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Appendix: Modulation Calibration Parameters

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

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10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAE	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	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	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	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	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	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAE	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	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	AAE	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	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

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10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	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	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	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	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAD	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	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAG	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	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAB	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	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAD	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	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAG	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	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %

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10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAB	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	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	CAC	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	CAB	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	CAB	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAD	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	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	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	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	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAA	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	AAA	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	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %

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10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAB	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	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	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	AAC	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	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	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	AAA	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	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	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	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAF	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	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %

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10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAC	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	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAF	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	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	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	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAA	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	8.38	± 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	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %

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10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	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 %

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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	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	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	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %

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10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	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 %

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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	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	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	AAC	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	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	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	AAD	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	AAC	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 %

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10823	AAC	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	AAE	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	AAE	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	AAE	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	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %

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10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %

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10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	1.16	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	8.58	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	10.32	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	3.19	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	3.43	± 9.6 %
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6 %
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	± 9.6 %
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	± 9.6 %
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	± 9.6 %
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	± 9.6 %
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	± 9.6 %
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	± 9.6 %
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	± 9.6 %
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	± 9.6 %
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	± 9.6 %
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	± 9.6 %
11013	AAB	IEEE 802.11be (320MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
11014	AAB	IEEE 802.11be (320MHz, MCS2, 99pc duty cycle)	WLAN	8.45	± 9.6 %
11015	AAB	IEEE 802.11be (320MHz, MCS3, 99pc duty cycle)	WLAN	8.44	± 9.6 %
11016	AAB	IEEE 802.11be (320MHz, MCS4, 99pc duty cycle)	WLAN	8.44	± 9.6 %
11017	AAB	IEEE 802.11be (320MHz, MCS5, 99pc duty cycle)	WLAN	8.41	± 9.6 %
11018	AAB	IEEE 802.11be (320MHz, MCS6, 99pc duty cycle)	WLAN	8.40	± 9.6 %
11019	AAB	IEEE 802.11be (320MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
11020	AAB	IEEE 802.11be (320MHz, MCS8, 99pc duty cycle)	WLAN	8.27	± 9.6 %
11021	AAB	IEEE 802.11be (320MHz, MCS9, 99pc duty cycle)	WLAN	8.46	± 9.6 %
11022	AAB	IEEE 802.11be (320MHz, MCS10, 99pc duty cycle)	WLAN	8.36	± 9.6 %
11023	AAB	IEEE 802.11be (320MHz, MCS11, 99pc duty cycle)	WLAN	8.09	± 9.6 %
11024	AAB	IEEE 802.11be (320MHz, MCS12, 99pc duty cycle)	WLAN	8.42	± 9.6 %
11025	AAB	IEEE 802.11be (320MHz, MCS13, 99pc duty cycle)	WLAN	8.37	± 9.6 %
11026	AAB	IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)	WLAN	8.39	± 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 D. Conducted RF Output Power Table

The detailed power table are shown as follows.

