77			
3	64QAM	15	0	11.72	11.82	11.80			
Channel				26047	26340	26593	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	11.84	11.95	11.80			
1.4	QPSK	1	3	11.75	11.86	11.78	13.5	0	
1.4	QPSK	1	5	11.71	11.86	11.77			
1.4	QPSK	3	0	11.80	11.83	11.74			
1.4	QPSK	3	1	11.73	11.72	11.76			
1.4	QPSK	3	3	11.68	11.70	11.73	13.5	0	
1.4	QPSK	6	0	11.69	11.86	11.80			
1.4	16QAM	1	0	11.88	11.85	11.78			
1.4	16QAM	1	3	11.83	11.92	11.80	13.5	0	
1.4	16QAM	1	5	11.71	11.86	11.68			
1.4	16QAM	3	0	11.59	11.79	11.85			
1.4	16QAM	3	1	11.79	11.86	11.83	13.5	0	
1.4	16QAM	3	3	11.71	11.76	11.79			
1.4	16QAM	6	0	11.81	11.87	11.74			
1.4	64QAM	1	0	11.77	11.87	11.76			
1.4	64QAM	1	3	11.67	11.94	11.86	13.5	0	
1.4	64QAM	1	5	11.62	11.80	11.90			
1.4	64QAM	3	0	11.77	11.84	11.70			
1.4	64QAM	3	1	11.73	11.87	11.67			
1.4	64QAM	3	3	11.82	11.87	11.71	13.5	0	
1.4	64QAM	6	0	11.76	11.84	11.75			

Band 26 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.58	21.68	21.61			
15	QPSK	1	37	21.56	21.61	21.66	23	0	
15	QPSK	1	74	21.65	21.54	21.64			
15	QPSK	36	0	20.72	20.76	20.74			
15	QPSK	36	20	20.71	20.67	20.62	22	1	
15	QPSK	36	39	20.69	20.75	20.71			
15	QPSK	75	0	20.66	20.73	20.67			
15	16QAM	1	0	20.81	20.87	20.90			
15	16QAM	1	37	20.75	20.74	20.93	22	1	
15	16QAM	1	74	20.74	20.79	20.82			
15	16QAM	36	0	19.76	19.80	19.98			
15	16QAM	36	20	19.70	19.78	19.62	21	2	
15	16QAM	36	39	19.87	19.77	19.80			
15	16QAM	75	0	19.77	19.80	19.79			
15	64QAM	1	0	19.95	19.88	19.78			
15	64QAM	1	37	19.71	19.76	19.81	21	2	
15	64QAM	1	74	19.82	19.74	19.77			
15	64QAM	36	0	18.91	19.81	19.88			
15	64QAM	36	20	18.66	18.72	18.93	20	3	
15	64QAM	36	39	18.69	18.89	18.79			
15	64QAM	75	0	18.97	18.90	18.91			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.68	21.50	21.66			
10	QPSK	1	25	21.67	21.44	21.63	23	0	
10	QPSK	1	49	21.66	21.51	21.51			
10	QPSK	36	0	20.66	20.64	20.75			
10	QPSK	36	12	20.70	20.62	20.54	22	1	
10	QPSK	25	25	20.67	20.66	20.53			
10	QPSK	50	0	20.59	20.57	20.63			
10	16QAM	1	0	20.83	20.85	20.71			
10	16QAM	1	25	20.73	20.59	20.91	22	1	
10	16QAM	1	49	20.56	20.67	20.80			
10	16QAM	25	0	19.77	19.73	19.77			
10	16QAM	25	12	19.81	19.71	19.58	21	2	
10	16QAM	25	25	19.85	19.68	19.64			
10	16QAM	50	0	19.60	19.69	19.73			
10	64QAM	1	0	19.91	19.77	19.79			
10	64QAM	1	25	19.52	19.55	19.65	21	2	
10	64QAM	1	49	19.71	19.55	19.66			
10	64QAM	25	0	18.91	18.72	18.70			
10	64QAM	25	12	18.86	18.66	18.94	20	3	
10	64QAM	25	25	18.47	18.81	18.82			
10	64QAM	50	0	18.78	18.79	18.92			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.50	21.58	21.61			
5	QPSK	1	12	21.38	21.61	21.49	23	0	
5	QPSK	1	24	21.64	21.47	21.50			
5	QPSK	12	0	20.71	20.57	20.70			
5	QPSK	12	7	20.60	20.55	20.40	22	1	
5	QPSK	12	13	20.53	20.68	20.57			
5	QPSK	25	0	20.54	20.55	20.49			
5	16QAM	1	0	20.82	20.78	20.76			
5	16QAM	1	12	20.59	20.74	20.75	22	1	
5	16QAM	1	24	20.69	20.66	20.62			
5	16QAM	12	0	10.58	19.65	19.96			
5	16QAM	12	7	10.67	19.75	19.63	21	2	
5	16QAM	12	13	19.70	19.59	19.80			
5	16QAM	25	0	19.78	19.68	19.81			
5	64QAM	1	0	19.86	19.68	19.75			
5	64QAM	1	12	19.69	19.74	19.59	21	2	
5	64QAM	1	24	19.77	19.64	19.70			
5	64QAM	12	0	18.73	18.82	18.69			
5	64QAM	12	7	18.62	18.55	18.90	20	3	
5	64QAM	12	13	18.58	18.84	18.60			
5	64QAM	25	0	18.78	18.74	18.88			
Channel				26715	26865	27035	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	21.40	21.40	21.42			
3	QPSK	1	8	21.53	21.58	21.61	23	0	
3	QPSK	1	14	21.63	21.55	21.49			
3	QPSK	8	0	20.54	20.61	20.75			
3	QPSK	8	4	20.70	20.68	20.45	22	1	
3	QPSK	8	7	20.67	20.70	20.52			
3	QPSK	15	0	20.67	20.67	20.51			
3	16QAM	1	0	20.68	20.70	20.80			
3	16QAM	1	8	20.56	20.67	20.92	22	1	
3	16QAM	1	14	20.56	20.69	20.80			
3	16QAM	8	0	19.57	19.79	19.77			
3	16QAM	8	4	19.60	19.77	19.42	21	2	
3	16QAM	8	7	19.81	19.68	19.75			
3	16QAM	15	0	19.64	19.64	19.59			
3	64QAM	1	0	19.75	19.78	19.75			
3	64QAM	1	8	19.50	19.50	19.82	21	2	
3	64QAM	1	14	19.66	19.59	19.75			
3	64QAM	8	0	18.75	18.77	18.77			
3	64QAM	8	4	18.68	18.61	18.85	20	3	
3	64QAM	8	7	18.50	18.75	18.59			
3	64QAM	15	0	18.82	18.79	18.70			
Channel				26697	28655	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.53	21.56	21.47			
1.4	QPSK	1	3	21.38	21.58	21.58	23	0	
1.4	QPSK	1	3	21.43	21.40	21.58			
1.4	QPSK	3	0	21.55	21.63	21.56			
1.4	QPSK	3	1	21.54	21.57	21.51			
1.4	QPSK	3	3	21.48	21.41	21.66			
1.4	QPSK	6	0	20.61	20.63	20.56	22	1	
1.4	16QAM	1	0	20.65	20.65	20.49			
1.4	16QAM	1	3	20.64	20.69	20.51			
1.4	16QAM	1	3	20.47	20.70	20.58	22	1	
1.4	16QAM	3	0	20.64	20.67	20.75			
1.4	16QAM	3	1	20.65	20.67	20.72			
1.4	16QAM	3	1	20.68	20.62	20.80			
1.4	16QAM	6	0	19.72	19.68	19.80	21	2	
1.4	64QAM	1	0	19.60	19.69	19.50			
1.4	64QAM	1	3	19.70	19.68	19.72			
1.4	64QAM	1	5	19.74	19.73	19.72			
1.4	64QAM	3	0	19.88	19.88	19.80	21	2	
1.4	64QAM	3	1	19.49	19.78	19.70			
1.4	64QAM	3	3	19.80	19.53	19.78			
1.4	64QAM	6	0	18.82	18.66	18.59	20	3	

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	683	686		
20	QPSK	1	0	21.38	21.43	21.36	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	20.35	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 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	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	19.11	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	20	3
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 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		
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	18.39	18.33	19.31		
10	64QAM	1	25	19.36	19.42	19.47	20	3
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 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		
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 DSI3

GSM850 Ant0 DSI3								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot	29.20	29.22	29.12	30.50	20.20	20.22	20.12	21.50
GPRS 1 Tx slot	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	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
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

		WCDMA II Ant0 DSI3				WCDMA IV Ant0 DSI3				WCDMA V Ant0 DSI3			
Band		WCDMA II				WCDMA IV				WCDMA V			
TX Channel		9262	9400	9536	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		9682	9800	9938		1512	1637	1738		4367	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		172.4	172.6	175.2		420.4	430.4	440.6	
3GPP Rel 99	AMR 12.2Kbps	14.70	14.87	14.91	16.00	14.87	14.78	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	14.76	14.79	14.54	16.00	20.88	20.95	20.90	22.00
3GPP Rel 6	HS-DPA Subtest-1	13.85	13.84	13.62	15.00	13.78	13.81	13.55	15.00	19.66	19.71	19.62	21.00
3GPP Rel 6	HS-DPA Subtest-2	13.63	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	HS-DPA 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	HS-DPA 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 8	DC-HSDPA Subtest-1	13.60	13.78	13.71	15.00	13.58	13.66	13.48	15.00	19.74	19.75	19.70	21.00
3GPP Rel 8	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 8	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 8	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	HS-PA 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	HS-PA 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	HS-PA 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	HS-PA Subtest-4	11.68	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	HS-PA Subtest-5	13.61	13.61	13.64	15.00	13.40	13.46	13.66	15.00	19.56	19.60	19.62	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.28	11.29	11.43	12.50	11.15	11.24	11.36	12.50	17.19	17.26	17.44	18.50

Band 2 Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	14.32	14.42	14.34	16	0				
20	QPSK	1	49	14.17	14.32	14.28						
20	QPSK	1	99	14.14	14.36	14.22						
20	QPSK	50	0	14.29	14.38	14.34						
20	QPSK	50	24	14.24	14.35	14.24	16	0				
20	QPSK	50	50	14.27	14.33	14.24						
20	QPSK	100	0	14.23	14.32	14.29						
20	16QAM	1	0	14.25	14.36	14.25						
20	16QAM	1	49	14.31	14.35	14.25	16	0				
20	16QAM	1	99	14.22	14.34	14.26						
20	16QAM	50	0	14.20	14.34	14.27						
20	16QAM	50	24	14.32	14.37	14.26						
20	16QAM	50	50	14.28	14.38	14.29	16	0				
20	16QAM	100	0	14.21	14.31	14.17						
20	64QAM	1	0	14.25	14.32	14.23						
20	64QAM	1	49	14.27	14.39	14.31	16	0				
20	64QAM	1	99	14.32	14.36	14.30						
20	64QAM	50	0	14.21	14.32	14.23						
20	64QAM	50	24	14.32	14.37	14.28						
20	64QAM	50	50	14.32	14.39	14.24	16	0				
20	64QAM	100	0	14.31	14.34	14.22						
Channel												
Frequency (MHz)												
15	QPSK	1	0	14.18	14.32	14.28	16	0				
15	QPSK	1	37	14.14	14.21	14.22						
15	QPSK	1	74	14.12	14.23	14.08						
15	QPSK	36	0	14.26	14.25	14.24						
15	QPSK	36	20	14.19	14.25	14.21	16	0				
15	QPSK	36	39	14.12	14.25	14.21						
15	QPSK	75	0	14.14	14.20	14.22						
15	16QAM	1	0	14.21	14.26	14.21						
15	16QAM	1	37	14.17	14.31	14.11	16	0				
15	16QAM	1	74	14.07	14.23	14.17						
15	16QAM	36	0	14.06	14.28	14.17						
15	16QAM	36	20	14.22	14.26	14.14						
15	16QAM	36	39	14.15	14.25	14.25	16	0				
15	16QAM	75	0	14.13	14.16	14.09						
15	64QAM	1	0	14.18	14.21	14.11						
15	64QAM	1	37	14.23	14.30	14.25	16	0				
15	64QAM	1	74	14.22	14.24	14.24						
15	64QAM	36	0	14.18	14.24	14.18						
15	64QAM	36	20	14.29	14.28	14.24						
15	64QAM	36	39	14.22	14.24	14.17	16	0				
15	64QAM	75	0	14.18	14.23	14.09						
Channel												
Frequency (MHz)												
10	QPSK	1	0	14.22	14.39	14.29	16	0				
10	QPSK	1	25	14.13	14.23	14.19						
10	QPSK	1	49	14.11	14.32	14.18						
10	QPSK	25	0	14.20	14.25	14.24						
10	QPSK	25	12	14.16	14.23	14.19	16	0				
10	QPSK	25	25	14.24	14.22	14.18						
10	QPSK	50	0	14.08	14.24	14.18						
10	16QAM	1	0	14.20	14.25	14.20						
10	16QAM	1	25	14.24	14.26	14.18	16	0				
10	16QAM	1	49	14.15	14.28	14.15						
10	16QAM	25	0	14.06	14.22	14.22						
10	16QAM	25	12	14.22	14.23	14.13						
10	16QAM	25	25	14.20	14.28	14.22	16	0				
10	16QAM	50	0	14.09	14.20	14.10						
10	64QAM	1	0	14.16	14.25	14.13						
10	64QAM	1	25	14.17	14.26	14.20						
10	64QAM	1	49	14.28	14.26	14.24	16	0				
10	64QAM	25	0	14.17	14.22	14.13						
10	64QAM	25	12	14.27	14.30	14.16						
10	64QAM	25	25	14.19	14.30	14.20						
10	64QAM	50	0	14.25	14.24	14.08	16	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	14.28	14.38	14.24	16	0				
5	QPSK	1	12	14.22	14.25	14.23						
5	QPSK	1	24	14.16	14.33	14.14						
5	QPSK	12	0	14.20	14.27	14.23						
5	QPSK	12	7	14.10	14.31	14.21	16	0				
5	QPSK	12	13	14.23	14.21	14.16						
5	QPSK	25	0	14.12	14.21	14.25						
5	16QAM	1	0	14.11	14.26	14.20						
5	16QAM	1	12	14.19	14.31	14.12	16	0				
5	16QAM	1	24	14.09	14.27	14.18						
5	16QAM	12	0	14.08	14.20	14.13						
5	16QAM	12	7	14.29	14.31	14.21						
5	16QAM	12	13	14.17	14.31	14.17	16	0				
5	16QAM	25	0	14.18	14.23	14.10						
5	64QAM	1	0	14.13	14.21	14.10						
5	64QAM	1	12	14.15	14.35	14.24						
5	64QAM	1	24	14.25	14.26	14.24	16	0				
5	64QAM	12	0	14.11	14.26	14.12						
5	64QAM	12	7	14.18	14.20	14.15						
5	64QAM	12	13	14.18	14.25	14.18						
5	64QAM	25	0	14.25	14.24	14.09	16	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	14.27	14.38	14.21	16	0				
3	QPSK	1	8	14.06	14.22	14.24						
3	QPSK	1	14	14.19	14.30	14.19						
3	QPSK	8	0	14.24	14.26	14.22						
3	QPSK	8	4	14.14	14.32	14.17	16	0				
3	QPSK	8	7	14.13	14.24	14.20						
3	QPSK	15	0	14.13	14.21	14.25						
3	16QAM	1	0	14.12	14.27	14.21						
3	16QAM	1	8	14.23	14.25	14.17	16	0				
3	16QAM	1	14	14.13	14.26	14.19						
3	16QAM	8	0	14.17	14.30	14.17						
3	16QAM	8	4	14.17	14.30	14.12						
3	16QAM	8	7	14.23	14.23	14.21	16	0				
3	16QAM	15	0	14.11	14.26	14.09						
3	64QAM	1	0	14.17	14.25	14.18						
3	64QAM	1	8	14.24	14.34	14.18						
3	64QAM	1	14	14.20	14.22	14.18	16	0				
3	64QAM	8	0	14.18	14.18	14.11						
3	64QAM	8	4	14.22	14.29	14.15						
3	64QAM	8	7	14.25	14.36	14.20						
3	64QAM	15	0	14.26	14.28	14.14	16	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	14.19	14.31	14.22	16	0				
1.4	QPSK	1	3	14.06	14.28	14.17						
1.4	QPSK	1	5	14.14	14.23	14.10						
1.4	QPSK	3	0	14.23	14.32	14.31						
1.4	QPSK	3	1	14.21	14.31	14.17	16	0				
1.4	QPSK	3	3	14.24	14.20	14.15						
1.4	QPSK	6	0	14.10	14.19	14.20						
1.4	16QAM	1	0	14.14	14.32	14.12						
1.4	16QAM	1	5	14.26	14.31	14.16	16	0				
1.4	16QAM	1	3	14.17	14.26	14.12						
1.4	16QAM	3	0	14.14	14.21	14.18						
1.4	16QAM	3	1	14.18	14.25	14.19						
1.4	16QAM	3	3	14.25	14.29	14.20	16	0				

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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.35	22.39	22.32			
10	QPSK	1	25	22.21	22.29	22.13			
10	QPSK	1	49	22.23	22.27	22.30	23	1	
10	QPSK	25	0	21.43	21.47	21.40			
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			
10	16QAM	25	0	20.51	20.82	20.61	22	2	
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38			
10	16QAM	50	0	20.39	20.34	20.37			
10	64QAM	1	0	20.61	20.42	20.53	22	2	
10	64QAM	1	25	20.26	20.41	20.47			
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				23035	23095	23155	24	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.18	22.34	22.31			
5	QPSK	1	12	22.17	22.23	22.07			
5	QPSK	1	24	22.07	22.15	22.23	23	1	
5	QPSK	12	0	21.41	21.38	21.23			
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			
5	16QAM	12	0	20.40	20.44	20.51	22	2	
5	16QAM	12	7	20.38	20.41	20.29			
5	16QAM	12	13	20.43	20.40	20.25			
5	16QAM	25	0	20.31	20.33	20.18			
5	64QAM	1	0	20.59	20.26	20.46	22	2	
5	64QAM	1	12	20.25	20.34	20.28			
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	24	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.34	22.25	22.14			
3	QPSK	1	8	22.16	22.11	22.00			
3	QPSK	1	14	22.19	22.27	22.24	23	1	
3	QPSK	8	0	21.42	21.34	21.34			
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			
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			
3	64QAM	1	0	20.46	20.26	20.51	22	2	
3	64QAM	1	8	20.08	20.24	20.38			
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				23017	23095	23173	24	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.18	22.29	22.23			
1.4	QPSK	1	3	22.11	22.09	22.01			
1.4	QPSK	1	5	22.11	22.26	22.26	23	1	
1.4	QPSK	3	0	22.31	22.32	22.13			
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			
1.4	16QAM	3	0	21.40	21.12	21.27	22	2	
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36			
1.4	16QAM	6	0	20.45	20.57	20.56			
1.4	64QAM	1	0	20.24	20.37	20.21	22	2	
1.4	64QAM	1	3	20.54	20.43	20.38			
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	1	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				23200	23230		23.5	0	
Frequency (MHz)				717	719				
10	QPSK	1	0		21.91				
10	QPSK	1	25		21.84				
10	QPSK	1	49		21.78		23	0.5	
10	QPSK	25	0		21.40				
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		21.30				
10	16QAM	25	0		20.32		22	1.5	
10	16QAM	25	12		20.39				
10	16QAM	25	25		20.28				
10	16QAM	50	0		20.31				
10	64QAM	1	0		20.36		22	1.5	
10	64QAM	1	25		20.31				
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				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5	23.5	0	
5	QPSK	1	0	21.81	21.87	21.76			
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			
5	16QAM	1	0	21.24	21.28	21.23	23	0.5	
5	16QAM	1	12	21.19	21.24	21.25			
5	16QAM	1	24	21.26	21.15	21.20			
5	16QAM	12	0	20.27	20.18	20.24			
5	16QAM	12	7	20.33	20.27	20.26	22	1.5	
5	16QAM	12	13	20.17	20.22	20.17			
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	19.28	19.16	19.13			
5	64QAM	12	13	19.14	19.18	19.24	21	2.5	
5	64QAM	25	0	19.28	19.27	19.25			