GSM&WCDMA Default

Ant1

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.33	32.37	**32.43**	33.50	29.31	**29.32**	29.24	30.50
GPRS 1Tx Slot	32.26	32.33	**32.41**	33.50	29.30	**29.31**	29.20	30.50
GPRS 2Tx Slot	28.90	28.97	29.09	30.00	25.63	25.80	25.85	26.50
GPRS 3Tx Slot	27.43	27.51	27.63	28.50	23.80	24.01	24.14	25.00
GPRS 4Tx Slot	26.38	26.45	26.59	27.50	22.81	23.04	23.23	24.00
EDGE 1Tx Slot	26.97	27.15	27.04	28.00	25.67	25.91	25.89	27.00
EDGE 2Tx Slot	23.67	23.82	23.75	25.00	22.60	22.92	22.85	24.00
EDGE 3Tx Slot	21.98	22.11	22.03	23.00	20.84	21.10	21.07	22.00
EDGE 4Tx Slot	21.28	21.33	21.34	22.00	19.77	19.96	20.01	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.33	23.37	23.43	24.50	20.31	20.32	20.24	21.50
GPRS 1Tx Slot	23.26	23.33	23.41	24.50	20.30	20.31	20.20	21.50
GPRS 2Tx Slot	22.90	22.97	23.09	24.00	19.63	19.80	19.85	20.50
GPRS 3Tx Slot	23.17	23.25	23.37	24.24	19.54	19.75	19.88	20.74
GPRS 4Tx Slot	23.38	23.45	23.59	24.50	19.81	20.04	20.23	21.00
EDGE 1Tx Slot	17.97	18.15	18.04	19.00	16.67	16.91	16.89	18.00
EDGE 2Tx Slot	17.67	17.82	17.75	19.00	16.60	16.92	16.85	18.00
EDGE 3Tx Slot	17.72	17.85	17.77	18.74	16.58	16.84	16.81	17.74
EDGE 4Tx Slot	18.28	18.33	18.34	19.00	16.77	16.96	17.01	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	24.31	24.36	**24.46**	**25.50**	24.31	**24.34**	24.30	**25.50**	24.23	24.28	**24.29**	**25.50**
HSDPA Subtest-1	23.48	23.56	23.59	24.00	23.41	23.47	23.47	24.00	23.37	23.40	23.39	24.00
HSDPA Subtest-2	23.47	23.50	23.66	24.00	23.50	23.44	23.39	24.00	23.35	23.39	23.40	24.00
HSDPA Subtest-3	22.98	22.98	23.10	24.00	22.94	22.94	22.96	24.00	22.89	22.93	22.99	24.00
HSDPA Subtest-4	23.00	22.98	23.10	24.00	22.98	22.97	22.90	24.00	22.93	22.91	22.88	24.00
DC-HSDPA Subtest-1	23.42	23.51	23.65	24.00	23.41	23.52	23.47	24.00	23.35	23.38	23.39	24.00
DC-HSDPA Subtest-2	23.47	23.50	23.57	24.00	23.47	23.44	23.43	24.00	23.38	23.43	23.43	24.00
DC-HSDPA Subtest-3	23.00	23.02	23.12	24.00	22.98	22.97	22.93	24.00	22.86	22.95	22.90	24.00
DC-HSDPA Subtest-4	22.95	23.03	23.08	24.00	22.96	22.94	22.98	24.00	22.86	22.88	22.95	24.00
HSUPA Subtest-1	21.61	21.73	21.79	23.00	21.67	21.64	21.65	23.00	21.57	21.58	21.60	23.00
HSUPA Subtest-2	21.39	21.35	21.48	23.00	21.39	21.41	21.35	23.00	21.33	21.37	21.30	23.00
HSUPA Subtest-3	22.24	22.30	22.42	23.00	22.27	22.31	22.19	23.00	22.16	22.18	22.19	23.00
HSUPA Subtest-4	21.15	21.05	21.07	23.00	21.05	21.17	21.03	23.00	21.20	21.18	21.19	23.00
HSUPA Subtest-5	22.22	22.32	22.42	23.00	22.21	22.27	22.25	23.00	22.20	22.21	22.25	23.00
HSPA+ Subtest-1	21.58	21.57	21.73	23.00	21.53	21.55	21.50	23.00	21.44	21.52	21.50	23.00

LTE Default Power
Ant1

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	23.71	23.76	23.71	0	25.5
		1	50	24.11	24.10	24.04	0	25.5
		1	99	23.68	23.66	23.76	0	25.5
		50	0	23.04	23.02	23.02	1	24.5
		50	25	23.05	23.03	23.04	1	24.5
		50	50	23.02	23.01	22.88	1	24.5
		100	0	23.07	23.06	22.96	1	24.5
	16QAM	1	0	23.05	23.01	23.08	1	24.5
		1	50	23.37	23.45	23.29	1	24.5
		1	99	23.01	22.98	22.92	1	24.5
		50	0	22.00	22.13	22.05	2	23.5
		50	25	22.09	22.17	22.10	2	23.5
		50	50	22.07	22.11	21.93	2	23.5
		100	0	22.05	22.08	21.99	2	23.5
	64QAM	1	0	21.92	21.96	21.97	2	23.5
		1	50	22.30	22.31	22.33	2	23.5
		1	99	21.90	21.91	21.98	2	23.5
		50	0	20.99	21.11	21.05	3	22.5
		50	25	21.06	21.14	21.09	3	22.5
		50	50	21.08	21.09	21.00	3	22.5
		100	0	21.01	21.10	21.02	3	22.5
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	23.88	23.86	23.84	0	25.5
		1	37	24.17	24.12	23.83	0	25.5
		1	74	23.80	23.73	23.67	0	25.5
		36	0	23.07	22.98	22.89	1	24.5
		36	19	23.00	22.95	22.84	1	24.5
		36	39	23.11	22.97	22.83	1	24.5
		75	0	22.90	23.09	22.93	1	24.5
	16QAM	1	0	22.63	22.74	22.68	1	24.5
		1	37	22.99	22.83	22.80	1	24.5
		1	74	22.67	22.65	22.58	1	24.5
		36	0	21.91	21.84	21.82	2	23.5
		36	19	21.95	21.96	22.01	2	23.5
		36	39	21.97	22.00	21.79	2	23.5
		75	0	22.10	21.94	22.04	2	23.5
	64QAM	1	0	21.72	21.65	21.56	2	23.5
		1	37	21.95	21.91	22.04	2	23.5
		1	74	21.70	21.73	21.77	2	23.5
		36	0	20.86	20.79	20.84	3	22.5
		36	19	20.83	20.85	20.80	3	22.5
		36	39	21.07	20.86	20.93	3	22.5
		75	0	20.86	20.89	20.79	3	22.5
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	23.77	23.79	23.74	0	25.5
		1	24	24.23	24.02	23.87	0	25.5
		1	49	23.91	23.71	23.81	0	25.5
		25	0	23.10	22.92	22.89	1	24.5
		25	12	22.98	22.96	22.81	1	24.5
		25	25	23.12	22.98	22.86	1	24.5
		50	0	22.89	23.01	22.97	1	24.5
	16QAM	1	0	22.66	22.71	22.62	1	24.5
		1	24	23.00	22.82	22.79	1	24.5
		1	49	22.56	22.67	22.54	1	24.5
		25	0	21.91	21.80	21.93	2	23.5
		25	12	21.88	21.94	21.97	2	23.5
		25	25	22.00	22.04	21.83	2	23.5
		50	0	22.08	21.87	22.04	2	23.5
	64QAM	1	0	21.69	21.78	21.65	2	23.5
		1	24	22.09	21.88	22.13	2	23.5
		1	49	21.70	21.70	21.63	2	23.5
		25	0	20.91	20.79	20.76	3	22.5
		25	12	20.88	20.91	20.89	3	22.5
		25	25	21.06	20.85	20.88	3	22.5
		50	0	21.00	20.96	20.80	3	22.5
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	23.84	23.91	23.75	0	25.5
		1	12	24.18	24.05	23.83	0	25.5
		1	24	23.93	23.74	23.73	0	25.5
		12	0	23.08	22.95	22.91	1	24.5
		12	6	22.99	22.89	22.89	1	24.5
		12	13	23.06	22.99	22.91	1	24.5
		25	0	22.90	23.11	22.90	1	24.5
	16QAM	1	0	22.77	22.77	22.57	1	24.5
		1	12	22.94	22.85	22.83	1	24.5
		1	24	22.69	22.66	22.59	1	24.5
		12	0	21.96	21.94	21.82	2	23.5
		12	6	21.91	21.86	21.93	2	23.5
		12	13	21.99	22.09	21.88	2	23.5
		25	0	22.01	21.94	21.96	2	23.5
	64QAM	1	0	21.65	21.76	21.53	2	23.5
		1	12	22.00	21.90	22.11	2	23.5
		1	24	21.69	21.66	21.64	2	23.5
		12	0	20.87	20.89	20.78	3	22.5
		12	6	20.82	20.90	20.88	3	22.5