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				23780	23790	23800			
Frequency (MHz)				710	710	711			
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		23	1
10	16QAM	1	25	21.27	21.36	21.54			
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			
10	16QAM	25	25	20.38	20.45	20.38		22	2
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				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
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	21.31	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	21.45		23	1
5	16QAM	1	12	21.24	21.18	21.36			
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		22	2
5	64QAM	1	12	20.11	20.19	20.22			
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	19.36	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				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	14.46	14.54	14.40			
20	QPSK	1	49	14.41	14.46	14.42	16	0	
20	QPSK	1	99	14.37	14.45	14.39			
20	QPSK	50	0	14.46	14.50	14.40			
20	QPSK	50	24	14.32	14.39	14.34	16	0	
20	QPSK	50	50	14.30	14.44	14.32			
20	QPSK	100	0	14.39	14.43	14.38			
20	16QAM	1	0	14.37	14.45	14.38			
20	16QAM	1	49	14.26	14.40	14.28	16	0	
20	16QAM	1	99	14.31	14.41	14.33			
20	16QAM	50	0	14.31	14.42	14.30			
20	16QAM	50	24	14.30	14.43	14.30	16	0	
20	16QAM	50	50	14.40	14.45	14.34			
20	16QAM	100	0	14.33	14.44	14.38			
20	64QAM	1	0	14.34	14.40	14.32			
20	64QAM	1	49	14.36	14.40	14.26	16	0	
20	64QAM	1	99	14.36	14.48	14.38			
20	64QAM	50	0	14.25	14.39	14.26			
20	64QAM	50	24	14.38	14.41	14.29	16	0	
20	64QAM	50	50	14.30	14.42	14.36			
20	64QAM	100	0	14.40	14.48	14.34			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	14.33	14.51	14.31			
15	QPSK	1	37	14.28	14.33	14.36	16	0	
15	QPSK	1	74	14.26	14.36	14.28			
15	QPSK	36	0	14.34	14.42	14.30			
15	QPSK	36	20	14.22	14.34	14.22	16	0	
15	QPSK	36	39	14.25	14.29	14.18			
15	QPSK	75	0	14.26	14.38	14.31			
15	16QAM	1	0	14.33	14.31	14.31	16	0	
15	16QAM	1	37	14.12	14.25	14.17			
15	16QAM	1	74	14.21	14.37	14.28			
15	16QAM	36	0	14.26	14.35	14.23			
15	16QAM	36	20	14.20	14.30	14.16	16	0	
15	16QAM	36	39	14.36	14.41	14.22			
15	16QAM	75	0	14.28	14.37	14.27			
15	64QAM	1	0	14.28	14.36	14.20			
15	64QAM	1	37	14.28	14.35	14.19	16	0	
15	64QAM	1	74	14.31	14.45	14.29			
15	64QAM	36	0	14.11	14.30	14.20			
15	64QAM	36	20	14.34	14.27	14.20	16	0	
15	64QAM	36	39	14.22	14.37	14.26			
15	64QAM	75	0	14.32	14.38	14.27			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	14.41	14.49	14.36			
10	QPSK	1	25	14.28	14.41	14.38	16	0	
10	QPSK	1	49	14.22	14.42	14.27			
10	QPSK	25	0	14.42	14.42	14.27			
10	QPSK	25	12	14.26	14.33	14.21	16	0	
10	QPSK	25	25	14.18	14.40	14.28			
10	QPSK	50	0	14.27	14.35	14.35			
10	16QAM	1	0	14.26	14.35	14.33	16	0	
10	16QAM	1	25	14.16	14.36	14.23			
10	16QAM	1	49	14.23	14.30	14.19			
10	16QAM	25	0	14.20	14.37	14.19			
10	16QAM	25	12	14.21	14.34	14.17	16	0	
10	16QAM	25	25	14.29	14.35	14.22			
10	16QAM	50	0	14.19	14.38	14.33			
10	64QAM	1	0	14.26	14.31	14.19	16	0	
10	64QAM	1	25	14.27	14.36	14.13			
10	64QAM	1	49	14.23	14.34	14.26			
10	64QAM	25	0	14.14	14.35	14.16			
10	64QAM	25	12	14.28	14.36	14.17	16	0	
10	64QAM	25	25	14.27	14.38	14.22			
10	64QAM	50	0	14.29	14.40	14.22			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1892.5	1880	1912.5			
5	QPSK	1	0	14.33	14.44	14.36			
5	QPSK	1	12	14.36	14.36	14.29	16	0	
5	QPSK	1	24	14.29	14.31	14.36			
5	QPSK	12	0	14.33	14.43	14.36			
5	QPSK	12	7	14.21	14.32	14.20	16	0	
5	QPSK	12	13	14.15	14.35	14.27			
5	QPSK	25	0	14.26	14.31	14.25			
5	16QAM	1	0	14.26	14.40	14.27			
5	16QAM	1	12	14.15	14.37	14.24	16	0	
5	16QAM	1	24	14.23	14.31	14.27			
5	16QAM	12	0	14.18	14.34	14.16			
5	16QAM	12	7	14.24	14.32	14.23	16	0	
5	16QAM	12	13	14.36	14.31	14.24			
5	16QAM	25	0	14.18	14.40	14.26			
5	64QAM	1	0	14.31	14.28	14.17			
5	64QAM	1	12	14.23	14.29	14.19	16	0	
5	64QAM	1	24	14.27	14.34	14.30			
5	64QAM	12	0	14.10	14.29	14.15			
5	64QAM	12	7	14.30	14.28	14.25	16	0	
5	64QAM	12	13	14.26	14.28	14.25			
5	64QAM	25	0	14.31	14.42	14.22			
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1891.5	1880	1913.5			
3	QPSK	1	0	14.40	14.48	14.29			
3	QPSK	1	8	14.27	14.36	14.31	16	0	
3	QPSK	1	14	14.32	14.37	14.31			
3	QPSK	8	0	14.32	14.46	14.29			
3	QPSK	8	4	14.17	14.32	14.24	16	0	
3	QPSK	8	7	14.19	14.27	14.21			
3	QPSK	15	0	14.34	14.34	14.30			
3	16QAM	1	0	14.32	14.33	14.34			
3	16QAM	1	8	14.21	14.33	14.17	16	0	
3	16QAM	1	14	14.17	14.30	14.29			
3	16QAM	8	0	14.21	14.35	14.26			
3	16QAM	8	4	14.18	14.31	14.26	16	0	
3	16QAM	8	7	14.26	14.40	14.27			
3	16QAM	15	0	14.22	14.36	14.25			
3	64QAM	1	0	14.27	14.31	14.20			
3	64QAM	1	8	14.25	14.28	14.21	16	0	
3	64QAM	1	14	14.33	14.41	14.26			
3	64QAM	8	0	14.17	14.27	14.13			
3	64QAM	8	4	14.31	14.34	14.15	16	0	
3	64QAM	8	7	14.17	14.33	14.23			
3	64QAM	15	0	14.30	14.38	14.20			
Channel				26047	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1890.7	1880	1914.3			
1.4	QPSK	1	0	14.32	14.46	14.33			
1.4	QPSK	1	3	14.34	14.34	14.33	16	0	
1.4	QPSK	1	5	14.23	14.32	14.29			
1.4	QPSK	3	0	14.39	14.42	14.32			
1.4	QPSK	3	1	14.27	14.34	14.28			
1.4	QPSK	3	3	14.16	14.36	14.23			
1.4	QPSK	6	0	14.28	14.35	14.31			
1.4	16QAM	1	0	14.24	14.30	14.31			
1.4	16QAM	1	1	14.21	14.30	14.21	16	0	
1.4	16QAM	1	5	14.20	14.38	14.28			
1.4	16QAM	3	0	14.22	14.28	14.24			
1.4	16QAM	3	1	14.25	14.32	14.16			
1.4	16QAM	3	3	14.32	14.31	14.24			
1.4	16QAM	6	0	14.25	14.39	14.25	16	0	
1.4	64QAM	1	0	14.29	14.31	14.14			
1.4	64QAM	1	3	14.31	14.29	14.24			
1.4	64QAM	1	5	14.32	14.39	14.25			
1.4	64QAM	3	0	14.12	14.25	14.17	16	0	
1.4	64QAM	3	1	14.29	14.34	14.31			
1.4	64QAM	3	3	14.24	14.34	14.31			
1.4	64QAM	6	0	14.36	14.44	14.26	16	0	

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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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	13.83	13.88	13.77	15.5	0	
20	QPSK	1	49	13.70	13.80	13.74			
20	QPSK	1	99	13.75	13.79	13.70			
20	QPSK	50	0	13.80	13.84	13.72			
20	QPSK	50	24	13.69	13.81	13.71	15.5	0	
20	QPSK	50	50	13.76	13.82	13.77			
20	QPSK	100	0	13.66	13.73	13.70			
20	16QAM	1	0	13.80	13.84	13.69			
20	16QAM	1	49	13.73	13.80	13.67	15.5	0	
20	16QAM	1	99	13.66	13.76	13.72			
20	16QAM	50	0	13.70	13.80	13.72			
20	16QAM	50	24	13.67	13.82	13.69			
20	16QAM	50	50	13.66	13.76	13.67	15.5	0	
20	16QAM	100	0	13.67	13.76	13.66			
20	64QAM	1	0	13.66	13.76	13.69			
20	64QAM	1	49	13.66	13.74	13.68			
20	64QAM	1	99	13.65	13.76	13.68	15.5	0	
20	64QAM	50	0	13.66	13.78	13.72			
20	64QAM	50	24	13.69	13.72	13.70			
20	64QAM	50	50	13.64	13.71	13.68			
20	64QAM	100	0	13.72	13.79	13.70			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	13.74	13.80	13.67	15.5	0	
15	QPSK	1	37	13.64	13.76	13.60			
15	QPSK	1	74	13.69	13.71	13.62			
15	QPSK	36	0	13.73	13.79	13.68			
15	QPSK	36	20	13.60	13.71	13.64	15.5	0	
15	QPSK	36	39	13.67	13.69	13.63			
15	QPSK	75	0	13.62	13.61	13.62			
15	16QAM	1	0	13.69	13.80	13.62			
15	16QAM	1	37	13.65	13.76	13.61	15.5	0	
15	16QAM	1	74	13.66	13.65	13.59			
15	16QAM	36	0	13.62	13.66	13.69			
15	16QAM	36	20	13.62	13.77	13.55			
15	16QAM	36	39	13.62	13.64	13.62	15.5	0	
15	16QAM	75	0	13.53	13.71	13.56			
15	64QAM	1	0	13.52	13.63	13.61			
15	64QAM	1	37	13.57	13.65	13.63			
15	64QAM	1	74	13.51	13.66	13.54	15.5	0	
15	64QAM	36	0	13.60	13.68	13.67			
15	64QAM	36	20	13.55	13.68	13.55			
15	64QAM	36	39	13.60	13.58	13.53			
15	64QAM	75	0	13.65	13.73	13.61			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	13.79	13.78	13.71	15.5	0	
10	QPSK	1	25	13.58	13.76	13.65			
10	QPSK	1	49	13.69	13.68	13.61			
10	QPSK	25	0	13.72	13.81	13.67			
10	QPSK	25	12	13.56	13.77	13.63	15.5	0	
10	QPSK	25	25	13.70	13.72	13.68			
10	QPSK	50	0	13.58	13.68	13.60			
10	16QAM	1	0	13.69	13.78	13.59			
10	16QAM	1	25	13.65	13.68	13.64	15.5	0	
10	16QAM	1	49	13.58	13.67	13.67			
10	16QAM	25	0	13.59	13.68	13.68			
10	16QAM	25	12	13.60	13.78	13.65			
10	16QAM	25	25	13.58	13.61	13.54	15.5	0	
10	16QAM	50	0	13.63	13.65	13.62			
10	64QAM	1	0	13.53	13.63	13.63			
10	64QAM	1	25	13.55	13.64	13.64			
10	64QAM	1	49	13.56	13.69	13.54	15.5	0	
10	64QAM	25	0	13.57	13.67	13.63			
10	64QAM	25	12	13.56	13.59	13.65			
10	64QAM	25	25	13.58	13.64	13.59			
10	64QAM	50	0	13.63	13.66	13.58			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	13.70	13.80	13.73	15.5	0	
5	QPSK	1	12	13.58	13.66	13.66			
5	QPSK	1	24	13.65	13.65	13.55			
5	QPSK	12	0	13.73	13.72	13.65			
5	QPSK	12	7	13.60	13.78	13.59	15.5	0	
5	QPSK	12	13	13.70	13.72	13.71			
5	QPSK	25	0	13.60	13.66	13.57			
5	16QAM	1	0	13.68	13.69	13.59			
5	16QAM	1	12	13.68	13.76	13.62	15.5	0	
5	16QAM	1	24	13.53	13.69	13.68			
5	16QAM	12	0	13.63	13.68	13.66			
5	16QAM	12	7	13.55	13.77	13.64			
5	16QAM	12	13	13.51	13.67	13.56	15.5	0	
5	16QAM	25	0	13.61	13.67	13.56			
5	64QAM	1	0	13.56	13.66	13.56			
5	64QAM	1	12	13.60	13.69	13.62			
5	64QAM	1	24	13.51	13.67	13.58	15.5	0	
5	64QAM	12	0	13.55	13.68	13.66			
5	64QAM	12	7	13.62	13.64	13.57			
5	64QAM	12	13	13.57	13.62	13.56			
5	64QAM	25	0	13.67	13.68	13.58			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	13.78	13.78	13.72	15.5	0	
3	QPSK	1	8	13.57	13.65	13.61			
3	QPSK	1	14	13.70	13.72	13.62			
3	QPSK	8	0	13.74	13.79	13.68			
3	QPSK	8	4	13.60	13.74	13.61	15.5	0	
3	QPSK	8	7	13.66	13.70	13.71			
3	QPSK	15	0	13.52	13.68	13.64			
3	16QAM	1	0	13.73	13.71	13.56			
3	16QAM	1	8	13.59	13.75	13.55	15.5	0	
3	16QAM	1	14	13.55	13.66	13.64			
3	16QAM	8	0	13.66	13.72	13.68			
3	16QAM	8	4	13.58	13.78	13.55			
3	16QAM	8	7	13.55	13.65	13.59	15.5	0	
3	16QAM	15	0	13.56	13.63	13.59			
3	64QAM	1	0	13.52	13.69	13.58			
3	64QAM	1	8	13.61	13.62	13.56			
3	64QAM	1	14	13.57	13.70	13.64	15.5	0	
3	64QAM	8	0	13.58	13.66	13.58			
3	64QAM	8	4	13.58	13.65	13.57			
3	64QAM	8	7	13.57	13.66	13.59			
3	64QAM	15	0	13.59	13.75	13.62			
Channel				131973	132322	132663	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	13.78	13.85	13.64	15.5	0	
1.4	QPSK	1	3	13.56	13.67	13.60			
1.4	QPSK	1	5	13.67	13.68	13.66			
1.4	QPSK	3	0	13.70	13.70	13.68			
1.4	QPSK	3	1	13.57	13.74	13.61			
1.4	QPSK	3	3	13.62	13.78	13.64			
1.4	QPSK	6	0	13.55	13.69	13.58	15.5	0	
1.4	16QAM	1	0	13.66	13.78	13.57			
1.4	16QAM	1	3	13.64	13.74	13.52			
1.4	16QAM	1	5	13.62	13.72	13.63			
1.4	16QAM	3	0	13.57	13.69	13.62			
1.4	16QAM	3	1	13.55	13.71	13.63			
1.4	16QAM	3	3	13.54	13.69	13.64	15.5	0	
1.4	16QAM	6	0	13.58	13.63	13.57			
1.4	64QAM	1	0	13.61	13.68	13.63			
1.4	64QAM	1	3	13.52	13.66	13.55			
1.4	64QAM	1	5	13.53	13.66	13.63			
1.4	64QAM	3	0	13.56	13.69	13.62			
1.4	64QAM	3	1	13.60	13.69	13.60	15.5	0	
1.4	64QAM	3	3	13.51	13.65	13.64			
1.4	64QAM	6	0	13.63	13.67	13.60	15.5	0	

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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				20850	21100	21350	20.5	0
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	QPSK	50	24	19.05	19.09	18.96	20.5	0
20	QPSK	50	50	18.97	19.03	18.98		
20	QPSK	100	0	19.03	19.11	19.05		
20	16QAM	1	0	18.98	19.05	18.90		
20	16QAM	1	49	19.00	19.14	19.11	20.5	0
20	16QAM	1	99	19.04	19.10	19.02		
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	19.00	19.11	19.00		
20	64QAM	1	49	19.10	19.14	19.02		
20	64QAM	1	99	18.95	19.05	18.92	20.5	0
20	64QAM	50	0	18.96	19.02	18.89		
20	64QAM	50	24	18.92	19.06	18.97		
20	64QAM	50	50	19.01	19.05	18.90		
20	64QAM	100	0	18.92	19.07	18.94	20.5	0
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
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		
15	QPSK	36	20	18.97	18.96	18.82	20.5	0
15	QPSK	36	39	18.92	18.99	18.89		
15	QPSK	75	0	18.96	18.99	18.86		
15	16QAM	1	0	18.94	18.98	18.84		
15	16QAM	1	37	18.91	19.04	19.08	20.5	0
15	16QAM	1	74	18.91	18.99	18.92		
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		
15	64QAM	1	74	18.81	18.93	18.89	20.5	0
15	64QAM	36	0	18.84	18.92	18.85		
15	64QAM	36	20	18.78	18.96	18.82		
15	64QAM	36	39	18.93	18.93	18.75		
15	64QAM	75	0	18.86	18.93	18.86	20.5	0
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
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		
10	QPSK	25	12	19.09	19.01	18.90	20.5	0
10	QPSK	25	25	18.87	18.98	18.90		
10	QPSK	50	0	18.92	19.01	18.97		
10	16QAM	1	0	18.90	19.02	18.78		
10	16QAM	1	25	18.93	19.07	18.97	20.5	0
10	16QAM	1	49	18.94	18.99	18.92		
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		
10	64QAM	1	49	18.89	18.94	18.83	20.5	0
10	64QAM	25	0	18.88	18.89	18.81		
10	64QAM	25	12	18.79	18.94	18.83		
10	64QAM	25	25	18.89	18.94	18.78		
10	64QAM	50	0	18.85	18.99	18.86	20.5	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
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		
5	QPSK	12	7	19.02	19.01	18.93	20.5	0
5	QPSK	12	13	18.87	18.93	18.89		
5	QPSK	25	0	18.90	19.01	18.93		
5	16QAM	1	0	18.95	18.94	18.76		
5	16QAM	1	12	18.87	19.09	19.07	20.5	0
5	16QAM	1	24	18.99	19.05	18.92		
5	16QAM	12	0	18.83	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		
5	64QAM	1	24	18.82	18.96	18.77	20.5	0
5	64QAM	12	0	18.92	18.91	18.83		
5	64QAM	12	7	18.80	18.96	18.92		
5	64QAM	12	13	18.94	18.91	18.83		
5	64QAM	25	0	18.77	18.98	18.80	20.5	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)