		12	13	20.96	20.84	20.93	3	22.5
		25	0	20.92	20.90	20.81	3	22.5
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	23.88	23.89	23.83	0	25.5
		1	7	24.23	24.04	23.84	0	25.5
		1	14	23.81	23.71	23.74	0	25.5
		8	0	23.06	22.96	23.02	1	24.5
		8	3	23.07	22.92	22.90	1	24.5
		8	7	23.16	22.99	22.81	1	24.5
		15	0	23.01	23.03	22.91	1	24.5
	16QAM	1	0	22.69	22.70	22.64	1	24.5
		1	7	23.01	22.82	22.72	1	24.5
		1	14	22.57	22.68	22.53	1	24.5
		8	0	22.00	21.94	21.91	2	23.5
		8	3	21.95	21.86	21.97	2	23.5
		8	7	21.97	22.10	21.87	2	23.5
		15	0	21.97	21.82	21.95	2	23.5
	64QAM	1	0	21.72	21.79	21.62	2	23.5
		1	7	22.00	21.90	22.10	2	23.5
		1	14	21.61	21.65	21.72	2	23.5
		8	0	20.94	20.88	20.74	3	22.5
		8	3	20.85	20.87	20.84	3	22.5
		8	7	21.01	20.88	20.92	3	22.5
		15	0	20.92	20.89	20.79	3	22.5
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	23.70	23.75	23.68	0	25.5
		1	2	24.05	23.97	24.01	0	25.5
		1	5	23.60	23.54	23.70	0	25.5
		3	0	23.75	23.73	23.76	0	25.5
		3	1	23.79	23.76	23.72	0	25.5
		3	3	23.69	23.76	23.57	0	25.5
		6	0	22.97	22.96	22.94	1	24.5
	16QAM	1	0	23.04	23.00	22.98	1	24.5
		1	2	23.26	23.36	23.21	1	24.5
		1	5	22.92	22.86	22.86	1	24.5
		3	0	22.79	22.81	22.80	1	24.5
		3	1	22.77	22.88	22.81	1	24.5
		3	3	22.74	22.88	22.66	1	24.5
		6	0	22.02	22.01	21.90	2	23.5
	64QAM	1	0	21.79	21.92	21.90	2	23.5
		1	2	22.27	22.22	22.19	2	23.5
		1	5	21.86	21.80	21.94	2	23.5
		3	0	21.72	21.84	21.83	2	23.5
		3	1	21.85	21.95	21.88	2	23.5
		3	3	21.82	21.84	21.80	2	23.5
		6	0	20.97	21.06	20.93	3	22.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	23.78	23.68	23.79	0	25.5
		1	50	24.11	24.15	24.20	0	25.5
		1	99	23.90	23.80	23.78	0	25.5
		50	0	23.23	23.18	23.21	1	24.5
		50	25	23.27	23.26	23.29	1	24.5
		50	50	23.26	23.23	23.20	1	24.5
		100	0	23.21	23.22	23.23	1	24.5
	16QAM	1	0	23.06	23.12	23.15	1	24.5
		1	50	23.44	23.47	23.48	1	24.5
		1	99	23.21	23.19	23.12	1	24.5
		50	0	22.22	22.18	22.22	2	23.5
		50	25	22.25	22.26	22.26	2	23.5
		50	50	22.24	22.24	22.21	2	23.5
		100	0	22.17	22.21	22.22	2	23.5
	64QAM	1	0	21.98	22.06	22.08	2	23.5
		1	50	22.36	22.44	22.43	2	23.5
		1	99	22.07	22.13	22.09	2	23.5
		50	0	21.13	21.17	21.18	3	22.5
		50	25	21.22	21.24	21.22	3	22.5
		50	50	21.18	21.23	21.19	3	22.5
		100	0	21.14	21.20	21.27	3	22.5
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	23.88	23.86	23.71	0	25.5
		1	37	24.20	24.12	23.93	0	25.5
		1	74	23.90	23.62	23.68	0	25.5
		36	0	22.98	22.90	22.89	1	24.5
		36	19	23.04	22.87	22.82	1	24.5
		36	39	23.18	23.03	22.91	1	24.5
		75	0	23.00	23.00	22.94	1	24.5
	16QAM	1	0	22.77	22.76	22.61	1	24.5
		1	37	22.91	22.91	22.74	1	24.5
		1	74	22.67	22.55	22.50	1	24.5
		36	0	21.99	21.88	21.81	2	23.5
		36	19	21.82	21.92	21.90	2	23.5
		36	39	21.99	22.03	21.78	2	23.5
		75	0	22.10	21.89	21.97	2	23.5
	64QAM	1	0	21.66	21.75	21.58	2	23.5
		1	37	22.01	21.97	22.13	2	23.5
		1	74	21.72	21.72	21.74	2	23.5
		36	0	20.90	20.76	20.83	3	22.5
		36	19	20.91	20.92	20.90	3	22.5
		36	39	20.99	20.84	20.90	3	22.5
		75	0	20.90	20.92	20.77	3	22.5
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	23.82	23.90	23.83	0	25.5
		1	24	24.20	24.04	23.82	0	25.5
		1	49	23.89	23.75	23.76	0	25.5
		25	0	23.06	22.88	22.90	1	24.5
		25	12	23.03	22.95	22.88	1	24.5
		25	25	23.16	23.02	22.93	1	24.5
		50	0	22.96	23.08	22.94	1	24.5
	16QAM	1	0	22.67	22.79	22.59	1	24.5
		1	24	22.91	22.90	22.82	1	24.5
		1	49	22.61	22.64	22.62	1	24.5
		25	0	21.98	21.90	21.85	2	23.5
		25	12	21.89	21.95	21.95	2	23.5
		25	25	21.97	21.98	21.88	2	23.5
		50	0	22.05	21.88	21.94	2	23.5
	64QAM	1	0	21.73	21.68	21.62	2	23.5
		1	24	22.08	21.99	22.09	2	23.5
		1	49	21.71	21.71	21.71	2	23.5
		25	0	20.80	20.88	20.75	3	22.5
		25	12	20.94	20.87	20.85	3	22.5
		25	25	20.97	20.88	20.83	3	22.5
		50	0	20.92	20.98	20.79	3	22.5
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	23.88	23.80	23.82	0	25.5
		1	12	24.21	24.06	23.92	0	25.5
		1	24	23.93	23.76	23.79	0	25.5
		12	0	23.03	22.85	22.99	1	24.5
		12	6	23.06	22.95	22.86	1	24.5
		12	13	23.09	23.09	22.84	1	24.5
		25	0	22.97	23.04	22.83	1	24.5
	16QAM	1	0	22.74	22.70	22.70	1	24.5
		1	12	22.94	22.84	22.72	1	24.5
		1	24	22.68	22.66	22.58	1	24.5
		12	0	22.03	21.91	21.84	2	23.5
		12	6	21.87	21.94	21.91	2	23.5
		12	13	21.90	21.98	21.82	2	23.5
		25	0	22.09	21.86	21.94	2	23.5
	64QAM	1	0	21.63	21.70	21.55	2	23.5
		1	12	21.99	21.95	22.15	2	23.5
		1	24	21.70	21.60	21.68	2	23.5
		12	0	20.83	20.82	20.73	3	22.5
		12	6	20.82	20.88	20.88	3	22.5
		12	13	21.02	20.86	20.92	3	22.5
		25	0	21.00	20.98	20.86	3	22.5
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	23.88	23.79	23.82	0	25.5
		1	7	24.25	24.13	23.86	0	25.5
		1	14	23.90	23.64	23.72	0	25.5
		8	0	23.10	22.95	23.01	1	24.5
		8	3	22.99	22.87	22.88	1	24.5
		8	7	23.09	23.03	22.94	1	24.5
		15	0	23.02	22.98	22.84	1	24.5
	16QAM	1	0	22.68	22.80	22.58	1	24.5
		1	7	22.94	22.82	22.71	1	24.5
		1	14	22.58	22.67	22.49	1	24.5
		8	0	22.00	21.87	21.94	2	23.5
		8	3	21.86	21.83	21.93	2	23.5
		8	7	22.00	22.10	21.85	2	23.5
		15	0	22.05	21.94	22.04	2	23.5
	64QAM	1	0	21.62	21.78	21.65	2	23.5
		1	7	21.99	21.98	22.09	2	23.5
		1	14	21.73	21.70	21.71	2	23.5
		8	0	20.80	20.84	20.76	3	22.5
		8	3	20.83	20.82	20.89	3	22.5
		8	7	20.98	20.84	20.89	3	22.5
		15	0	20.86	20.97	20.80	3	22.5
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	23.69	23.56	23.74	0	25.5
		1	2	24.01	24.05	24.15	0	25.5
		1	5	23.81	23.65	23.77	0	25.5
		3	0	23.96	23.95	23.89	0	25.5
		3	1	24.07	24.05	24.01	0	25.5
		3	3	24.06	24.04	23.91	0	25.5
		6	0	23.15	23.08	23.16	1	24.5
	16QAM	1	0	23.05	23.04	23.10	1	24.5
		1	2	23.33	23.45	23.43	1	24.5
		1	5	23.08	23.17	23.04	1	24.5
		3	0	22.91	22.89	22.91	1	24.5
		3	1	22.93	22.96	22.93	1	24.5
		3	3	23.03	23.04	22.89	1	24.5
		6	0	22.10	22.14	22.20	2	23.5
	64QAM	1	0	21.97	21.95	22.01	2	23.5
		1	2	22.29	22.39	22.29	2	23.5
		1	5	21.94	22.00	22.06	2	23.5
		3	0	21.87	21.92	21.94	2	23.5