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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				27710				
Frequency (MHz)				2310				
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			
10	QPSK	25	12		20.57		22	0
10	QPSK	25	25		20.60			
10	QPSK	50	0		20.55			
10	16QAM	1	0		20.62			
10	16QAM	1	25		20.52		22	0
10	16QAM	1	49		20.62			
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	Tune-up limit (dBm)	MPR (dB)
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		
5	QPSK	12	7	20.46	20.54	20.51	22	0
5	QPSK	12	13	20.53	20.48	20.46		
5	QPSK	25	0	20.48	20.41	20.45		
5	16QAM	1	0	20.50	20.57	20.54		
5	16QAM	1	12	20.40	20.36	20.40	22	0
5	16QAM	1	24	20.52	20.57	20.55		
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		
5	64QAM	1	24	20.51	20.43	20.43	22	0
5	64QAM	12	0	19.57	19.61	19.59		
5	64QAM	12	7	19.67	19.59	19.58		
5	64QAM	12	13	19.72	19.66	19.59		
5	64QAM	25	0	19.47	19.59	19.58	21	1
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)



Band 38 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq [dBm]	Power Mid Ch / Freq [dBm]	Power High Ch / Freq [dBm]	Turn-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	37.60	39.06	39.10	21	0	0
20	QPSK	1	49	19.52	19.67	19.54			
20	QPSK	1	99	19.52	19.65	19.61			
20	QPSK	50	0	19.60	19.70	19.64			
20	QPSK	50	24	19.60	19.70	19.64	21	0	0
20	QPSK	50	50	19.60	19.70	19.64			
20	16QAM	1	0	19.66	19.76	19.64			
20	16QAM	1	49	19.55	19.63	19.51			
20	16QAM	1	99	19.61	19.64	19.61	21	0	0
20	16QAM	50	24	19.57	19.68	19.58			
20	16QAM	50	50	19.57	19.68	19.62			
20	16QAM	100	0	19.58	19.72	19.68			
20	16QAM	100	0	19.58	19.76	19.68	21	0	0
20	16QAM	1	0	19.62	19.66	19.57			
20	16QAM	1	99	19.55	19.62	19.51			
20	16QAM	50	24	19.57	19.68	19.57			
20	16QAM	50	50	19.56	19.69	19.56	21	0	0
20	16QAM	100	0	19.56	19.67	19.54			
Channel									
Frequency (MHz)									
15	QPSK	1	0	37.65	39.09	39.15	21	0	0
15	QPSK	1	37	19.38	19.57	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	36	19.41	19.63	19.51	21	0	0
15	QPSK	36	36	19.50	19.55	19.54			
15	QPSK	75	0	19.57	19.63	19.52			
15	16QAM	1	0	19.53	19.67	19.54			
15	16QAM	1	37	19.49	19.58	19.36	21	0	0
15	16QAM	1	74	19.50	19.59	19.50			
15	16QAM	36	0	19.59	19.64	19.61			
15	16QAM	36	20	19.43	19.62	19.45			
15	16QAM	75	0	19.49	19.62	19.54	21	0	0
15	16QAM	75	0	19.49	19.62	19.64			
15	16QAM	1	0	19.53	19.58	19.45			
15	16QAM	1	37	19.53	19.67	19.54			
15	16QAM	1	74	19.51	19.54	19.36	21	0	0
15	16QAM	36	0	19.43	19.62	19.58			
15	16QAM	36	20	19.47	19.65	19.47			
15	16QAM	36	36	19.59	19.65	19.47			
15	16QAM	75	0	19.47	19.62	19.43	21	0	0
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.60	19.72	19.64	21	0	0
10	QPSK	1	25	19.42	19.61	19.41			
10	QPSK	25	0	19.46	19.50	19.51			
10	QPSK	25	12	19.59	19.55	19.52			
10	QPSK	25	25	19.52	19.62	19.58	21	0	0
10	QPSK	50	0	19.52	19.65	19.46			
10	16QAM	1	0	19.62	19.62	19.53			
10	16QAM	1	25	19.44	19.51	19.36			
10	16QAM	1	49	19.56	19.54	19.45	21	0	0
10	16QAM	25	0	19.54	19.64	19.54			
10	16QAM	25	12	19.42	19.56	19.54			
10	16QAM	25	25	19.55	19.67	19.47			
10	16QAM	50	0	19.51	19.67	19.59	21	0	0
10	16QAM	50	0	19.55	19.58	19.50			
10	16QAM	1	25	19.50	19.62	19.52			
10	16QAM	1	49	19.43	19.53	19.40			
10	16QAM	36	0	19.52	19.58	19.48	21	0	0
10	16QAM	36	0	19.52	19.58	19.48			
10	16QAM	25	12	19.43	19.53	19.45			
10	16QAM	25	25	19.54	19.65	19.42			
10	16QAM	50	0	19.50	19.63	19.45	21	0	0
Channel									
Frequency (MHz)									
5	QPSK	1	0	37.77	39.06	39.23	21	0	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	19.64	19.51			
5	QPSK	12	7	19.61	19.64	19.53	21	0	0
5	QPSK	12	13	19.46	19.60	19.54			
5	QPSK	25	0	19.50	19.58	19.50			
5	16QAM	1	0	19.59	19.65	19.55			
5	16QAM	1	12	19.51	19.59	19.45	21	0	0
5	16QAM	1	24	19.55	19.54	19.54			
5	16QAM	12	0	19.62	19.61	19.52			
5	16QAM	12	7	19.48	19.60	19.44			
5	16QAM	12	13	19.60	19.55	19.51	21	0	0
5	16QAM	25	0	19.44	19.61	19.49			
5	16QAM	1	1	19.57	19.61	19.47			
5	16QAM	1	12	19.54	19.59	19.59			
5	16QAM	1	24	19.50	19.53	19.41	21	0	0
5	16QAM	12	0	19.64	19.62	19.54			
5	16QAM	12	7	19.50	19.61	19.46			
5	16QAM	12	13	19.62	19.55	19.51			
5	16QAM	25	0	19.47	19.58	19.46	21	0	0
Channel									
Frequency (MHz)									
20	QPSK	1	0	37.80	39.09	39.15	21	0	0
20	QPSK	1	49	19.74	19.81	19.81			
20	QPSK	1	99	19.77	19.80	19.84			
20	QPSK	50	0	19.82	19.85	19.85			
20	QPSK	50	24	19.83	19.73	19.85	21	0	0
20	QPSK	50	50	19.72	19.80	19.84			
20	QPSK	100	0	19.73	19.79	19.80			
20	16QAM	1	0	19.78	19.74	19.80			
20	16QAM	1	49	19.67	19.80	19.67	21	0	0
20	16QAM	1	99	19.84	19.84	19.85			
20	16QAM	50	24	19.83	19.80	19.84			
20	16QAM	50	50	19.72	19.73	19.88			
20	16QAM	100	0	19.72	19.77	19.88	21	0	0
20	16QAM	100	0	19.72	19.77	19.88			
20	16QAM	1	99	19.84	19.84	19.85			
20	16QAM	50	24	19.78	19.73	19.88			
20	16QAM	50	50	19.70	19.78	19.87	21	0	0
20	16QAM	100	0	19.68	19.75	19.82			
Channel									
Frequency (MHz)									
15	QPSK	1	0	37.73	39.06	39.17	21	0	0
15	QPSK	1	12	19.46	19.60	19.46			
15	QPSK	1	24	19.46	19.54	19.50			
15	QPSK	12	0	19.52	19.64	19.51			
15	QPSK	12	7	19.61	19.64	19.53	21	0	0
15	QPSK	12	13	19.46	19.60	19.54			
15	QPSK	25	0	19.50	19.58	19.50			
15	16QAM	1	0	19.59	19.65	19.55			
15	16QAM	1	12	19.51	19.59	19.45	21	0	0
15	16QAM	1	24	19.55	19.54	19.54			
15	16QAM	12	0	19.62	19.61	19.52			
15	16QAM	12	7	19.48	19.60	19.44			
15	16QAM	12	13	19.60	19.55	19.51	21	0	0
15	16QAM	25	0	19.44	19.61	19.49			
15	16QAM	1	1	19.57	19.61	19.47			
15	16QAM	1	12	19.54	19.59	19.59			
15	16QAM	1	24	19.50	19.53	19.41	21	0	0
15	16QAM	12	0	19.64	19.62	19.54			
15	16QAM	12	7	19.50	19.61	19.46			
15	16QAM	12	13	19.62	19.55	19.51			
15	16QAM	25	0	19.47	19.58	19.46	21	0	0
Channel									
Frequency (MHz)									
20	QPSK	1	0	37.80	39.09	39.15	21	0	0
20	QPSK	1	49	19.74	19.81	19.81			
20	QPSK	1	99	19.77	19.80	19.84			
20	QPSK	50	0	19.82	19.85	19.85			
20	QPSK	50	24	19.83	19.73	19.85	21	0	0
20	QPSK	50	50	19.72	19.80	19.84			
20	QPSK	100	0	19.73	19.79	19.80			
20	16QAM	1	0	19.78	19.74	19.80			
20	16QAM	1	49	19.67	19.80	19.67	21	0	0
20	16QAM	1	99	19.84	19.84	19.85			
20	16QAM	50	24	19.83	19.80	19.84			
20	16QAM	50	50	19.72	19.73	19.88			
20	16QAM	100	0	19.72	19.77	19.88	21	0	0
20	16QAM	100	0	19.72	19.77	19.88			
20	16QAM	1	99	19.84	19.84	19.85			
20	16QAM	50	24	19.78	19.73	19.88			
20	16QAM	50	50	19.70	19.78	19.87	21	0	0
20	16QAM	100	0	19.68	19.75	19.82			

GSM850 Ant3 DS13								
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)		
TX Channel		128	189	251		128	189	251
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot		28.08	28.12	27.98	29.50	19.08	19.12	18.98
GPRS 1 Tx slot		27.96	28.08	27.85	29.50	18.96	19.08	18.85
GPRS 2 Tx slots		26.90	27.03	26.77	28.50	20.90	21.03	20.77
GPRS 3 Tx slots		24.96	25.05	24.80	26.50	20.70	20.79	20.54
GPRS 4 Tx slots		23.95	24.10	23.90	25.50	20.95	21.10	20.90
EDGE 1 Tx slot		26.75	26.81	26.68	28.00	17.75	17.81	17.68
EDGE 2 Tx slots		25.84	25.91	25.62	27.00	19.84	19.91	19.62
EDGE 3 Tx slots		23.71	23.78	23.52	25.00	19.45	19.52	19.26
EDGE 4 Tx slots		22.51	22.56	22.27	23.50	19.51	19.56	19.27
GSM1900 Ant3 DS13								
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)		
TX Channel		512	661	810		512	661	810
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8
GSM 1 Tx slot		20.93	21.10	21.08	22.00	11.93	12.10	12.08
GPRS 1 Tx slot		20.83	21.05	20.99	22.00	11.83	12.05	11.99
GPRS 2 Tx slots		20.11	20.32	20.19	21.00	14.11	14.32	14.19
GPRS 3 Tx slots		18.17	18.28	18.16	19.00	13.91	14.02	13.90
GPRS 4 Tx slots		17.01	17.22	17.11	18.00	14.01	14.22	14.11
EDGE 1 Tx slot		17.33	17.51	17.43	18.50	8.33	8.51	8.43
EDGE 2 Tx slots		16.29	16.48	16.36	17.50	10.29	10.48	10.36
EDGE 3 Tx slots		13.88	14.12	14.02	15.50	9.62	9.86	9.76
EDGE 4 Tx slots		12.77	12.88	12.72	14.00	9.77	9.88	9.72
WCDMA II Ant3 DS13								
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V		
TX Channel		9262	9400	9538		4132	4182	4233
Rx Channel		9662	9800	9938		4357	4407	4458
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	14.91	14.92	14.81	16.00	20.92	21.01	20.99
3GPP Rel 99	AMR 12.2Kbps	14.95	14.96	14.88	16.00	20.93	21.03	21.01
3GPP Rel 6	HSDPA Subtest-1	14.00	13.96	13.79	15.00	19.97	20.15	19.88
3GPP Rel 6	HSDPA Subtest-2	13.71	13.74	13.74	15.00	19.79	19.83	19.70
3GPP Rel 6	HSDPA Subtest-3	13.27	13.13	13.07	14.50	19.18	19.33	19.22
3GPP Rel 6	HSDPA Subtest-4	13.16	13.19	13.13	14.50	19.15	19.25	19.27
3GPP Rel 8	DC-HSDPA Subtest-1	13.74	13.84	13.70	15.00	19.85	20.00	19.73
3GPP Rel 8	DC-HSDPA Subtest-2	13.49	13.49	13.61	15.00	19.73	19.61	19.72
3GPP Rel 8	DC-HSDPA Subtest-3	12.98	13.23	12.94	14.50	18.98	19.27	19.03
3GPP Rel 8	DC-HSDPA Subtest-4	13.03	13.07	12.98	14.50	19.16	19.14	19.16
3GPP Rel 6	HSUPA Subtest-1	13.84	13.97	13.58	15.00	19.98	19.91	19.76
3GPP Rel 6	HSUPA Subtest-2	12.06	12.08	11.91	13.00	18.05	17.94	18.06
3GPP Rel 6	HSUPA Subtest-3	12.75	13.04	12.95	14.00	18.89	18.98	18.99
3GPP Rel 6	HSUPA Subtest-4	11.78	11.82	11.71	13.00	17.90	17.74	17.63
3GPP Rel 6	HSUPA Subtest-5	13.71	13.72	13.69	15.00	19.64	19.71	19.78
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.42	11.35	11.45	12.50	17.39	17.43	17.50

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	14.31	14.40	14.31	16	0				
20	QPSK	1	49	14.24	14.30	14.22						
20	QPSK	1	99	14.29	14.34	14.27						
20	QPSK	50	0	14.23	14.36	14.33						
20	QPSK	50	24	14.22	14.27	14.22	16	0				
20	QPSK	50	50	14.20	14.29	14.25						
20	QPSK	100	0	14.27	14.32	14.27						
20	16QAM	1	0	14.24	14.30	14.26						
20	16QAM	1	49	14.30	14.36	14.25	16	0				
20	16QAM	1	99	14.27	14.31	14.23						
20	16QAM	50	0	14.22	14.27	14.20						
20	16QAM	50	24	14.30	14.34	14.21						
20	16QAM	50	50	14.29	14.26	14.25	16	0				
20	16QAM	100	0	14.24	14.29	14.24						
20	64QAM	1	0	14.22	14.31	14.22						
20	64QAM	1	49	14.24	14.27	14.28	16	0				
20	64QAM	1	99	14.25	14.35	14.25						
20	64QAM	50	0	14.21	14.27	14.23						
20	64QAM	50	24	14.22	14.29	14.25						
20	64QAM	50	50	14.21	14.26	14.21	16	0				
20	64QAM	100	0	14.20	14.28	14.24						
Channel												
Frequency (MHz)												
15	QPSK	1	0	14.26	14.32	14.25	16	0				
15	QPSK	1	37	14.16	14.27	14.19						
15	QPSK	1	74	14.17	14.22	14.13						
15	QPSK	36	0	14.19	14.29	14.20						
15	QPSK	36	20	14.12	14.13	14.15	16	0				
15	QPSK	36	39	14.11	14.22	14.19						
15	QPSK	75	0	14.20	14.26	14.24						
15	16QAM	1	0	14.17	14.25	14.15						
15	16QAM	1	37	14.22	14.21	14.18	16	0				
15	16QAM	1	74	14.12	14.21	14.15						
15	16QAM	36	0	14.10	14.18	14.06						
15	16QAM	36	20	14.18	14.30	14.13						
15	16QAM	36	39	14.24	14.15	14.17	16	0				
15	16QAM	75	0	14.15	14.21	14.17						
15	64QAM	1	0	14.12	14.26	14.09						
15	64QAM	1	37	14.11	14.12	14.17	16	0				
15	64QAM	1	74	14.19	14.26	14.15						
15	64QAM	36	0	14.07	14.20	14.16						
15	64QAM	36	20	14.15	14.14	14.11						
15	64QAM	36	39	14.06	14.21	14.08	16	0				
15	64QAM	75	0	14.07	14.21	14.11						
Channel												
Frequency (MHz)												
10	QPSK	1	0	14.25	14.37	14.18	16	0				
10	QPSK	1	25	14.17	14.15	14.11						
10	QPSK	1	49	14.25	14.25	14.20						
10	QPSK	25	0	14.13	14.29	14.21						
10	QPSK	25	12	14.12	14.14	14.08	16	0				
10	QPSK	25	25	14.08	14.22	14.18						
10	QPSK	50	0	14.19	14.27	14.22						
10	16QAM	1	0	14.11	14.18	14.22						
10	16QAM	1	25	14.22	14.26	14.19	16	0				
10	16QAM	1	49	14.18	14.19	14.18						
10	16QAM	25	0	14.13	14.15	14.10						
10	16QAM	25	12	14.17	14.25	14.07						
10	16QAM	25	25	14.14	14.15	14.16	16	0				
10	16QAM	50	0	14.15	14.23	14.14						
10	64QAM	1	0	14.16	14.24	14.16						
10	64QAM	1	25	14.11	14.21	14.13						
10	64QAM	1	49	14.11	14.23	14.15	16	0				
10	64QAM	25	0	14.16	14.19	14.12						
10	64QAM	25	12	14.13	14.20	14.14						
10	64QAM	25	25	14.12	14.19	14.10						
10	64QAM	50	0	14.12	14.23	14.15	16	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	14.23	14.32	14.26				16	0	
5	QPSK	1	12	14.18	14.20	14.08						
5	QPSK	1	24	14.16	14.26	14.15						
5	QPSK	12	0	14.14	14.27	14.24						
5	QPSK	12	7	14.13	14.24	14.08	16	0				
5	QPSK	12	13	14.13	14.20	14.10						
5	QPSK	25	0	14.13	14.21	14.13						
5	16QAM	1	0	14.20	14.21	14.19						
5	16QAM	1	12	14.24	14.22	14.18	16	0				
5	16QAM	1	24	14.20	14.25	14.10						
5	16QAM	12	0	14.16	14.15	14.16						
5	16QAM	12	7	14.21	14.29	14.10						
5	16QAM	12	13	14.23	14.22	14.13	16	0				
5	16QAM	25	0	14.21	14.26	14.12						
5	64QAM	1	0	14.15	14.17	14.10						
5	64QAM	1	12	14.11	14.15	14.15	16	0				
5	64QAM	1	24	14.12	14.31	14.13						
5	64QAM	12	0	14.16	14.24	14.17						
5	64QAM	12	7	14.14	14.18	14.14						
5	64QAM	12	13	14.06	14.16	14.17	16	0				
5	64QAM	25	0	14.13	14.14	14.15						
Channel												
Frequency (MHz)												
3	QPSK	1	0	14.23	14.35	14.18	16	0				
3	QPSK	1	8	14.21	14.15	14.07						
3	QPSK	1	14	14.16	14.31	14.20						
3	QPSK	8	0	14.13	14.24	14.21						
3	QPSK	8	4	14.10	14.12	14.12	16	0				
3	QPSK	8	7	14.12	14.22	14.21						
3	QPSK	15	0	14.13	14.18	14.17						
3	16QAM	1	0	14.19	14.16	14.12						
3	16QAM	1	8	14.22	14.21	14.10	16	0				
3	16QAM	1	14	14.15	14.22	14.18						
3	16QAM	8	0	14.17	14.24	14.12						
3	16QAM	8	4	14.19	14.30	14.11						
3	16QAM	8	7	14.20	14.16	14.10	16	0				
3	16QAM	15	0	14.17	14.15	14.13						
3	64QAM	1	0	14.17	14.23	14.17						
3	64QAM	1	8	14.12	14.24	14.14						
3	64QAM	8	0	14.15	14.18	14.14	16	0				
3	64QAM	8	4	14.11	14.22	14.11						
3	64QAM	8	7	14.09	14.14	14.09						
3	64QAM	15	0	14.11	14.19	14.13						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	14.25	14.30	14.17	16	0				
1.4	QPSK	1	3	14.16	14.15	14.18						
1.4	QPSK	1	5	14.21	14.27	14.13						
1.4	QPSK	3	0	14.12	14.31	14.19						
1.4	QPSK	3	1	14.12	14.15	14.12	16	0				
1.4	QPSK	3	3	14.16	14.25	14.22						
1.4	QPSK	6	0	14.23	14.29	14.20						
1.4	16QAM	1	0	14.16	14.22	14.22						
1.4	16QAM	1	3	14.27	14.32	14.20	16	0				
1.4	16QAM	1	5	14.20	14.20	14.14						
1.4	16QAM	3	0	14.18	14.20	14.14						
1.4	16QAM	3	1	14.21	14.27	14.17						
1.4	16QAM	3	3	14.16	14.18	14.18	16	0				
1.4	16QAM	6	0	14.16	14.22	14.09	16	0				
1.4	64QAM	1	0	14.19	14.18	14.13						
1.4	64QAM	1	3	14.17	14.13	14.17						
1.4	64QAM	1	5	14.16	14.20	14.12						
1.4	64QAM	3	0	14.09	14.24	14.10	16	0				
1.4	64QAM	3	1	14.10	14.24	14.17						
1.4	64QAM	3	3	14.15	14.20	14.08						
1.4	64QAM	6	0	14.15	14.15	14.14	16	0				