		3	1	22.00	22.05	21.95	2	23.5
		3	3	21.86	22.03	21.95	2	23.5
		6	0	21.08	21.16	21.24	3	22.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.23	24.35	24.32	0	25.5
		1	24	24.39	24.43	24.44	0	25.5
		1	49	24.25	24.27	24.34	0	25.5
		25	0	23.30	23.40	23.28	1	24.5
		25	12	23.32	23.41	23.43	1	24.5
		25	25	23.27	23.39	23.40	1	24.5
		50	0	23.29	23.35	23.36	1	24.5
	16QAM	1	0	23.50	23.55	23.56	1	24.5
		1	24	23.73	23.61	23.65	1	24.5
		1	49	23.53	23.54	23.55	1	24.5
		25	0	22.41	22.50	22.37	2	23.5
		25	12	22.38	22.43	22.47	2	23.5
		25	25	22.33	22.50	22.45	2	23.5
		50	0	22.37	22.48	22.41	2	23.5
	64QAM	1	0	22.46	22.62	22.50	2	23.5
		1	24	22.61	22.61	22.68	2	23.5
		1	49	22.49	22.46	22.56	2	23.5
		25	0	21.35	21.48	21.32	3	22.5
		25	12	21.37	21.42	21.39	3	22.5
		25	25	21.31	21.44	21.38	3	22.5
		50	0	21.33	21.47	21.35	3	22.5
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	24.09	24.23	24.24	0	25.5
		1	12	24.38	24.40	24.33	0	25.5
		1	24	24.15	24.19	24.22	0	25.5
		12	0	23.15	23.36	23.21	1	24.5
		12	6	23.22	23.38	23.30	1	24.5
		12	13	23.25	23.36	23.29	1	24.5
		25	0	23.14	23.31	23.31	1	24.5
	16QAM	1	0	23.48	23.52	23.43	1	24.5
		1	12	23.72	23.60	23.50	1	24.5
		1	24	23.40	23.39	23.51	1	24.5
		12	0	22.40	22.45	22.24	2	23.5
		12	6	22.29	22.40	22.39	2	23.5
		12	13	22.32	22.36	22.30	2	23.5
		25	0	22.24	22.47	22.31	2	23.5
	64QAM	1	0	22.45	22.54	22.44	2	23.5
		1	12	22.47	22.49	22.53	2	23.5
		1	24	22.44	22.43	22.53	2	23.5
		12	0	21.28	21.47	21.31	3	22.5
		12	6	21.26	21.35	21.36	3	22.5
		12	13	21.29	21.38	21.34	3	22.5
		25	0	21.20	21.46	21.29	3	22.5
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	24.18	24.25	24.29	0	25.5
		1	7	24.38	24.41	24.30	0	25.5
		1	14	24.23	24.17	24.28	0	25.5
		8	0	23.25	23.29	23.23	1	24.5
		8	3	23.23	23.39	23.39	1	24.5
		8	7	23.19	23.36	23.37	1	24.5
		15	0	23.22	23.21	23.32	1	24.5
	16QAM	1	0	23.49	23.54	23.44	1	24.5
		1	7	23.65	23.57	23.50	1	24.5
		1	14	23.43	23.46	23.47	1	24.5
		8	0	22.27	22.45	22.30	2	23.5
		8	3	22.30	22.41	22.34	2	23.5
		8	7	22.18	22.46	22.30	2	23.5
		15	0	22.23	22.37	22.36	2	23.5
	64QAM	1	0	22.37	22.55	22.46	2	23.5
		1	7	22.52	22.46	22.65	2	23.5
		1	14	22.38	22.45	22.50	2	23.5
		8	0	21.22	21.40	21.30	3	22.5
		8	3	21.30	21.34	21.37	3	22.5
		8	7	21.29	21.39	21.24	3	22.5
		15	0	21.27	21.37	21.27	3	22.5
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	24.15	24.34	24.24	0	25.5
		1	2	24.38	24.30	24.41	0	25.5
		1	5	24.24	24.17	24.29	0	25.5
		3	0	24.21	24.38	24.18	0	25.5
		3	1	24.26	24.32	24.32	0	25.5
		3	3	24.23	24.27	24.25	0	25.5
		6	0	23.21	23.22	23.30	1	24.5
	16QAM	1	0	23.45	23.50	23.55	1	24.5
		1	2	23.68	23.46	23.55	1	24.5
		1	5	23.50	23.51	23.48	1	24.5
		3	0	23.31	23.48	23.26	1	24.5
		3	1	23.25	23.33	23.42	1	24.5
		3	3	23.24	23.46	23.43	1	24.5
		6	0	22.22	22.47	22.33	2	23.5
	64QAM	1	0	22.42	22.52	22.43	2	23.5
		1	2	22.58	22.57	22.58	2	23.5
		1	5	22.38	22.31	22.44	2	23.5