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			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				782				
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	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
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	19.50	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			Tune-up limit (dBm)	MPR (dB)
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		18.38			
10	64QAM	25	12		18.47		20	3
10	64QAM	25	25		18.47			
10	64QAM	50	0		18.35			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
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	22	1
5	16QAM	12	0	19.32	19.30	19.24		
5	16QAM	12	7	19.21	19.28	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		

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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				23780	23790	23800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				710	711	711		
10	QPSK	1	0	21.25	21.30	21.28	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	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
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	19.06		
5	16QAM	12	13	19.25	19.04	19.25	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 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	16	0	
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	14.32	14.46	14.40	16	0	
20	QPSK	1	49	14.33	14.44	14.35			
20	QPSK	1	99	14.29	14.40	14.38	16	0	
20	QPSK	50	0	14.27	14.36	14.32			
20	QPSK	50	24	14.26	14.30	14.28	16	0	
20	QPSK	50	50	14.26	14.28	14.24			
20	QPSK	100	0	14.23	14.33	14.26	16	0	
20	16QAM	1	0	14.25	14.37	14.26			
20	16QAM	1	49	14.31	14.43	14.33	16	0	
20	16QAM	1	99	14.26	14.38	14.25			
20	16QAM	50	0	14.22	14.32	14.28	16	0	
20	16QAM	50	24	14.29	14.42	14.32			
20	16QAM	50	50	14.26	14.33	14.29	16	0	
20	16QAM	100	0	14.36	14.40	14.30			
20	64QAM	1	0	14.35	14.39	14.26	16	0	
20	64QAM	1	49	14.25	14.41	14.35			
20	64QAM	1	99	14.25	14.41	14.34	16	0	
20	64QAM	50	0	14.35	14.38	14.29			
20	64QAM	50	24	14.28	14.39	14.23	16	0	
20	64QAM	50	50	14.36	14.40	14.31			
20	64QAM	100	0	14.27	14.41	14.24	16	0	
Channel				26115	26340	26615			
Frequency (MHz)				1857.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.28	14.34	14.32	16	0	
15	QPSK	1	37	14.25	14.31	14.27			
15	QPSK	1	74	14.26	14.33	14.26	16	0	
15	QPSK	36	0	14.12	14.31	14.29			
15	QPSK	36	20	14.19	14.26	14.14	16	0	
15	QPSK	36	39	14.17	14.13	14.17			
15	QPSK	75	0	14.12	14.20	14.13	16	0	
15	16QAM	1	0	14.21	14.33	14.16			
15	16QAM	1	37	14.24	14.37	14.23	16	0	
15	16QAM	1	74	14.20	14.32	14.17			
15	16QAM	36	0	14.14	14.29	14.24	16	0	
15	16QAM	36	20	14.17	14.31	14.25			
15	16QAM	36	39	14.15	14.22	14.23	16	0	
15	16QAM	75	0	14.29	14.37	14.18			
15	64QAM	1	0	14.28	14.33	14.14	16	0	
15	64QAM	1	37	14.20	14.37	14.26			
15	64QAM	1	74	14.13	14.29	14.20	16	0	
15	64QAM	36	0	14.26	14.27	14.14			
15	64QAM	36	20	14.23	14.30	14.13	16	0	
15	64QAM	36	39	14.30	14.32	14.18			
15	64QAM	75	0	14.17	14.30	14.11	16	0	
Channel				26090	26340	26640			
Frequency (MHz)				1855	1880	1910	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	14.24	14.42	14.33	16	0	
10	QPSK	1	25	14.21	14.33	14.31			
10	QPSK	1	49	14.23	14.31	14.27	16	0	
10	QPSK	25	0	14.23	14.31	14.20			
10	QPSK	25	12	14.15	14.27	14.18	16	0	
10	QPSK	25	25	14.16	14.15	14.11			
10	QPSK	50	0	14.12	14.28	14.19	16	0	
10	16QAM	1	0	14.11	14.24	14.12			
10	16QAM	1	25	14.18	14.32	14.23	16	0	
10	16QAM	1	49	14.22	14.26	14.18			
10	16QAM	25	0	14.19	14.24	14.18	16	0	
10	16QAM	25	12	14.24	14.36	14.20			
10	16QAM	25	25	14.16	14.19	14.23	16	0	
10	16QAM	50	0	14.24	14.28	14.22			
10	64QAM	1	0	14.30	14.31	14.13	16	0	
10	64QAM	1	25	14.14	14.29	14.31			
10	64QAM	1	49	14.12	14.27	14.28	16	0	
10	64QAM	25	0	14.26	14.34	14.23			
10	64QAM	25	12	14.25	14.29	14.12	16	0	
10	64QAM	25	25	14.29	14.34	14.24			
10	64QAM	50	0	14.12	14.33	14.12	16	0	
Channel				26065	26340	26565			
Frequency (MHz)				1852.5	1880	1912.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	14.25	14.35	14.33	16	0	
5	QPSK	1	12	14.27	14.29	14.21			
5	QPSK	1	24	14.23	14.31	14.29	16	0	
5	QPSK	12	0	14.23	14.26	14.29			
5	QPSK	12	7	14.16	14.18	14.20	16	0	
5	QPSK	12	13	14.15	14.15	14.17			
5	QPSK	25	0	14.19	14.21	14.17	16	0	
5	16QAM	1	0	14.19	14.23	14.19			
5	16QAM	1	12	14.21	14.39	14.29	16	0	
5	16QAM	1	24	14.19	14.29	14.13			
5	16QAM	12	0	14.16	14.20	14.15	16	0	
5	16QAM	12	7	14.22	14.36	14.21			
5	16QAM	12	13	14.17	14.22	14.18	16	0	
5	16QAM	25	0	14.25	14.27	14.18			
5	64QAM	1	0	14.25	14.30	14.22	16	0	
5	64QAM	1	12	14.11	14.35	14.22			
5	64QAM	1	24	14.12	14.33	14.23	16	0	
5	64QAM	12	0	14.26	14.33	14.23			
5	64QAM	12	7	14.20	14.28	14.19	16	0	
5	64QAM	12	13	14.27	14.36	14.23			
5	64QAM	25	0	14.20	14.33	14.21	16	0	
Channel				26065	26340	26575			
Frequency (MHz)				1851.5	1880	1913.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	14.25	14.42	14.36	16	0	
3	QPSK	1	8	14.19	14.30	14.22			
3	QPSK	1	14	14.14	14.29	14.24	16	0	
3	QPSK	8	0	14.24	14.23	14.26			
3	QPSK	8	4	14.15	14.15	14.16	16	0	
3	QPSK	8	7	14.18	14.15	14.12			
3	QPSK	15	0	14.15	14.26	14.14	16	0	
3	16QAM	1	0	14.17	14.31	14.12			
3	16QAM	1	8	14.18	14.32	14.28	16	0	
3	16QAM	1	14	14.21	14.28	14.16			
3	16QAM	8	0	14.11	14.25	14.15	16	0	
3	16QAM	8	4	14.20	14.35	14.29			
3	16QAM	8	7	14.13	14.22	14.19	16	0	
3	16QAM	15	0	14.26	14.28	14.21			
3	64QAM	1	0	14.27	14.33	14.14	16	0	
3	64QAM	1	8	14.11	14.31	14.20			
3	64QAM	1	14	14.21	14.27	14.26	16	0	
3	64QAM	8	0	14.26	14.31	14.23			
3	64QAM	8	4	14.16	14.33	14.18	16	0	
3	64QAM	8	7	14.32	14.32	14.26			
3	64QAM	15	0	14.16	14.28	14.21	16	0	
Channel				25947	25340	25933			
Frequency (MHz)				1850.7	1880	1914.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	14.20	14.32	14.37	16	0	
1.4	QPSK	1	3	14.22	14.40	14.27			
1.4	QPSK	1	5	14.25	14.34	14.31	16	0	
1.4	QPSK	3	0	14.14	14.23	14.19			
1.4	QPSK	3	1	14.13	14.25	14.20	16	0	
1.4	QPSK	3	3	14.17	14.24	14.12			
1.4	QPSK	6	0	14.15	14.22	14.20	16	0	
1.4	16QAM	1	0	14.20	14.30	14.13			
1.4	16QAM	1	3	14.19	14.31	14.30	16	0	
1.4	16QAM	1	5	14.12	14.27	14.19			
1.4	16QAM	3	0	14.19	14.21	14.14	16	0	
1.4	16QAM	3	1	14.18	14.27	14.27			
1.4	16QAM	3	3	14.21	14.26	14.15	16	0	
1.4	16QAM	6	0	14.23	14.32	14.16			
1.4	64QAM	1	0	14.32	14.26	14.15	16	0	
1.4	64QAM	1	3	14.37	14.36	14.26			
1.4	64QAM	1	5	14.20	14.30	14.22	16	0	
1.4	64QAM	3	0	14.27	14.34	14.22			
1.4	64QAM	3	1	14.17	14.31	14.22	16	0	
1.4	64QAM	3	3	14.31	14.37	14.16			
1.4	64QAM	6	0	14.18	14.36	14.15	16	0	

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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				133222	133322	133372	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	683	686		
20	QPSK	1	0	21.38	21.43	21.36	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	20.35	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 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	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	19.11	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	20	3
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 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		
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	18.39	18.33	19.31		
10	64QAM	1	25	19.36	19.42	19.47	20	3
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 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		
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 DSIS6

GSM850 Ant0 DSIS6								
GSM850 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	31.74	31.77	31.67	33.00	22.74	22.77	22.67	24.00
GPRS 1 Tx slot	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	26.00
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	21.78	21.63	23.50	18.64	18.78	18.63	20.50

GSM1900 Ant0 DSIS6								
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	26.28	26.36	26.16	27.50	17.28	17.36	17.16	18.50
GPRS 1 Tx slot	25.18	25.31	25.10	27.50	17.18	17.31	17.10	18.50
GPRS 2 Tx slots	25.28	25.37	25.08	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

WCDMA II Ant0 DSIS6					WCDMA IV Ant0 DSIS6				WCDMA V Ant0 Default			
Band Tx Channel Rx Channel Frequency (MHz)	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
3GPP Rel 99	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	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	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	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	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	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 8	17.66	17.74	17.58	19.00	16.61	16.67	16.43	18.00	21.63	21.71	21.64	23.00
3GPP Rel 8	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 8	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 8	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	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	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	16.88	16.78	16.67	18.00	15.81	15.80	15.65	17.00	20.81	20.80	20.61	22.00
3GPP Rel 6	15.71	15.58	15.40	17.00	14.58	14.58	14.50	16.00	19.58	19.66	19.50	21.00
3GPP Rel 6	17.56	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	15.25	15.22	15.44	16.50	14.16	14.15	14.33	15.50	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	17.86	17.80	17.93	19.5	0				
20	QPSK	1	49	17.69	17.84	17.73						
20	QPSK	1	99	17.74	17.81	17.68						
20	QPSK	50	0	17.86	17.89	17.74						
20	QPSK	50	24	17.68	17.79	17.77	19.5	0				
20	QPSK	50	50	17.68	17.79	17.64						
20	QPSK	100	0	17.70	17.83	17.80						
20	16QAM	1	0	17.79	17.84	17.81						
20	16QAM	1	49	17.81	17.93	17.86	19.5	0				
20	16QAM	1	99	17.71	17.87	17.74						
20	16QAM	50	0	17.77	17.87	17.85						
20	16QAM	50	24	17.80	17.82	17.79						
20	16QAM	50	50	17.88	17.91	17.81	19.5	0				
20	16QAM	100	0	17.76	17.93	17.77						
20	16QAM	1	0	17.76	17.89	17.73						
20	16QAM	1	49	17.79	17.85	17.70						
20	16QAM	1	99	17.79	17.86	17.81	19.5	0				
20	16QAM	50	0	17.67	17.81	17.68						
20	16QAM	50	24	17.72	17.84	17.76						
20	16QAM	50	50	17.84	17.92	17.82						
20	16QAM	100	0	17.65	17.82	17.75	19.5	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	17.77	17.80	17.89	19.5	0				
15	QPSK	1	37	17.66	17.77	17.61						
15	QPSK	1	74	17.68	17.66	17.53						
15	QPSK	36	0	17.82	17.80	17.59						
15	QPSK	36	20	17.53	17.70	17.72	19.5	0				
15	QPSK	36	39	17.59	17.65	17.50						
15	QPSK	75	0	17.57	17.73	17.66						
15	16QAM	1	0	17.65	17.67	17.77						
15	16QAM	1	37	17.72	17.90	17.70	19.5	0				
15	16QAM	1	74	17.58	17.81	17.67						
15	16QAM	36	0	17.62	17.81	17.72						
15	16QAM	36	20	17.76	17.68	17.67						
15	16QAM	36	39	17.73	17.75	17.66	19.5	0				
15	16QAM	75	0	17.60	17.88	17.74						
15	16QAM	1	0	17.73	17.76	17.84						
15	16QAM	1	37	17.69	17.81	17.87						
15	16QAM	1	74	17.69	17.82	17.69	19.5	0				
15	16QAM	36	0	17.57	17.69	17.58						
15	16QAM	36	20	17.69	17.81	17.70						
15	16QAM	36	39	17.68	17.81	17.79						
15	16QAM	75	0	17.57	17.77	17.70	19.5	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.80	17.85	17.85	19.5	0				
10	QPSK	1	25	17.64	17.71	17.70						
10	QPSK	1	49	17.58	17.73	17.52						
10	QPSK	25	0	17.84	17.80	17.70						
10	QPSK	25	12	17.51	17.73	17.70	19.5	0				
10	QPSK	25	25	17.56	17.77	17.53						
10	QPSK	50	0	17.63	17.79	17.66						
10	16QAM	1	0	17.69	17.79	17.73						
10	16QAM	1	25	17.73	17.81	17.73	19.5	0				
10	16QAM	1	49	17.65	17.70	17.58						
10	16QAM	25	0	17.63	17.72	17.73						
10	16QAM	25	12	17.69	17.68	17.65						
10	16QAM	25	25	17.78	17.83	17.74	19.5	0				
10	16QAM	50	0	17.60	17.79	17.66						
10	16QAM	1	0	17.72	17.74	17.68						
10	16QAM	1	25	17.69	17.82	17.67						
10	16QAM	1	49	17.68	17.84	17.76	19.5	0				
10	16QAM	25	0	17.60	17.66	17.60						
10	16QAM	25	12	17.61	17.74	17.72						
10	16QAM	25	25	17.77	17.78	17.66						
10	16QAM	50	0	17.56	17.66	17.65	19.5	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.69	17.81	17.79	19.5	0				
5	QPSK	1	12	17.54	17.68	17.67						
5	QPSK	1	24	17.66	17.77	17.58						
5	QPSK	12	0	17.83	17.82	17.67						
5	QPSK	12	7	17.52	17.69	17.65	19.5	0				
5	QPSK	12	13	17.59	17.74	17.50						
5	QPSK	25	0	17.65	17.67	17.77						
5	16QAM	1	0	17.65	17.77	17.76						
5	16QAM	1	12	17.73	17.79	17.74	19.5	0				
5	16QAM	1	24	17.69	17.75	17.62						
5	16QAM	12	0	17.63	17.71	17.82						
5	16QAM	12	7	17.77	17.76	17.66						
5	16QAM	12	13	17.81	17.79	17.75	19.5	0				
5	16QAM	25	0	17.68	17.88	17.66						
5	16QAM	1	0	17.62	17.74	17.63						
5	16QAM	1	12	17.64	17.75	17.63						
5	16QAM	1	24	17.71	17.69	17.74	19.5	0				
5	16QAM	12	0	17.55	17.75	17.57						
5	16QAM	12	7	17.68	17.79	17.72						
5	16QAM	12	13	17.80	17.82	17.70						
5	16QAM	25	0	17.63	17.67	17.59	19.5	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	17.74	17.90	17.81	19.5	0				
3	QPSK	1	8	17.60	17.69	17.60						
3	QPSK	1	14	17.69	17.78	17.64						
3	QPSK	8	0	17.76	17.85	17.70						
3	QPSK	8	4	17.62	17.84	17.69	19.5	0				
3	QPSK	8	7	17.59	17.75	17.60						
3	QPSK	15	0	17.57	17.78	17.69						
3	16QAM	1	0	17.66	17.69	17.69						
3	16QAM	1	8	17.78	17.84	17.72	19.5	0				
3	16QAM	1	14	17.61	17.81	17.68						
3	16QAM	8	0	17.73	17.79	17.76						
3	16QAM	8	4	17.74	17.72	17.68						
3	16QAM	8	7	17.83	17.84	17.67	19.5	0				
3	16QAM	15	0	17.71	17.85	17.61						
3	16QAM	1	0	17.62	17.84	17.65						
3	16QAM	1	8	17.71	17.81	17.64						
3	16QAM	1	14	17.75	17.70	17.68	19.5	0				
3	16QAM	8	0	17.59	17.69	17.62						
3	16QAM	8	4	17.62	17.72	17.61						
3	16QAM	8	7	17.70	17.84	17.70						
3	16QAM	15	0	17.63	17.79	17.73	19.5	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	17.70	17.84	17.77	19.5	0				
1.4	QPSK	1	3	17.63	17.79	17.65						
1.4	QPSK	1	5	17.71	17.69	17.84						
1.4	QPSK	3	0	17.81	17.81	17.68						
1.4	QPSK	3	1	17.58	17.76	17.65	19.5	0				
1.4	QPSK	3	3	17.55	17.67	17.59						
1.4	QPSK	6	0	17.63	17.78	17.73						
1.4	16QAM	1	0	17.67	17.78	17.68						
1.4	16QAM	1	5	17.70	17.79	17.82	19.5	0				
1.4	16QAM	1	5	17.55	17.83	17.85						
1.4	16QAM	3	0	17.66	17.74	17.82						
1.4	16QAM	3	1	17.73	17.67	17.74						
1.4	16QAM	3	3	17.83	17.85	17.69	19.5	0				
1.4	16QAM	6	0	17.73	17.82	17.64						
1.4	16QAM	1	0	17.64	17.77	17.63						
1.4	16QAM	1	3	17.76	17.70	17.82						
1.4	16QAM	1	5	17.64	17.76	17.73	19.5	0				
1.4	16QAM	3	0	17.55	17.65	17.59						
1.4	16QAM	3	1	17.62	17.69	17.67						
1.4	16QAM	3	3	17.73	17.89	17.70						
1.4	16QAM	6	0	17.58	17.68	17.70	19.5	0				

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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.35	22.39	22.32			
10	QPSK	1	25	22.21	22.29	22.13			
10	QPSK	1	49	22.23	22.27	22.30	23	1	
10	QPSK	25	0	21.43	21.47	21.40			
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			
10	16QAM	25	0	20.51	20.82	20.61	22	2	
10	16QAM	25	12	20.40	20.46	20.37			
10	16QAM	25	25	20.54	20.54	20.38			
10	16QAM	50	0	20.39	20.34	20.37			
10	64QAM	1	0	20.61	20.42	20.53	22	2	
10	64QAM	1	25	20.26	20.41	20.47			
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				23035	23095	23155	24	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.18	22.34	22.31			
5	QPSK	1	12	22.17	22.23	22.07			
5	QPSK	1	24	22.07	22.15	22.23	23	1	
5	QPSK	12	0	21.41	21.38	21.23			
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			
5	16QAM	12	0	20.40	20.44	20.51	22	2	
5	16QAM	12	7	20.38	20.41	20.29			
5	16QAM	12	13	20.43	20.40	20.25			
5	16QAM	25	0	20.31	20.33	20.18			
5	64QAM	1	0	20.59	20.26	20.46	22	2	
5	64QAM	1	12	20.25	20.34	20.28			
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	24	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.34	22.25	22.14			
3	QPSK	1	8	22.16	22.11	22.00			
3	QPSK	1	14	22.19	22.27	22.24	23	1	
3	QPSK	8	0	21.42	21.34	21.34			
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			
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			
3	64QAM	1	0	20.46	20.26	20.51	22	2	
3	64QAM	1	8	20.08	20.24	20.38			
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				23017	23095	23173	24	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.18	22.29	22.23			
1.4	QPSK	1	3	22.11	22.09	22.01			
1.4	QPSK	1	5	22.11	22.26	22.26	23	1	
1.4	QPSK	3	0	22.31	22.32	22.13			
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			
1.4	16QAM	3	0	21.40	21.12	21.27	22	2	
1.4	16QAM	3	1	21.34	21.35	21.24			
1.4	16QAM	3	3	21.29	21.20	21.36			
1.4	16QAM	6	0	20.45	20.57	20.56			
1.4	64QAM	1	0	20.24	20.37	20.21	22	2	
1.4	64QAM	1	3	20.54	20.43	20.38			
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	1	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				23230			24	0	
Frequency (MHz)				782					
10	QPSK	1	0		22.27				
10	QPSK	1	25		22.20				
10	QPSK	1	49		22.17		23	1	
10	QPSK	25	0		21.38				
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				
10	16QAM	25	0		20.27		22	2	
10	16QAM	25	12		20.36				
10	16QAM	25	25		20.27				
10	16QAM	50	0		20.29				
10	64QAM	1	0		20.29		22	2	
10	64QAM	1	25		20.26				
10	64QAM	1	49		20.16				
10	64QAM	25	0		19.48				
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			
5	QPSK	12	7	21.37	21.14	21.16	23	1	
5	QPSK	12	13	21.08	21.18	21.18			
5	QPSK	25	0	21.20	21.16	21.19			
5	16QAM	1	0	21.22	21.16	21.31			
5	16QAM	1	12	21.10	21.16	21.22	23	1	
5	16QAM	1	24	21.14	21.15	21.30			
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			
5	64QAM	1	24	20.05	20.07	20.06	22	2	
5	64QAM	12	0	19.33	19.47	19.28			
5	64QAM	12	7	19.27	19.03	19.22			
5	64QAM	12	13	19.29	19.22	19.11			
5	64QAM	25	0	19.18	19.26	19.23	21	3	

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				23780	23790	23800			
Frequency (MHz)				709	710	711			
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	23	1	
10	QPSK	25	12	21.20	21.27	21.20			
10	QPSK	25	25	21.34	21.38	21.33			
10	QPSK	50	0	21.26	21.42	21.39	23	1	
10	16QAM	1	0	21.49	21.41	21.56			
10	16QAM	1	25	21.27	21.36	21.54			
10	16QAM	1	49	21.49	21.41	21.38	23	1	
10	16QAM	25	0	20.38	20.49	20.40			
10	16QAM	25	12	20.31	20.30	20.21			
10	16QAM	25	25	20.38	20.45	20.38	22	2	
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	21	3	
10	64QAM	25	25	19.36	19.43	19.55			
10	64QAM	50	0	19.44	19.34	19.47			
Channel				23755 <th>23790</th> <th>23825</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5 <th>710</th> <th>713.5</th> <th></th> <th colspan="2"></th>	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	23	1	
5	QPSK	12	7	21.04	21.16	21.11			
5	QPSK	12	13	21.23	21.33	21.18			
5	QPSK	25	0	21.19	21.28	21.24	23	1	
5	16QAM	1	0	21.41	21.34	21.45			
5	16QAM	1	12	21.24	21.18	21.36			
5	16QAM	1	24	21.42	21.36	21.31	22	2	
5	16QAM	12	0	20.30	20.42	20.32			
5	16QAM	12	7	20.22	20.23	20.20			
5	16QAM	12	13	20.30	20.39	20.32	22	2	
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	19.36	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				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	17.93	18.01	17.88	19.5	0	
20	QPSK	1	49	17.80	17.86	17.81			
20	QPSK	1	99	17.86	17.93	17.84			
20	QPSK	50	0	17.85	17.97	17.81	19.5	0	
20	QPSK	50	24	17.79	17.94	17.81			
20	QPSK	50	50	17.80	17.89	17.86			
20	QPSK	100	0	17.82	17.92	17.81	19.5	0	
20	16QAM	1	0	17.85	17.96	17.86			
20	16QAM	1	49	17.93	17.99	17.96			
20	16QAM	1	99	17.86	17.88	17.76	19.5	0	
20	16QAM	50	0	17.81	17.93	17.87			
20	16QAM	50	24	17.92	17.97	17.83			
20	16QAM	50	50	17.85	17.93	17.83	19.5	0	
20	16QAM	100	0	17.80	17.84	17.78			
20	64QAM	1	0	17.79	17.85	17.75			
20	64QAM	1	49	17.90	17.92	17.82	19.5	0	
20	64QAM	1	99	17.90	17.97	17.82			
20	64QAM	50	0	17.89	17.97	17.84			
20	64QAM	50	24	17.77	17.87	17.73	19.5	0	
20	64QAM	50	50	17.76	17.89	17.76			
20	64QAM	100	0	17.72	17.86	17.76			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	17.90	17.91	17.85	19.5	0	
15	QPSK	1	37	17.73	17.81	17.69			
15	QPSK	1	74	17.70	17.86	17.82			
15	QPSK	36	0	17.69	17.88	17.69	19.5	0	
15	QPSK	36	20	17.65	17.81	17.74			
15	QPSK	36	39	17.78	17.78	17.79			
15	QPSK	75	0	17.74	17.76	17.75	19.5	0	
15	16QAM	1	0	17.68	17.90	17.72			
15	16QAM	1	37	17.86	17.85	17.86			
15	16QAM	1	74	17.70	17.85	17.67	19.5	0	
15	16QAM	36	0	17.67	17.82	17.72			
15	16QAM	36	20	17.69	17.86	17.71			
15	16QAM	36	39	17.69	17.82	17.74	19.5	0	
15	16QAM	75	0	17.77	17.68	17.64			
15	64QAM	1	0	17.76	17.81	17.59			
15	64QAM	1	37	17.86	17.82	17.65	19.5	0	
15	64QAM	1	74	17.86	17.83	17.79			
15	64QAM	36	0	17.74	17.91	17.81			
15	64QAM	36	20	17.60	17.82	17.62	19.5	0	
15	64QAM	36	39	17.70	17.76	17.74			
15	64QAM	75	0	17.64	17.78	17.68			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	17.89	17.98	17.73	19.5	0	
10	QPSK	1	25	17.64	17.81	17.72			
10	QPSK	1	49	17.70	17.86	17.68			
10	QPSK	25	0	17.69	17.88	17.67	19.5	0	
10	QPSK	25	12	17.69	17.90	17.65			
10	QPSK	25	25	17.73	17.87	17.67			
10	QPSK	50	0	17.72	17.87	17.67	19.5	0	
10	16QAM	1	0	17.79	17.87	17.72			
10	16QAM	1	25	17.88	17.94	17.90			
10	16QAM	1	49	17.78	17.76	17.67	19.5	0	
10	16QAM	25	0	17.68	17.88	17.79			
10	16QAM	25	12	17.83	17.81	17.74			
10	16QAM	25	25	17.74	17.82	17.79	19.5	0	
10	16QAM	50	0	17.66	17.70	17.68			
10	64QAM	1	0	17.62	17.76	17.70			
10	64QAM	1	25	17.75	17.86	17.68	19.5	0	
10	64QAM	1	49	17.84	17.90	17.74			
10	64QAM	25	0	17.87	17.80	17.80			
10	64QAM	25	12	17.65	17.78	17.62	19.5	0	
10	64QAM	25	25	17.70	17.73	17.67			
10	64QAM	50	0	17.63	17.75	17.63			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1892.5	1880	1912.5			
5	QPSK	1	0	17.82	17.94	17.74	19.5	0	
5	QPSK	1	12	17.70	17.79	17.74			
5	QPSK	1	24	17.73	17.86	17.76			
5	QPSK	12	0	17.75	17.85	17.70	19.5	0	
5	QPSK	12	7	17.72	17.81	17.71			
5	QPSK	12	13	17.64	17.78	17.71			
5	QPSK	25	0	17.76	17.84	17.78	19.5		
5	16QAM	1	0	17.70	17.83	17.63	19.5	0	
5	16QAM	1	12	17.90	17.95	17.89			
5	16QAM	1	24	17.71	17.83	17.60			
5	16QAM	12	0	17.68	17.76	17.70	19.5	0	
5	16QAM	12	7	17.85	17.87	17.76			
5	16QAM	12	13	17.69	17.78	17.73			
5	16QAM	25	0	17.77	17.78	17.73	19.5	0	
5	64QAM	1	0	17.69	17.78	17.66			
5	64QAM	1	12	17.81	17.90	17.68			
5	64QAM	1	24	17.82	17.93	17.72	19.5	0	
5	64QAM	12	0	17.79	17.91	17.80			
5	64QAM	12	7	17.66	17.71	17.69			
5	64QAM	12	13	17.64	17.80	17.63	19.5	0	
5	64QAM	12	25	17.60	17.70	17.59			
5	64QAM	25	0	17.60	17.70	17.59			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	17.86	17.90	17.81	19.5	0	
3	QPSK	1	8	17.69	17.79	17.64			
3	QPSK	1	14	17.72	17.77	17.77			
3	QPSK	8	0	17.76	17.84	17.73	19.5	0	
3	QPSK	8	4	17.70	17.86	17.77			
3	QPSK	8	7	17.65	17.86	17.81			
3	QPSK	15	0	17.70	17.76	17.64	19.5	0	
3	16QAM	1	0	17.80	17.93	17.71			
3	16QAM	1	8	17.89	17.93	17.88			
3	16QAM	1	14	17.72	17.84	17.59	19.5	0	
3	16QAM	8	0	17.73	17.85	17.80			
3	16QAM	8	4	17.77	17.82	17.69			
3	16QAM	8	7	17.78	17.88	17.74	19.5	0	
3	16QAM	15	0	17.67	17.68	17.71			
3	64QAM	1	0	17.70	17.74	17.69			
3	64QAM	1	8	17.85	17.89	17.70	19.5	0	
3	64QAM	1	14	17.77	17.91	17.70			
3	64QAM	8	0	17.79	17.85	17.82			
3	64QAM	8	4	17.62	17.81	17.57	19.5	0	
3	64QAM	8	7	17.72	17.78	17.61			
3	64QAM	15	0	17.64	17.79	17.71			
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	17.89	17.92	17.75	19.5	0	
1.4	QPSK	1	3	17.75	17.82	17.69			
1.4	QPSK	1	5	17.77	17.85	17.69			
1.4	QPSK	3	0	17.72	17.89	17.69	19.5	0	
1.4	QPSK	3	1	17.66	17.78	17.69			
1.4	QPSK	3	3	17.75	17.75	17.83			
1.4	QPSK	6	0	17.79	17.86	17.79	19.5	0	
1.4	16QAM	1	0	17.69	17.83	17.62			
1.4	16QAM	1	3	17.76	17.86	17.81			
1.4	16QAM	1	5	17.73	17.74	17.91	19.5	0	
1.4	16QAM	3	0	17.65	17.84	17.71			
1.4	16QAM	3	1	17.86	17.94	17.69			
1.4	16QAM	3	3	17.77	17.87	17.81	19.5	0	
1.4	16QAM	6	0	17.70	17.72	17.87			
1.4	64QAM	1	0	17.72	17.78	17.67			
1.4	64QAM	1	3	17.76	17.83	17.77	19.5	0	
1.4	64QAM	1	5	17.75	17.82	17.67			
1.4	64QAM	3	0	17.84	17.94	17.78			
1.4	64QAM	3	1	17.65	17.80	17.69	19.5	0	
1.4	64QAM	3	3	17.62	17.81	17.74			
1.4	64QAM	6	0	17.57	17.79	17.71			

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				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	17.42	17.45	17.33	19	0			
20	QPSK	1	49	17.30	17.36	17.27					
20	QPSK	1	99	17.29	17.38	17.30					
20	QPSK	50	0	17.31	17.43	17.30	19	0			
20	QPSK	50	24	17.18	17.30	17.23					
20	QPSK	50	50	17.39	17.42	17.35					
20	QPSK	100	0	17.22	17.34	17.30	19	0			
20	16QAM	1	0	17.23	17.28	17.23					
20	16QAM	1	49	17.26	17.32	17.26					
20	16QAM	1	99	17.22	17.28	17.22	19	0			
20	16QAM	50	0	17.28	17.33	17.28					
20	16QAM	50	24	17.21	17.32	17.22					
20	16QAM	50	50	17.23	17.32	17.27	19	0			
20	16QAM	100	0	17.22	17.33	17.28					
20	64QAM	1	0	17.23	17.32	17.29					
20	64QAM	1	49	17.34	17.37	17.32	19	0			
20	64QAM	1	99	17.34	17.38	17.25					
20	64QAM	50	0	17.19	17.29	17.16					
20	64QAM	50	24	17.26	17.31	17.25	19	0			
20	64QAM	50	50	17.26	17.30	17.20					
20	64QAM	100	0	17.30	17.34	17.21					
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	17.34	17.38	17.26	19	0			
15	QPSK	1	37	17.24	17.26	17.20					
15	QPSK	1	74	17.16	17.28	17.23					
15	QPSK	36	0	17.25	17.30	17.20	19	0			
15	QPSK	36	20	17.10	17.23	17.12					
15	QPSK	36	39	17.33	17.32	17.32					
15	QPSK	75	0	17.10	17.28	17.24	19	0			
15	16QAM	1	0	17.11	17.18	17.12					
15	16QAM	1	37	17.15	17.33	17.17					
15	16QAM	1	74	17.14	17.23	17.11	19	0			
15	16QAM	36	0	17.23	17.25	17.18					
15	16QAM	36	20	17.15	17.26	17.15					
15	16QAM	36	39	17.12	17.28	17.15	19	0			
15	16QAM	75	0	17.09	17.21	17.15					
15	64QAM	1	0	17.13	17.23	17.25					
15	64QAM	1	37	17.23	17.34	17.24	19	0			
15	64QAM	1	74	17.28	17.33	17.18					
15	64QAM	36	0	17.07	17.25	17.04					
15	64QAM	36	20	17.14	17.23	17.19	19	0			
15	64QAM	36	39	17.18	17.23	17.11					
15	64QAM	75	0	17.22	17.27	17.10					
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	17.33	17.39	17.27	19	0			
10	QPSK	1	25	17.26	17.32	17.15					
10	QPSK	1	49	17.26	17.32	17.24					
10	QPSK	25	0	17.19	17.36	17.18	19	0			
10	QPSK	25	12	17.14	17.22	17.17					
10	QPSK	25	25	17.36	17.36	17.24					
10	QPSK	50	0	17.09	17.29	17.21	19	0			
10	16QAM	1	0	17.12	17.17	17.10					
10	16QAM	1	25	17.17	17.34	17.17					
10	16QAM	1	49	17.10	17.20	17.15	19	0			
10	16QAM	25	0	17.15	17.20	17.17					
10	16QAM	25	12	17.15	17.25	17.09					
10	16QAM	25	25	17.10	17.25	17.22	19	0			
10	16QAM	50	0	17.12	17.29	17.19					
10	64QAM	1	0	17.14	17.29	17.18					
10	64QAM	1	25	17.29	17.28	17.29	19	0			
10	64QAM	1	49	17.22	17.27	17.21					
10	64QAM	25	0	17.15	17.21	17.12					
10	64QAM	25	12	17.15	17.26	17.18	19	0			
10	64QAM	25	25	17.15	17.21	17.08					
10	64QAM	50	0	17.27	17.28	17.16					
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	17.33	17.36	17.24	19	0			
5	QPSK	1	12	17.22	17.32	17.16					
5	QPSK	1	24	17.20	17.31	17.20					
5	QPSK	12	0	17.21	17.35	17.19	19	0			
5	QPSK	12	7	17.08	17.25	17.12					
5	QPSK	12	13	17.30	17.36	17.24					
5	QPSK	25	0	17.10	17.26	17.18	19	0			
5	16QAM	1	0	17.11	17.18	17.20					
5	16QAM	1	12	17.17	17.27	17.23					
5	16QAM	1	24	17.17	17.18	17.17	19	0			
5	16QAM	12	0	17.16	17.22	17.16					
5	16QAM	12	7	17.10	17.23	17.14					
5	16QAM	12	13	17.13	17.21	17.18	19	0			
5	16QAM	25	0	17.14	17.20	17.16					
5	64QAM	1	0	17.19	17.28	17.21					
5	64QAM	1	12	17.29	17.31	17.23	19	0			
5	64QAM	1	24	17.25	17.28	17.12					
5	64QAM	12	0	17.08	17.20	17.05					
5	64QAM	12	7	17.20	17.18	17.14	19	0			
5	64QAM	12	13	17.22	17.24	17.11					
5	64QAM	25	0	17.20	17.25	17.09					
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	17.37	17.40	17.20	19	0			
3	QPSK	1	8	17.22	17.32	17.24					
3	QPSK	1	14	17.25	17.30	17.21					
3	QPSK	8	0	17.19	17.33	17.21	19	0			
3	QPSK	8	4	17.09	17.18	17.19					
3	QPSK	8	7	17.30	17.34	17.28					
3	QPSK	15	0	17.16	17.30	17.19	19	0			
3	16QAM	1	0	17.17	17.20	17.15					
3	16QAM	1	8	17.22	17.27	17.18					
3	16QAM	1	14	17.10	17.21	17.12	19	0			
3	16QAM	8	0	17.25	17.28	17.20					
3	16QAM	8	4	17.08	17.22	17.15					
3	16QAM	8	7	17.14	17.24	17.18	19	0			
3	16QAM	15	0	17.18	17.26	17.16					
3	64QAM	1	0	17.16	17.29	17.25					
3	64QAM	1	8	17.31	17.32	17.21	19	0			
3	64QAM	1	14	17.27	17.32	17.20					
3	64QAM	8	0	17.09	17.25	17.11					
3	64QAM	8	4	17.13	17.18	17.14	19	0			
3	64QAM	8	7	17.16	17.26	17.11					
3	64QAM	15	0	17.18	17.25	17.10					
Channel				131973	132322	132665					
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	17.39	17.37	17.24	19	0			
1.4	QPSK	1	3	17.23	17.32	17.16					
1.4	QPSK	1	5	17.20	17.30	17.23					
1.4	QPSK	3	0	17.23	17.36	17.22	19	0			
1.4	QPSK	3	1	17.09	17.20	17.12					
1.4	QPSK	3	3	17.34	17.31	17.26					
1.4	QPSK	6	0	17.19	17.23	17.20	19	0			
1.4	16QAM	1	0	17.17	17.18	17.11					
1.4	16QAM	1	3	17.19	17.30	17.20					
1.4	16QAM	1	5	17.14	17.23	17.11	19	0			
1.4	16QAM	3	0	17.15	17.25	17.15					
1.4	16QAM	3	1	17.17	17.28	17.15					
1.4	16QAM	3	3	17.16	17.24	17.23	19	0			
1.4	16QAM	6	0	17.15	17.25	17.15					
1.4	16QAM	6	0	17.14	17.28	17.22					
1.4	64QAM	1	3	17.24	17.29	17.20	19	0			
1.4	64QAM	1	5	17.27	17.26	17.20					
1.4	64QAM	3	0	17.10	17.18	17.06					
1.4	64QAM	3	1	17.22	17.20	17.15	19	0			
1.4	64QAM	3	3	17.16	17.25	17.15					
1.4	64QAM	6	0	17.25	17.29	17.10					