		3	0	22.23	22.39	22.20	2	23.5
		3	1	22.31	22.41	22.36	2	23.5
		3	3	22.18	22.39	22.37	2	23.5
		6	0	21.26	21.37	21.21	3	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	23.89	23.81	23.80	0	25
		1	50	**24.18**	24.02	24.10	0	25
		1	99	23.73	23.70	23.67	0	25
		50	0	23.20	23.11	23.07	1	24
		50	25	23.23	23.13	23.11	1	24
		50	50	23.22	22.98	23.01	1	24
		100	0	23.18	23.02	23.00	1	24
	16QAM	1	0	23.11	23.10	23.08	1	24
		1	50	23.34	23.27	23.31	1	24
		1	99	23.03	22.87	22.91	1	24
		50	0	22.21	22.10	22.07	2	23
		50	25	22.20	22.12	22.06	2	23
		50	50	22.17	21.98	22.00	2	23
		100	0	22.15	22.00	21.98	2	23
	64QAM	1	0	22.20	22.01	22.02	2	23
		1	50	22.37	22.19	22.32	2	23
		1	99	21.94	21.92	21.76	2	23
		50	0	21.19	20.97	21.05	3	22
		50	25	21.17	21.09	21.04	3	22
		50	50	21.14	20.96	20.93	3	22
		100	0	21.13	20.98	20.99	3	22
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	23.81	23.80	23.68	0	25
		1	37	24.15	23.91	24.09	0	25
		1	74	23.70	23.57	23.62	0	25
		36	0	23.14	23.02	22.99	1	24
		36	19	23.17	23.01	23.01	1	24
		36	39	23.19	22.83	22.91	1	24
		75	0	23.09	22.90	22.94	1	24
	16QAM	1	0	22.99	22.95	23.00	1	24
		1	37	23.28	23.23	23.29	1	24
		1	74	22.96	22.84	22.79	1	24
		36	0	22.10	22.05	22.06	2	23
		36	19	22.09	22.00	21.92	2	23
		36	39	22.10	21.85	21.93	2	23
		75	0	22.02	21.91	21.86	2	23
	64QAM	1	0	22.08	21.91	21.88	2	23
		1	37	22.28	22.14	22.30	2	23
		1	74	21.84	21.78	21.68	2	23
		36	0	21.13	20.91	21.03	3	22
		36	19	21.16	20.98	21.02	3	22
		36	39	21.08	20.82	20.83	3	22
		75	0	21.00	20.95	20.93	3	22
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	23.85	23.70	23.74	0	25
		1	24	24.12	23.95	24.02	0	25
		1	49	23.63	23.62	23.59	0	25
		25	0	23.21	22.99	23.01	1	24
		25	12	23.16	23.05	23.05	1	24
		25	25	23.13	22.90	22.97	1	24
		50	0	23.04	22.93	22.91	1	24
	16QAM	1	0	23.09	23.05	23.01	1	24
		1	24	23.31	23.24	23.29	1	24
		1	49	22.96	22.73	22.82	1	24
		25	0	22.06	21.96	22.00	2	23
		25	12	22.11	22.02	21.93	2	23
		25	25	22.05	21.91	21.93	2	23
		50	0	22.09	21.85	21.97	2	23
	64QAM	1	0	22.12	22.00	21.99	2	23
		1	24	22.29	22.12	22.18	2	23
		1	49	21.84	21.83	21.71	2	23
		25	0	21.16	20.84	20.98	3	22
		25	12	21.10	20.99	20.91	3	22
		25	25	21.08	20.82	20.81	3	22
		50	0	21.07	20.84	20.94	3	22
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	23.82	23.72	23.78	0	25
		1	12	24.09	23.95	24.04	0	25
		1	24	23.69	23.55	23.54	0	25
		12	0	23.22	23.06	23.02	1	24
		12	6	23.06	23.07	23.03	1	24
		12	13	23.09	22.87	22.86	1	24
		25	0	23.04	23.00	22.86	1	24
	16QAM	1	0	23.08	22.95	23.05	1	24
		1	12	23.31	23.12	23.25	1	24
		1	24	22.93	22.75	22.86	1	24
		12	0	22.19	22.03	21.92	2	23
		12	6	22.13	22.05	21.93	2	23
		12	13	22.11	21.83	21.96	2	23
		25	0	22.10	21.88	21.93	2	23
	64QAM	1	0	22.07	21.86	21.97	2	23
		1	12	22.31	22.10	22.25	2	23
		1	24	21.91	21.77	21.69	2	23
		12	0	21.18	20.93	20.92	3	22
		12	6	21.09	21.02	21.00	3	22
		12	13	20.99	20.84	20.92	3	22
		25	0	21.12	20.95	20.91	3	22