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	21.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.09	20.18	20.02			
20	QPSK	1	49	20.08	20.16	20.10			
20	QPSK	1	99	20.04	20.10	20.08	21.5	0	
20	QPSK	50	0	20.09	20.13	20.00			
20	QPSK	50	24	19.93	20.06	19.93			
20	QPSK	50	50	20.07	20.11	19.97			
20	QPSK	100	0	19.95	20.07	19.97	21.5	0	
20	16QAM	1	0	19.87	20.04	19.92			
20	16QAM	1	49	20.02	20.10	19.99			
20	16QAM	1	99	19.96	20.06	19.92			
20	16QAM	50	0	20.01	20.14	19.97	21.5	0	
20	16QAM	50	24	19.90	20.03	19.93			
20	16QAM	50	50	20.00	20.06	19.91			
20	16QAM	100	0	20.05	20.11	20.00			
20	64QAM	1	0	20.04	20.08	20.04	21.5	0	
20	64QAM	1	49	19.93	20.05	19.94			
20	64QAM	1	99	19.98	20.15	20.08			
20	64QAM	50	0	19.67	19.74	19.59			
20	64QAM	50	24	19.49	19.65	19.62	21	0.5	
20	64QAM	50	50	19.52	19.76	19.62			
20	64QAM	100	0	19.67	19.72	19.59			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.02	20.06	19.93	21.5	0	
15	QPSK	1	37	20.04	20.04	19.98			
15	QPSK	1	74	20.00	20.06	19.95			
15	QPSK	36	0	20.04	20.01	19.95			
15	QPSK	36	20	19.89	19.98	19.86	21.5	0	
15	QPSK	36	39	19.93	19.97	19.88			
15	QPSK	75	0	19.81	20.03	19.92			
15	16QAM	1	0	19.73	19.98	19.80			
15	16QAM	1	37	19.90	19.98	19.95	21.5	0	
15	16QAM	1	74	19.90	20.01	19.81			
15	16QAM	36	0	19.88	20.06	19.92			
15	16QAM	36	20	19.81	19.90	19.86			
15	16QAM	36	39	19.91	20.00	19.79	21.5	0	
15	16QAM	75	0	19.91	19.99	19.95			
15	64QAM	1	0	19.95	19.97	19.98			
15	64QAM	1	37	19.81	19.91	19.81			
15	64QAM	1	74	19.90	20.06	20.04	21	0.5	
15	64QAM	36	0	19.57	19.68	19.47			
15	64QAM	36	20	19.45	19.50	19.52			
15	64QAM	36	39	19.44	19.71	19.53			
15	64QAM	75	0	19.56	19.68	19.54	Channel	MPR (dB)	
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	19.97	20.10	19.98	21.5	0	
10	QPSK	1	25	19.95	20.04	20.02			
10	QPSK	1	49	19.96	19.99	19.95			
10	QPSK	25	0	19.98	20.07	19.90			
10	QPSK	25	12	19.86	19.99	19.81	21.5	0	
10	QPSK	25	25	19.98	20.00	19.85			
10	QPSK	50	0	19.91	19.98	19.93			
10	16QAM	1	0	19.75	19.97	19.87			
10	16QAM	1	25	19.94	20.03	19.91	21.5	0	
10	16QAM	1	49	19.86	20.01	19.85			
10	16QAM	25	0	19.88	20.08	19.83			
10	16QAM	25	12	19.85	20.00	19.78			
10	16QAM	25	25	19.96	19.97	19.85	21.5	0	
10	16QAM	50	0	20.02	20.02	19.92			
10	64QAM	1	0	20.00	19.98	19.98			
10	64QAM	1	25	19.89	19.94	19.86			
10	64QAM	1	49	19.92	20.04	19.98	21.5	0	
10	64QAM	25	0	19.60	19.62	19.46			
10	64QAM	25	12	19.40	19.50	19.58			
10	64QAM	25	25	19.46	19.67	19.49			
10	64QAM	50	0	19.59	19.66	19.55	21	0.5	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.98	20.06	19.92	21.5	0	
5	QPSK	1	12	19.98	20.08	20.00			
5	QPSK	1	24	19.98	19.98	19.98			
5	QPSK	12	0	20.02	20.07	19.87			
5	QPSK	12	7	19.87	20.03	19.79	21.5	0	
5	QPSK	12	13	19.96	20.06	19.88			
5	QPSK	25	0	19.80	19.99	19.82			
5	16QAM	1	0	19.84	19.96	19.80			
5	16QAM	1	12	19.93	20.00	19.94	21.5	0	
5	16QAM	1	24	19.85	19.91	19.86			
5	16QAM	12	0	19.91	20.08	19.91			
5	16QAM	12	7	19.75	19.90	19.88			
5	16QAM	12	13	19.92	19.98	19.77	21.5	0	
5	16QAM	25	0	19.92	20.07	19.91			
5	64QAM	1	0	19.98	19.93	19.89			
5	64QAM	1	12	19.80	19.92	19.81			
5	64QAM	1	24	19.89	20.11	19.96	21.5	0	
5	64QAM	12	0	19.57	19.60	19.49			
5	64QAM	12	7	19.45	19.54	19.55			
5	64QAM	12	13	19.46	19.67	19.53			
5	64QAM	25	0	19.52	19.57	19.44	21	0.5	

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			22	0	
Frequency (MHz)				2310					
10	QPSK	1	0		20.59				
10	QPSK	1	25		20.51				
10	QPSK	1	49		20.49		22	0	
10	QPSK	25	0		20.48				
10	QPSK	25	12		20.42				
10	QPSK	25	25		20.46				
10	QPSK	50	0		20.50		22	0	
10	16QAM	1	0		20.50				
10	16QAM	1	25		20.44				
10	16QAM	1	49		20.52				
10	16QAM	25	0		20.54		22	0	
10	16QAM	25	12		20.56				
10	16QAM	25	25		20.44				
10	16QAM	50	0		20.51				
10	64QAM	1	0		20.52		22	0	
10	64QAM	1	25		20.51				
10	64QAM	1	49		20.52				
10	64QAM	25	0		19.62				
10	64QAM	25	12		19.72		21	1	
10	64QAM	25	25		19.63				
10	64QAM	50	0		19.68				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	20.56	20.44	20.50	22	0	
5	QPSK	1	12	20.39	20.41	20.45			
5	QPSK	1	24	20.35	20.32	20.43			
5	QPSK	12	0	20.35	20.39	20.35			
5	QPSK	12	7	20.35	20.38	20.32	22	0	
5	QPSK	12	13	20.33	20.44	20.44			
5	QPSK	25	0	20.41	20.37	20.44			
5	16QAM	1	0	20.40	20.34	20.44			
5	16QAM	1	12	20.33	20.32	20.32	22	0	
5	16QAM	1	24	20.35	20.47	20.45			
5	16QAM	12	0	20.50	20.48	20.41			
5	16QAM	12	7	20.49	20.39	20.50			
5	16QAM	12	13	20.42	20.33	20.30	22	0	
5	16QAM	25	0	20.45	20.49	20.38			
5	64QAM	1	0	20.39	20.45	20.35			
5	64QAM	1	12	20.40	20.43	20.43			
5	64QAM	1	24	20.46	20.48	20.47	22	0	
5	64QAM	12	0	19.58	19.55	19.51			
5	64QAM	12	7	19.59	19.60	19.56			
5	64QAM	12	13	19.51	19.50	19.58			
5	64QAM	25	0	19.58	19.61	19.57	21	1	



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 limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	0	21.08	20.95	21.20	22.5	0	
30	QPSK	1	48	21.08	21.17	21.01			
30	QPSK	1	96	21.04	21.08	21.00			
30	QPSK	50	0	21.07	21.14	21.01			
30	QPSK	50	24	21.12	21.06	21.06	22.5	0	
30	QPSK	50	50	21.00	21.12	21.00			
30	QPSK	100	0	21.01	21.08	21.05			
30	HQAM	1	0	21.13	21.04	21.13			
30	HQAM	1	48	21.17	21.16	21.02	22.5	0	
30	HQAM	1	96	21.15	21.15	21.14			
30	HQAM	50	0	20.19	20.15	20.09			
30	HQAM	50	24	20.02	20.14	20.16			
30	HQAM	50	50	20.04	20.10	20.16	22	0.5	
30	HQAM	100	0	20.05	20.10	20.05			
30	HQAM	1	0	20.18	20.22	20.14			
30	HQAM	1	48	20.16	20.21	20.13			
30	HQAM	50	0	19.10	19.22	19.15	21	1.5	
30	HQAM	50	24	19.15	19.22	19.10			
30	HQAM	50	50	19.03	19.15	19.02			
30	HQAM	100	0	19.09	19.19	19.17			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.19	21.16	21.12	22.5	0	
15	QPSK	1	37	21.15	21.18	21.10			
15	QPSK	1	74	21.04	21.20	21.12			
15	QPSK	36	0	21.15	21.12	21.17	22.5	0	
15	QPSK	36	18	21.15	21.13	21.08			
15	QPSK	36	36	21.11	21.09	21.07			
15	QPSK	75	0	21.02	21.06	21.07	22.5	0	
15	HQAM	1	0	21.02	21.06	21.02			
15	HQAM	1	37	21.12	21.18	21.14	22.5	0	
15	HQAM	1	74	21.09	21.23	21.11			
15	HQAM	36	0	20.13	20.19	20.08			
15	HQAM	36	20	20.09	20.14	20.10	22	0.5	
15	HQAM	36	36	20.05	20.12	20.18			
15	HQAM	75	0	20.16	20.22	20.18			
15	HQAM	1	0	20.13	20.22	20.19	22	0.5	
15	HQAM	1	74	20.05	20.17	20.11			
15	HQAM	36	0	19.16	19.22	19.24			
15	HQAM	36	20	19.17	19.23	19.17	21	1.5	
15	HQAM	36	36	19.04	19.12	19.05			
15	HQAM	75	0	19.01	19.10	19.11			
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.20	21.05	21.23	22.5	0	
10	QPSK	1	25	21.14	21.24	21.16			
10	QPSK	1	48	21.21	21.24	21.16			
10	QPSK	25	0	21.17	21.17	21.17	22.5	0	
10	QPSK	25	12	21.14	21.20	21.11			
10	QPSK	25	25	21.04	21.19	21.14			
10	QPSK	50	0	21.02	21.21	21.08			
10	HQAM	1	0	21.12	21.16	21.08	22.5	0	
10	HQAM	1	25	21.16	21.13	21.13			
10	HQAM	1	48	21.16	21.21	21.18			
10	HQAM	25	0	20.20	20.28	20.31			
10	HQAM	25	12	20.14	20.28	20.14	22	0.5	
10	HQAM	25	25	20.09	20.17	20.05			
10	HQAM	50	0	20.12	20.31	20.25			
10	HQAM	1	25	20.07	20.16	20.05	22	0.5	
10	HQAM	1	48	20.19	20.28	20.23			
10	HQAM	36	0	19.16	19.31	19.21			
10	HQAM	36	18	19.25	19.39	19.28	21	1.5	
10	HQAM	36	36	19.04	19.30	19.08			
10	HQAM	75	0	19.15	19.35	19.08			
10	HQAM	150	0	19.15	19.35	19.11			
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.19	21.16	21.18	22.5	0	
5	QPSK	1	12	21.19	21.10	21.09			
5	QPSK	1	24	21.23	21.23	21.17			
5	QPSK	12	0	21.13	21.15	21.08	22.5	0	
5	QPSK	12	7	21.14	21.15	21.21			
5	QPSK	12	13	21.13	21.22	21.16			
5	QPSK	25	0	21.05	21.12	21.01			
5	HQAM	1	0	21.09	21.19	21.15	22.5	0	
5	HQAM	1	12	21.23	21.20	21.13			
5	HQAM	1	24	21.18	21.19	21.20			
5	HQAM	12	0	20.25	20.23	20.24			
5	HQAM	12	7	20.13	20.30	20.08	22	0.5	
5	HQAM	12	13	20.15	20.15	20.08			
5	HQAM	25	0	20.21	20.31	20.24			
5	HQAM	1	0	20.13	20.31	20.05			
5	HQAM	1	12	20.08	20.19	20.02	22	0.5	
5	HQAM	1	24	20.16	20.23	20.05			
5	HQAM	12	0	19.19	19.41	19.27			
5	HQAM	12	7	19.27	19.26	19.28	21	1.5	
5	HQAM	12	13	19.02	19.15	19.07			
5	HQAM	25	0	19.10	19.28	19.31			

Band 41 Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Power Mid Ch / Freq	Power Power High Mid Ch / Freq	Power Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.42	21.28	21.50	21.60	21.48	22.5	0
20	QPSK	1	48	21.37	21.28	21.42	21.35	21.21		
20	QPSK	1	96	21.34	21.16	21.25	21.30	21.28		
20	QPSK	50	0	20.30	20.28	20.43	20.31	20.40		
20	QPSK	50	24	20.39	20.24	20.38	20.31	20.42	22	0.5
20	QPSK	50	50	20.38	20.20	20.43	20.28	20.38		
20	16QAM	1	0	21.38	21.12	21.40	21.34	21.34		
20	16QAM	1	48	21.18	21.08	21.22	21.40	21.29		
20	16QAM	1	96	21.13	21.11	21.37	21.42	21.18	22.5	0
20	16QAM	50	0	20.42	20.30	20.62	20.55	20.49		
20	16QAM	50	24	20.50	20.35	20.47	20.34	20.48		
20	16QAM	50	50	20.27	20.32	20.51	20.38	20.46		
20	16QAM	100	0	20.22	20.17	20.31	20.49	20.39	22	0.5
20	64QAM	1	0	20.14	20.09	20.23	20.40	20.34		
20	64QAM	1	48	20.21	20.60	20.20	20.35	20.26		
20	64QAM	1	96	20.15	20.13	20.14	20.15	20.07		
20	64QAM	50	0	19.45	19.31	19.50	19.42	19.38	21	1.5
20	64QAM	50	24	19.44	19.25	19.43	19.43	19.38		
20	64QAM	50	50	19.32	19.23	19.46	19.22	19.35		
20	64QAM	100	0	19.41	19.17	19.42	19.37	19.21		
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.30	21.20	21.44	21.57	21.52	23	0
15	QPSK	1	37	21.27	21.16	21.32	21.28	21.11		
15	QPSK	1	74	21.14	21.07	21.15	21.13	21.19		
15	QPSK	36	0	20.27	20.17	20.41	20.32	20.33		
15	QPSK	36	18	20.24	20.12	20.38	20.19	20.29	22	0.5
15	QPSK	36	36	20.31	20.15	20.30	20.16	20.24		
15	QPSK	75	0	20.28	20.21	20.28	20.29	20.30		
15	16QAM	1	0	21.25	21.07	21.27	21.29	21.21		
15	16QAM	1	37	21.10	21.00	21.08	21.10	21.04	22.5	0
15	16QAM	1	74	21.01	20.97	21.29	21.38	21.08		
15	16QAM	36	0	20.30	20.24	20.53	20.49	20.44		
15	16QAM	36	20	20.42	20.14	20.37	20.34	20.44		
15	16QAM	36	36	20.14	20.21	20.43	20.22	20.37	22	0.5
15	16QAM	75	0	20.20	20.08	20.18	20.31	20.25		
15	64QAM	1	0	20.01	20.01	20.18	20.33	20.18		
15	64QAM	1	37	20.36	20.17	20.29	20.41	20.41		
15	64QAM	1	74	20.43	20.22	20.40	20.28	20.42	21	1.5
15	64QAM	36	0	19.40	19.19	19.32	19.32	19.21		
15	64QAM	36	20	19.38	19.13	19.31	19.32	19.20		
15	64QAM	36	36	19.26	19.17	19.35	19.14	19.20		
15	64QAM	75	0	19.34	19.09	19.30	19.21	19.24		
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.01	20.46	20.60	21.00	21.40	22.50	0
10	QPSK	1	25	21.31	21.09	21.41	21.34	21.21		
10	QPSK	1	50	21.23	21.21	21.32	21.28	21.15		
10	QPSK	4	0	21.19	21.09	21.12	21.14	21.12		
10	QPSK	25	0	20.26	20.24	20.34	20.24	20.34	22	0.5
10	QPSK	25	12	20.31	20.12	20.25	20.17	20.33		
10	QPSK	25	25	20.29	20.16	20.28	20.16	20.30		
10	QPSK	50	0	20.30	20.14	20.35	20.20	20.31		
10	16QAM	1	0	21.28	21.05	21.30	21.27	21.23	22.5	0
10	16QAM	1	25	21.10	21.05	21.21	21.18	21.18		
10	16QAM	1	50	21.08	20.98	21.29	21.34	21.08		
10	16QAM	25	0	20.46	20.17	20.47	20.45	20.34		
10	16QAM	25	12	20.51	20.17	20.47	20.35	20.38	22	0.5
10	16QAM	25	25	20.48	20.17	20.44	20.27	20.37		
10	16QAM	50	0	20.27	20.08	20.17	20.35	20.34		
10	16QAM	50	25	20.34	20.19	20.39	20.24	20.34		
10	16QAM	1	25	20.29	20.30	20.49	20.48	20.40	22	0.5
10	64QAM	1	0	20.43	20.22	20.33	20.21	20.36		
10	64QAM	25	0	19.38	19.23	19.39	19.32	19.28		
10	64QAM	25	12	19.33	19.14	19.36	19.37	19.25		
10	64QAM	25	25	19.25	19.20	19.30	19.22	19.25	21	1.5
10	64QAM	50	0	19.30	19.02	19.30	19.20	19.24		
10	64QAM	50	25	19.28	19.18	19.28	19.15	19.25		
10	64QAM	100	0	19.36	19.03	19.36	19.03	19.24		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.31	21.14	21.45	21.43	21.27	22.50	0
5	QPSK	1	12	21.34	21.13	21.34	21.30	21.08		
5	QPSK	1	24	21.38	21.14	21.38	21.31	21.13		
5	QPSK	12	0	20.29	20.23	20.39	20.30	20.31		
5	QPSK	12	7	20.30	20.10	20.34	20.20	20.29	22	0.5
5	QPSK	12	14	20.28	20.13	20.33	20.23	20.23		
5	QPSK	24	0	20.26	20.16	20.27	20.22	20.21		
5	16QAM	1	0	21.24	21.03	21.29	21.27	21.21		
5	16QAM	1	12	21.10	21.03	21.19	21.13	21.18	22.5	0
5	16QAM	1	24	21.02	21.03	21.22	21.30	21.12		
5	16QAM	12	0	20.42	20.22	20.53	20.42	20.39		
5	16QAM	12	6	20.48	20.22	20.53	20.42	20.41		
5	16QAM	12	13	20.22	20.21	20.45	20.25	20.36	22	0.5
5	64QAM	1	0	20.23	20.08	20.17	20.36	20.34		
5	64QAM	12	0	19.38	19.21	19.45	19.38	19.32		
5	64QAM	12	7	19.34	19.14	19.35	19.32	19.27		
5	64QAM	12	13	19.26	19.16	19.35	19.16	19.23	21	1.5
5	64QAM	25	0	19.28	19.08	19.30	19.19	19.20		
5	64QAM	25	6	19.35	19.15	19.35	19.15	19.23		
5	64QAM	25	13	19.28	19.08	19.30	19.19	19.20		

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		824.2	836.4	848.8	
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	19.62	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 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		1850.2	1880	1909.8	
GSM 1 Tx slot	25.82	26.08	25.97	27.00	16.82	17.08	16.97	18.00
GPRS 1 Tx slot	25.81	26.02	25.93	27.00	16.81	17.02	16.93	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	22.68	22.91	24.00	18.42	18.72	18.85	19.74
GPRS 4 Tx slots	21.63	21.04	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)
	9262	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	1860	1907.6		826.4	836.4	846.6	
3GPP Rel 9d AMR 12.2Kbps	19.34	19.35	19.31	20.50	21.92	22.01	21.99	23.00
3GPP Rel 9d 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	20.86	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 6 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	17.63	18.08	17.89	19.50	20.73	20.61	20.72	22.00
3GPP Rel 6 DC-HSDPA Subtest-3	17.36	17.67	17.38	19.00	19.99	20.27	20.63	21.50
3GPP Rel 6 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	15.63	15.88	17.00	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	18.84	18.90	18.91	20	0				
20	QPSK	1	49	18.72	18.86	18.78						
20	QPSK	1	99	18.75	18.90	18.78						
20	QPSK	50	0	18.85	18.88	18.76						
20	QPSK	50	24	18.83	18.85	18.81	20	0				
20	QPSK	50	50	18.72	18.84	18.75						
20	QPSK	100	0	18.69	18.82	18.71						
20	16QAM	1	0	18.76	18.91	18.84						
20	16QAM	1	49	18.69	18.84	18.74	20	0				
20	16QAM	1	99	18.71	18.85	18.79						
20	16QAM	50	0	18.85	18.90	18.81						
20	16QAM	50	24	18.74	18.86	18.74						
20	16QAM	50	50	18.77	18.93	18.91	20	0				
20	16QAM	100	0	18.81	18.95	18.86						
20	16QAM	1	0	18.68	18.83	18.77						
20	16QAM	1	49	18.76	18.92	18.81						
20	16QAM	1	99	18.82	18.86	18.71	20	0				
20	16QAM	50	0	18.81	18.90	18.76						
20	16QAM	50	24	18.81	18.89	18.88						
20	16QAM	50	50	18.98	18.88	18.79						
20	16QAM	100	0	18.79	18.86	18.86	20	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.76	18.91	18.80	20	0				
15	QPSK	1	37	18.59	18.81	18.70						
15	QPSK	1	74	18.61	18.75	18.75						
15	QPSK	36	0	18.71	18.82	18.68						
15	QPSK	36	20	18.73	18.73	18.71	20	0				
15	QPSK	36	39	18.63	18.79	18.71						
15	QPSK	75	0	18.66	18.74	18.58						
15	16QAM	1	0	18.71	18.79	18.78						
15	16QAM	1	37	18.61	18.77	18.59	20	0				
15	16QAM	1	74	18.66	18.79	18.68						
15	16QAM	36	0	18.75	18.79	18.75						
15	16QAM	36	20	18.69	18.82	18.71						
15	16QAM	36	39	18.69	18.82	18.86	20	0				
15	16QAM	75	0	18.67	18.82	18.74						
15	16QAM	1	0	18.58	18.80	18.84						
15	16QAM	1	37	18.64	18.83	18.72						
15	16QAM	1	74	18.74	18.73	18.56	20	0				
15	16QAM	36	0	18.72	18.74	18.69						
15	16QAM	36	20	18.69	18.75	18.78						
15	16QAM	36	39	18.88	18.78	18.68						
15	16QAM	75	0	18.64	18.76	18.76	20	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	18.69	18.91	18.79	20	0				
10	QPSK	1	25	18.59	18.78	18.66						
10	QPSK	1	49	18.65	18.86	18.68						
10	QPSK	25	0	18.76	18.79	18.71						
10	QPSK	25	12	18.75	18.79	18.75	20	0				
10	QPSK	25	25	18.64	18.74	18.66						
10	QPSK	50	0	18.61	18.73	18.65						
10	16QAM	1	0	18.71	18.78	18.77						
10	16QAM	1	25	18.55	18.78	18.64	20	0				
10	16QAM	1	49	18.57	18.74	18.66						
10	16QAM	25	0	18.73	18.86	18.75						
10	16QAM	25	12	18.65	18.82	18.65						
10	16QAM	25	25	18.74	18.90	18.79	20	0				
10	16QAM	50	0	18.71	18.86	18.75						
10	16QAM	50	1	18.61	18.72	18.64						
10	16QAM	1	25	18.65	18.79	18.68						
10	16QAM	1	49	18.71	18.80	18.86	20	0				
10	16QAM	25	0	18.75	18.66	18.70						
10	16QAM	25	12	18.75	18.78	18.74						
10	16QAM	25	25	18.91	18.75	18.75						
10	16QAM	50	0	18.75	18.73	18.74	20	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	18.78	18.95	18.83	20	0				
5	QPSK	1	12	18.62	18.78	18.69						
5	QPSK	1	24	18.68	18.79	18.63						
5	QPSK	12	0	18.74	18.78	18.66						
5	QPSK	12	7	18.77	18.76	18.76	20	0				
5	QPSK	12	13	18.58	18.81	18.67						
5	QPSK	25	0	18.64	18.69	18.64						
5	16QAM	1	0	18.65	18.77	18.78						
5	16QAM	1	12	18.65	18.72	18.61	20	0				
5	16QAM	1	24	18.63	18.78	18.67						
5	16QAM	12	0	18.78	18.87	18.67						
5	16QAM	12	7	18.61	18.73	18.70						
5	16QAM	12	13	18.71	18.81	18.77	20	0				
5	16QAM	25	0	18.77	18.90	18.81						
5	16QAM	1	0	18.59	18.73	18.70						
5	16QAM	1	12	18.66	18.86	18.67						
5	16QAM	1	24	18.78	18.77	18.59	20	0				
5	16QAM	12	0	18.74	18.72	18.73						
5	16QAM	12	7	18.71	18.85	18.78						
5	16QAM	12	13	18.87	18.82	18.67						
5	16QAM	25	0	18.73	18.73	18.77	20	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	18.74	18.95	18.88	20	0				
3	QPSK	1	8	18.57	18.82	18.69						
3	QPSK	1	14	18.70	18.86	18.75						
3	QPSK	8	0	18.71	18.73	18.69						
3	QPSK	8	4	18.72	18.70	18.73	20	0				
3	QPSK	8	7	18.65	18.77	18.62						
3	QPSK	15	0	18.66	18.76	18.56						
3	16QAM	1	0	18.63	18.82	18.75						
3	16QAM	1	8	18.59	18.73	18.66	20	0				
3	16QAM	1	14	18.66	18.78	18.66						
3	16QAM	8	0	18.75	18.77	18.78						
3	16QAM	8	4	18.70	18.78	18.65						
3	16QAM	8	7	18.62	18.81	18.81	20	0				
3	16QAM	15	0	18.75	18.92	18.80						
3	16QAM	1	0	18.60	18.79	18.71						
3	16QAM	1	8	18.72	18.80	18.70						
3	16QAM	1	14	18.75	18.75	18.64	20	0				
3	16QAM	8	0	18.76	18.76	18.71						
3	16QAM	8	4	18.71	18.82	18.76						
3	16QAM	8	7	18.95	18.81	18.75						
3	16QAM	15	0	18.75	18.82	18.76	20	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	18.72	18.95	18.83	20	0				
1.4	QPSK	1	3	18.64	18.79	18.64						
1.4	QPSK	1	5	18.65	18.86	18.65						
1.4	QPSK	3	0	18.81	18.77	18.69						
1.4	QPSK	3	1	18.74	18.80	18.68	20	0				
1.4	QPSK	3	3	18.58	18.70	18.61						
1.4	QPSK	6	0	18.57	18.69	18.58						
1.4	16QAM	1	0	18.67	18.82	18.77						
1.4	16QAM	1	3	18.65	18.78	18.67	20	0				
1.4	16QAM	1	5	18.66	18.71	18.68						
1.4	16QAM	3	0	18.75	18.85	18.71						
1.4	16QAM	3	1	18.62	18.81	18.66						
1.4	16QAM	3	3	18.63	18.89	18.86	20	0				
1.4	16QAM	6	0	18.72	18.91	18.83						
1.4	16QAM	1	0	18.57	18.71	18.68						
1.4	16QAM	1	3	18.61	18.86	18.71						
1.4	16QAM	1	5	18.76	18.81	18.84	20	0				
1.4	16QAM	3	0	18.80	18.83	18.71						
1.4	16QAM	3	1	18.82	18.94	18.90						
1.4	16QAM	3	3	18.94	18.91	18.83						
1.4	16QAM	6	0	18.66	18.75	18.83	20	0				

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			23	0
Frequency (MHz)				712				
10	QPSK	1	0		21.21		22	1
10	QPSK	1	25		21.18			
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			
10	16QAM	1	25		20.24		21	2
10	16QAM	1	49		20.31			
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			
10	64QAM	1	49		19.40		20	3
10	64QAM	25	0		18.40			
10	64QAM	25	12		18.36			
10	64QAM	25	25		18.47			
10	64QAM	50	0		18.42		23	0
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	23	0
5	QPSK	1	0	21.18	21.19	21.16		
5	QPSK	1	12	21.17	21.18	21.10	22	1
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		
5	QPSK	12	13	20.24	20.26	20.32	22	1
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		
5	16QAM	1	24	20.31	20.31	20.35	21	2
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		
5	16QAM	25	0	19.44	19.37	19.37	21	2
5	64QAM	1	0	19.33	19.34	19.44		
5	64QAM	1	12	19.54	19.44	19.50		
5	64QAM	1	24	19.31	19.40	19.33		
5	64QAM	12	0	18.48	18.40	18.38	20	3
5	64QAM	12	7	18.44	18.36	18.31		
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			23	0
Frequency (MHz)				793				
10	QPSK	1	0		21.24		22	1
10	QPSK	1	25		21.18			
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			
10	16QAM	1	25		20.24		21	2
10	16QAM	1	49		20.31			
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			
10	64QAM	1	49		19.45		20	3
10	64QAM	25	0		18.38			
10	64QAM	25	12		18.47			
10	64QAM	25	25		18.47			
10	64QAM	50	0		18.35		23	0
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5	23	0
5	QPSK	1	0	21.23	21.17	21.13		
5	QPSK	1	12	21.10	21.18	21.09	22	1
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		
5	QPSK	12	13	20.30	20.20	20.15	22	1
5	QPSK	25	0	20.17	20.18	20.25		
5	16QAM	1	0	20.35	20.28	20.20		
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	19.28	19.27		
5	16QAM	12	13	19.20	19.33	19.25		
5	16QAM	25	0	19.20	19.39	19.42	21	2
5	64QAM	1	0	19.34	19.20	19.35		
5	64QAM	1	12	19.24	19.41	19.28		
5	64QAM	1	24	19.45	19.43	19.25		
5	64QAM	12	0	18.24	18.20	18.36	20	3
5	64QAM	12	7	18.17	18.44	18.24		
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	23790	23800	23	0
Frequency (MHz)				710	711	711		
10	QPSK	1	0	21.25	21.30	21.28	22	1
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		
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	21	2
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		
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		
10	64QAM	1	49	19.25	19.12	19.29	20	3
10	64QAM	25	0	18.29	18.45	18.36		
10	64QAM	25	12	18.28	18.25	18.45		
10	64QAM	25	25	18.26	18.44	18.45		
10	64QAM	50	0	18.44	18.41	18.25	23	0
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	23	0
5	QPSK	1	0	21.12	21.15	21.29		
5	QPSK	1	12	21.09	21.16	21.23	22	1
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		
5	QPSK	12	13	20.23	20.25	20.24	22	1
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		
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	19.06		
5	16QAM	12	13	19.25	19.04	19.25		
5	16QAM	25	0	19.20	19.15	19.18	21	2
5	64QAM	1	0	19.34	19.25	19.31		
5	64QAM	1	12	19.02	19.04	19.36		
5	64QAM	1	24	19.15	19.33	19.15		
5	64QAM	12	0	18.31	18.33	18.29	20	3
5	64QAM	12	7	18.24	18.25	18.39		
5	64QAM	12	13	18.25	18.35	18.24		
5	64QAM	25	0	18.35	18.19	18.12		

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)				1860	1880	1905			
20	QPSK	1	0	18.87	19.02	18.92	20	0	
20	QPSK	1	49	18.91	19.00	18.88			
20	QPSK	1	99	18.87	18.89	18.86			
20	QPSK	50	0	18.93	19.06	18.87			
20	QPSK	50	24	18.79	18.90	18.85	20	0	
20	QPSK	50	50	18.78	18.95	18.79			
20	QPSK	100	0	18.77	18.88	18.73			
20	16QAM	1	0	18.79	18.85	18.89			
20	16QAM	1	49	18.87	19.00	18.88	20	0	
20	16QAM	1	99	18.74	18.90	18.73			
20	16QAM	50	0	18.85	18.91	18.86			
20	16QAM	50	24	18.84	18.86	18.78			
20	16QAM	50	50	18.86	18.97	18.92	20	0	
20	16QAM	100	0	18.85	18.98	18.93			
20	64QAM	1	0	18.87	18.94	18.87			
20	64QAM	1	49	18.80	18.88	18.77			
20	64QAM	1	99	18.82	18.86	18.83	20	0	
20	64QAM	50	0	18.93	18.95	18.78			
20	64QAM	50	24	18.86	18.70	18.92			
20	64QAM	50	50	18.82	18.91	18.98			
20	64QAM	100	0	18.86	18.78	18.99			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	18.73	18.96	18.81	20	0	
15	QPSK	1	37	18.77	18.91	18.74			
15	QPSK	1	74	18.81	18.84	18.78			
15	QPSK	36	0	18.83	18.90	18.83			
15	QPSK	36	20	18.72	18.82	18.73	20	0	
15	QPSK	36	39	18.64	18.86	18.75			
15	QPSK	75	0	18.68	18.80	18.60			
15	16QAM	1	0	18.72	18.81	18.81			
15	16QAM	1	37	18.78	18.88	18.77	20	0	
15	16QAM	1	74	18.66	18.81	18.65			
15	16QAM	36	0	18.73	18.86	18.75			
15	16QAM	36	20	18.71	18.78	18.70			
15	16QAM	36	39	18.71	18.89	18.87	20	0	
15	16QAM	75	0	18.77	18.85	18.84			
15	64QAM	1	0	18.83	18.90	18.75			
15	64QAM	1	37	18.75	18.81	18.70			
15	64QAM	1	74	18.72	18.79	18.70	20	0	
15	64QAM	36	0	18.87	18.82	18.66			
15	64QAM	36	20	18.71	18.55	18.80			
15	64QAM	36	39	18.78	18.81	18.91			
15	64QAM	75	0	18.75	18.74	18.90			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	18.74	18.98	18.84	20	0	
10	QPSK	1	25	18.77	18.90	18.73			
10	QPSK	1	49	18.78	18.81	18.73			
10	QPSK	25	0	18.80	18.91	18.81			
10	QPSK	25	12	18.65	18.81	18.74	20	0	
10	QPSK	25	25	18.70	18.89	18.69			
10	QPSK	50	0	18.70	18.82	18.64			
10	16QAM	1	0	18.71	18.84	18.79			
10	16QAM	1	25	18.73	18.90	18.74	20	0	
10	16QAM	1	49	18.69	18.84	18.67			
10	16QAM	25	0	18.81	18.78	18.74			
10	16QAM	25	12	18.71	18.77	18.70			
10	16QAM	25	25	18.74	18.87	18.83	20	0	
10	16QAM	50	0	18.80	18.87	18.80			
10	64QAM	1	0	18.78	18.90	18.76			
10	64QAM	1	25	18.76	18.81	18.71			
10	64QAM	1	49	18.70	18.79	18.74	20	0	
10	64QAM	25	0	18.83	18.90	18.74			
10	64QAM	25	12	18.79	18.59	18.83			
10	64QAM	25	25	18.75	18.77	18.93			
10	64QAM	50	0	18.81	18.73	18.93			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	18.81	18.90	18.79	20	0	
5	QPSK	1	12	18.87	18.93	18.77			
5	QPSK	1	24	18.80	18.84	18.79			
5	QPSK	12	0	18.80	18.91	18.74			
5	QPSK	12	7	18.69	18.82	18.78	20	0	
5	QPSK	12	13	18.74	18.82	18.75			
5	QPSK	25	0	18.70	18.74	18.60			
5	16QAM	1	0	18.66	18.84	18.84			
5	16QAM	1	12	18.82	18.93	18.73	20	0	
5	16QAM	1	24	18.66	18.81	18.65			
5	16QAM	12	0	18.74	18.83	18.79			
5	16QAM	12	7	18.78	18.75	18.70			
5	16QAM	12	13	18.71	18.93	18.86	20	0	
5	16QAM	25	0	18.70	18.84	18.79			
5	64QAM	1	0	18.75	18.84	18.83			
5	64QAM	1	12	18.68	18.82	18.66			
5	64QAM	1	24	18.76	18.72	18.78	20	0	
5	64QAM	12	0	18.82	18.92	18.71			
5	64QAM	12	7	18.77	18.56	18.81			
5	64QAM	12	13	18.68	18.87	18.92			
5	64QAM	25	0	18.72	18.67	18.87			
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	18.73	18.92	18.86	20	0	
3	QPSK	1	8	18.85	18.85	18.80			
3	QPSK	1	14	18.84	18.84	18.81			
3	QPSK	8	0	18.87	18.90	18.73			
3	QPSK	8	4	18.68	18.86	18.79	20	0	
3	QPSK	8	7	18.67	18.84	18.68			
3	QPSK	15	0	18.70	18.79	18.58			
3	16QAM	1	0	18.72	18.88	18.82			
3	16QAM	1	8	18.74	18.88	18.76	20	0	
3	16QAM	1	14	18.68	18.85	18.62			
3	16QAM	8	0	18.73	18.81	18.83			
3	16QAM	8	4	18.72	18.72	18.65			
3	16QAM	8	7	18.75	18.86	18.82	20	0	
3	16QAM	15	0	18.74	18.94	18.81			
3	64QAM	1	0	18.77	18.89	18.75			
3	64QAM	1	8	18.68	18.76	18.70			
3	64QAM	1	14	18.78	18.77	18.76	20	0	
3	64QAM	8	0	18.85	18.87	18.71			
3	64QAM	8	4	18.78	18.55	18.88			
3	64QAM	8	7	18.74	18.80	18.84			
3	64QAM	15	0	18.82	18.69	18.90			
Channel				25947	26340	26633	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	18.82	18.93	18.81	20	0	
1.4	QPSK	1	3	18.77	18.85	18.78			
1.4	QPSK	1	5	18.84	18.78	18.80			
1.4	QPSK	3	0	18.88	18.90	18.76			
1.4	QPSK	3	1	18.67	18.86	18.78	20	0	
1.4	QPSK	3	3	18.67	18.90	18.76			
1.4	QPSK	6	0	18.64	18.76	18.62			
1.4	16QAM	1	0	18.68	18.82	18.81			
1.4	16QAM	1	3	18.81	18.95	18.73	20	0	
1.4	16QAM	1	5	18.63	18.86	18.59			
1.4	16QAM	3	0	18.71	18.83	18.76			
1.4	16QAM	3	1	18.72	18.72	18.65			
1.4	16QAM	3	3	18.77	18.90	18.86	20	0	
1.4	16QAM	6	0	18.80	18.94	18.81			
1.4	64QAM	1	0	18.82	18.90	18.73			
1.4	64QAM	1	3	18.70	18.78	18.64			
1.4	64QAM	1	5	18.75	18.76	18.69	20	0	
1.4	64QAM	3	0	18.99	18.83	18.65			
1.4	64QAM	3	1	18.71	18.62	18.79			
1.4	64QAM	3	3	18.74	18.63	18.87			
1.4	64QAM	6	0	18.73	18.67	18.85	20	0	

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	683	686		
20	QPSK	1	0	21.38	21.43	21.36	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	20.35	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 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	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	19.11	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	20	3
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 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		
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	20	3
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 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		
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		

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 DSI6

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 DSI6

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

2CA DL

CA List	PCC								DL Antenna Configuration	SCC			Power		
	LTE Band	BW	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset		LTE Band	BW	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	Without CA Tx Power (dBm)
	Ant														
CA_2C	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 2	20M	1979.8	1098	22.07	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098	21.11	21.25
CA_2A-2A	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 2	5M	1987.5	1175	22.11	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175	21.08	21.25
CA_2A-5A	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 5	10M	881.5	2525	22.10	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525	21.17	21.25
	Band 5	An0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	22.37	22.53
CA_2A-7A	Band 5	An3	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 2	20M	1960	900	21.56	21.65
	Band 2	An0	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	22.19	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	21.13	21.25
CA_2A-12A	Band 7	An11	20M	2535	21100	QPSK	1	0	DL Antenna Configuration	Band 2	20M	1960	900	22.54	22.66
	Band 2	An0	20M	1880	18900	QPSK	1	0		Band 12	10M	737.5	5095	22.09	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 12	10M	737.5	5095	21.06	21.25
CA_2A-13A	Band 12	An0	10M	707.5	23095	QPSK	1	0	DL Antenna Configuration	Band 2	20M	1960	900	22.31	22.39
	Band 2	An3	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	21.11	21.33
	Band 2	An0	20M	1880	18900	QPSK	1	0		Band 13	10M	751	5230	22.13	22.28
CA_2A-14A	Band 2	An3	10M	782	23230	QPSK	1	0	DL Antenna Configuration	Band 13	10M	751	5230	21.13	21.25
	Band 2	An0	20M	1880	18900	QPSK	1	0		Band 2	20M	1960	900	22.16	22.27
	Band 13	An0	10M	782	23230	QPSK	1	0		Band 14	10M	763	5330	22.10	22.28
CA_2A-29A	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 14	10M	763	5330	21.14	21.25
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 2	20M	1960	900	22.14	22.23
	Band 14	An0	10M	793	23330	QPSK	1	0		Band 2	20M	1960	900	21.15	21.24
CA_2A-30A	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 29	10M	722.5	9715	22.23	22.28
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 29	10M	722.5	9715	21.11	21.25
	Band 30	An11	10M	2310	27710	QPSK	1	0		Band 30	10M	2355	9820	22.08	22.28
CA_2A-71A	Band 2	An0	20M	1880	18900	QPSK	1	0	DL Antenna Configuration	Band 30	10M	2355	9820	21.06	21.25
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 2	20M	1960	900	22.45	22.57
	Band 71	An0	20M	683	133322	QPSK	1	0		Band 71	20M	683	68798	22.13	22.28
CA_4A-4A	Band 71	An3	20M	683	133322	QPSK	1	0	DL Antenna Configuration	Band 71	20M	683	68798	21.14	21.25
	Band 2	An0	20M	1880	18900	QPSK	1	0		Band 2	20M	1960	900	22.37	22.45
	Band 2	An3	20M	1880	18900	QPSK	1	0		Band 2	20M	1960	900	21.29	21.43
CA_4A-5A	Band 4	An0	20M	1732.5	20175	QPSK	1	0	DL Antenna Configuration	Band 4	5M	2152.5	2375	22.04	22.22
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525	22.02	22.22
	Band 5	An0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	22.34	22.53
CA_4A-12A	Band 5	An3	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 4	20M	2132.5	2175	21.44	21.65
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 12	10M	737.5	5095	22.01	22.22
	Band 12	An0	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	22.26	22.39
CA_4A-13A	Band 12	An3	10M	707.5	23095	QPSK	1	0	DL Antenna Configuration	Band 4	20M	2132.5	2175	21.15	21.33
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 13	10M	751	5230	22.10	22.22
	Band 13	An0	10M	782	23230	QPSK	1	0		Band 4	20M	2132.5	2175	22.11	22.27
CA_4A-29A	Band 13	An3	10M	782	23230	QPSK	1	0	DL Antenna Configuration	Band 4	20M	2132.5	2175	21.04	21.21
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 29	10M	722.5	9715	22.20	22.28
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 17	10M	740	5790	22.10	22.22
CA_4A-17A	Band 17	An0	10M	710	23790	QPSK	1	0	DL Antenna Configuration	Band 4	20M	2132.5	2175	22.15	22.34
	Band 17	An3	10M	710	23790	QPSK	1	0		Band 4	20M	2132.5	2175	21.23	21.30
	Band 4	An0	20M	1732.5	20175	QPSK	1	0		Band 71	20M	683	68798	22.02	22.22
CA_4A-71A	Band 71	An0	20M	683	133322	QPSK	1	0	DL Antenna Configuration	Band 4	20M	2132.5	2175	22.23	22.45
	Band 71	An3	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	21.23	21.43
	Band 5	An0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597	22.41	22.53
CA_5A-5A	Band 5	An3	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 5	5M	888.7	2597	21.53	21.65
	Band 5	An0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625	22.36	22.53
	Band 5	An3	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625	21.58	21.65
CA_5A-7A	Band 5	An0	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 7	20M	2655	3100	22.45	22.53
	Band 5	An3	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	21.43	21.65
	Band 7	An11	20M	2535	21100	QPSK	1	0		Band 5	10M	881.5	2525	22.56	22.66
CA_5A-30A	Band 5	An0	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 30	10M	2355	9820	22.41	22.53
	Band 5	An3	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	21.54	21.65
	Band 30	An11	10M	2310	27710	QPSK	1	0		Band 5	10M	881.5	2525	22.46	22.57
CA_5A-41A	Band 5	An0	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 41	20M	2593	40620	22.43	22.53
	Band 5	An3	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	21.47	21.65
	Band 41	An11	20M	2593	40620	QPSK	1	0		Band 5	10M	881.5	2525	22.89	23.00
CA_5A-66A	Band 5	An0	10M	836.5	20525	QPSK	1	0	DL Antenna Configuration	Band 66	20M	2155	66898	22.40	22.53
	Band 66	An0	20M	1745	132322	QPSK	1	0		Band 66	20M	2155	66898	21.56	21.65
	Band 66	An3	10M	782	23230	QPSK	1	0		Band 5	10M	881.5	2525	22.15	22.25
CA_7C	Band 7	An11	20M	2535	21100	QPSK	1	0	DL Antenna Configuration	Band 7	20M	2554.8	3298	22.56	22.66
CA_7A-7A	Band 7	An11	20M	2535	21100	QPSK	1	0		Band 7	5M	2687.5	3425	22.56	22.66
CA_7A-12A	Band 7	An11	20M	2535	21100	QPSK	1	0	DL Antenna Configuration	Band 12	10M	737.5	5095	22.48	22.66
	Band 12	An0	10M	707.5	23095	QPSK	1	0		Band 7	20M	2655	3100	22.27	22.39
	Band 12	An3	10M	707.5	23095	QPSK	1	0		Band 7	20M	2655	3100	21.16	21.33
CA_7A-13A	Band 7	An11	20M	2535	21100	QPSK	1	0	DL Antenna Configuration	Band 13	10M	751	5230	22.52	22.66
	Band 13	An0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	22.07	22.27
	Band 13	An3	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	21.08	21.21
CA_7A-25A	Band 7	An11	20M	2535	21100	QPSK	1	0	DL Antenna Configuration	Band 25	20M	1960	8340	22.58	22.66
	Band 25	An0	20M	1880	26340	QPSK	1	0		Band 7	20M	2655	3100	22.17	22.34
	Band 25	An3	20M	1880	26340	QPSK	1	0		Band 7	20M	2655	3100	21.16	21.30
CA_12B	Band 12	An0	10M	707.5	23095	QPSK	1	0	DL Antenna Configuration	Band 12	5M	743.5	5155	22.28	22.39
	Band 12	An3	10M	707.5	23095	QPSK	1	0		Band 12	5M	743.5	5155	21.16	21.33
	Band 12	An0	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	22.26	22.39
CA_12A-30A	Band 12	An3	10M	707.5	23095	QPSK	1	0	DL Antenna Configuration	Band 30	10M	2355	9820	21.19	21.33
	Band 30	An11	10M	2310	27710	QPSK	1	0		Band 12	10M	737.5	5095	22.37	22.57
	Band 30	An11	10M	2310	27710	QPSK	1	0		Band 66	20M	2155	66898	22.22	22.39
CA_12A-66A	Band 12	An0	10M	707.5	23095	QPSK	1	0	DL Antenna Configuration	Band 66	20M	2155	66898	21.16	21.33
	Band 66	An0	20M	1745	132322	QPSK	1	0		Band 12	10M	737.5	5095	22.15	22.25
	Band 13	An3	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66898	22.20	22.27
CA_13A-66A	Band 13	An0	10M	782	23230	QPSK	1	0	DL Antenna Configuration	Band 66	20M	2155	66898	20.99	21.21
	Band 66	An0	20M	1745	132322	QPSK	1	0		Band 13	10M	751	5230	22.12	22.25
	Band 14	An4	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	22.12	22.23
CA_14A-30A	Band 14	An3	10M	793	23330	QPSK	1	0	DL Antenna Configuration	Band 30	10M	2355	9820	21.15	



Ant 5					Ant 5 For Full power For Body-worn Standalone&For Extremity Standalone&For		Ant 5 For Head Standalone		Ant 5 For Head Simultaneous		Ant 5 For Body-worn Simultaneous		Ant 5 For Hotspot		Duty Cycle %
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps		1	2412	20.61	22.00	18.16	19.50	14.61	16.00	16.66	18.00	15.20	16.50	100.00
			6	2437	20.95	22.00	18.21	19.50	14.63	16.00	16.70	18.00	15.25	16.50	
			11	2462	19.04	20.50	18.05	19.50	14.45	16.00	16.53	18.00	14.97	16.50	
	802.11g 6Mbps		1	2412	18.03	19.50	18.03	19.50		16.00		18.00		16.50	100.00
			6	2437	20.27	21.50	18.19	19.50		16.00		18.00		16.50	
			10	2457	18.15	19.50	18.15	19.50		16.00		18.00		16.50	
			11	2462	16.21	18.00	16.21	18.00		16.00		18.00		16.50	
			1	2412	17.51	19.00		19.00		16.00		18.00		16.50	
			6	2437	19.97	21.50		19.50	Not Required	16.00	Not Required	18.00	Not Required	16.50	
			10	2457	17.29	19.00		18.00		16.00		18.00		16.50	
	802.11n-HT20 MCS0		11	2462	16.04	17.50	Not Required	17.50		16.00		17.50		16.50	100.00
			3	2422	16.26	18.00		18.00		16.00		18.00		16.50	
			6	2437	17.38	19.00		19.00		16.00		18.00		16.50	
	802.11n-HT40 MCS0		9	2452	15.31	17.00		17.00		16.00		17.00		16.50	100.00

Ant 4					Ant 4 For Full power For Head Standalone For Body-worn Standalone For Extremity Standalone		Ant 4 For Hotspot		Ant 4 For Head Simultaneous		Ant 4 For Body-worn Simultaneous		Ant 4 For Extremity Simultaneous		Duty Cycle %
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps		36	5180	18.31	20.00		13.00		13.50		17.00		16.50	100.00
			40	5200	18.38	20.00		13.00		13.50		17.00		16.50	
			44	5220	18.61	20.00		13.00		13.50		17.00		16.50	
			48	5240	18.60	20.00		13.00		13.50		17.00		16.50	100.00
			36	5180	18.49	20.00		13.00		13.50		17.00		16.50	
			40	5200	18.52	20.00		13.00		13.50		17.00		16.50	
	802.11n-HT20 MCS0		44	5220	18.53	20.00		13.00		13.50		17.00		16.50	100.00
			48	5240	18.51	20.00		13.00	Not Required	13.50	Not Required	17.00	Not Required	16.50	
			38	5190	17.85	19.50		13.00		13.50		17.00		16.50	
	802.11n-HT40 MCS0		46	5230	18.02	19.50		13.00		13.50		17.00		16.50	100.00
			36	5180	18.53	20.00		13.00		13.50		17.00		16.50	
			40	5200	18.64	20.00		13.00		13.50		17.00		16.50	
	802.11ac-VHT20 MCS0		44	5220	18.55	20.00		13.00		13.50		17.00		16.50	100.00
			48	5240	18.53	20.00		13.00		13.50		17.00		16.50	
			38	5190	17.98	19.50		13.00		13.50		17.00		16.50	
	802.11ac-VHT40 MCS0		46	5230	18.09	19.50		13.00		13.50		17.00		16.50	100.00
			42	5210	17.29	19.00	11.79	13.00	12.32	13.50	15.83	17.00	15.35	16.50	

Ant 4					Ant 4 For Full power For Body-worn Standalone For Extremity Standalone		Ant 4 For Head Standalone		Ant 4 For Head Simultaneous		Ant 4 For Body-worn Simultaneous		Ant 4 For Extremity Simultaneous		Duty Cycle %
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps		52	5280	17.77	19.50		18.50		11.50		15.00		15.50	100.00
			56	5280	17.83	19.50		18.50		11.50		15.00		15.50	
			60	5300	17.84	19.50		18.50		11.50		15.00		15.50	
			64	5320	17.62	19.50		18.50		11.50		15.00		15.50	100.00
			52	5280	17.67	19.50		18.50		11.50		15.00		15.50	
			56	5280	17.72	19.50		18.50		11.50		15.00		15.50	
	802.11n-HT20 MCS0		60	5300	17.74	19.50		18.50		11.50		15.00		15.50	100.00
			84	5320	17.50	19.50	Not Required	18.50	Not Required	11.50	Not Required	15.00	Not Required	15.50	
			54	5270	17.44	19.00		18.50		11.50		15.00		15.50	
	802.11n-HT40 MCS0		62	5310	17.48	19.00		18.50		11.50		15.00		15.50	100.00
			52	5280	17.71	19.50		18.50		11.50		15.00		15.50	
			56	5280	17.76	19.50		18.50		11.50		15.00		15.50	
	802.11ac-VHT20 MCS0		60	5300	17.82	19.50		18.50		11.50		15.00		15.50	100.00
			64	5320	17.53	19.50		18.50		11.50		15.00		15.50	
			54	5270	17.53	19.00		18.50		11.50		15.00		15.50	
	802.11ac-VHT40 MCS0		62	5310	17.57	19.00		18.50		11.50		15.00		15.50	100.00
			58	5290	16.74	18.50	16.74	18.50	9.87	11.50	13.36	15.00	13.91	15.50	

Ant 4					Ant 4 For Full power For Extremity Standalone		Ant 4 For Head Standalone		Ant 4 For Body-worn Standalone		Ant 4 For Head Simultaneous		Ant 4 For Body-worn Simultaneous For Extremity Simultaneous		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.90	18.50	Not Required	16.00	Not Required	18.00	Not Required	9.00	Not Required	13.50	100.00	
		116	5580	16.94	18.50		16.00		18.00		9.00		13.50		
		132	5660	17.51	19.00		16.00		18.00		9.00		13.50		
		140	5700	16.34	18.00		16.00		18.00		9.00		13.50		
		144	5720	17.22	19.00		16.00		18.00		9.00		13.50		
	802.11n-HT20 MCS0	100	5500	16.78	18.50		16.00		18.00		9.00		13.50	100.00	
		116	5580	16.77	18.50		16.00		18.00		9.00		13.50		
		132	5660	17.23	19.00		16.00		18.00		9.00		13.50		
		140	5700	16.29	18.00		16.00		18.00		9.00		13.50		
		144	5720	17.12	19.00		16.00		18.00		9.00		13.50		
	802.11n-HT40 MCS0	102	5510	16.46	18.00		16.00		18.00		9.00		13.50	100.00	
		110	5550	16.51	18.00		16.00		18.00		9.00		13.50		
		134	5670	16.92	18.00		16.00		18.00		9.00		13.50		
		142	5710	17.06	18.50		16.00		18.00		9.00		13.50		
		100	5500	16.84	18.50		16.00		18.00		9.00		13.50		
	802.11ac-VHT20 MCS0	116	5580	16.83	18.50		16.00		18.00		9.00		13.50	100.00	
132		5660	17.34	19.00	16.00	18.00	9.00	13.50							
140		5700	16.33	18.00	16.00	18.00	9.00	13.50							
144		5720	17.19	19.00	16.00	18.00	9.00	13.50							
102		5510	16.51	18.00	16.00	18.00	9.00	13.50							
802.11ac-VHT40 MCS0	110	5550	16.57	18.00	16.00	18.00	9.00	13.50	100.00						
	134	5670	16.97	18.50	16.00	18.00	9.00	13.50							
	142	5710	17.14	18.50	16.00	18.00	9.00	13.50							
802.11ac-VHT80 MCS0	106	5530	16.24	18.00	14.10	16.00	16.02	18.00	7.05	9.00	11.89	13.50	100.00		
	138	5690	17.07	18.50	14.15	16.00	16.13	18.00	7.18	9.00	11.96	13.50			

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