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	23.72	23.85	23.84	0	25
		1	50	23.97	**24.03**	24.01	0	25
		1	99	23.75	23.76	23.80	0	25
		50	0	22.82	22.94	22.93	1	24
		50	25	22.84	22.96	22.94	1	24
		50	50	22.81	22.82	22.81	1	24
		100	0	22.93	22.95	22.94	1	24
	16QAM	1	0	22.76	22.79	22.81	1	24
		1	50	23.07	23.09	23.11	1	24
		1	99	22.72	22.69	22.71	1	24
		50	0	21.90	21.96	22.03	2	23
		50	25	21.94	21.99	21.98	2	23
		50	50	21.91	21.88	21.85	2	23
		100	0	21.93	21.97	21.97	2	23
	64QAM	1	0	21.73	21.79	21.68	2	23
		1	50	21.79	21.80	21.83	2	23
		1	99	21.66	21.69	21.73	2	23
		50	0	20.82	20.95	20.97	3	22
		50	25	20.88	20.96	20.96	3	22
		50	50	20.84	20.82	20.78	3	22
		100	0	20.84	20.91	20.95	3	22
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	23.69	23.76	23.70	0	25
		1	37	23.99	23.99	23.91	0	25
		1	74	23.60	23.73	23.73	0	25
		36	0	22.75	22.81	22.85	1	24
		36	19	22.82	22.84	22.81	1	24
		36	39	22.74	22.73	22.75	1	24
		75	0	22.92	22.84	22.81	1	24
	16QAM	1	0	22.63	22.75	22.70	1	24
		1	37	22.98	22.95	23.08	1	24
		1	74	22.68	22.60	22.66	1	24
		36	0	21.75	21.89	21.99	2	23
		36	19	21.92	21.95	21.90	2	23
		36	39	21.84	21.82	21.82	2	23
		75	0	21.87	21.89	21.94	2	23
	64QAM	1	0	21.65	21.77	21.67	2	23
		1	37	21.64	21.66	21.76	2	23
		1	74	21.53	21.56	21.62	2	23
		36	0	20.79	20.94	20.96	3	22
		36	19	20.85	20.82	20.92	3	22
		36	39	20.75	20.78	20.73	3	22
		75	0	20.72	20.90	20.91	3	22
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	23.62	23.81	23.69	0	25
		1	24	23.93	23.92	23.96	0	25
		1	49	23.72	23.70	23.73	0	25
		25	0	22.79	22.93	22.89	1	24
		25	12	22.69	22.94	22.80	1	24
		25	25	22.73	22.75	22.75	1	24
		50	0	22.90	22.84	22.85	1	24
	16QAM	1	0	22.66	22.70	22.69	1	24
		1	24	22.94	23.06	23.03	1	24
		1	49	22.57	22.66	22.56	1	24
		25	0	21.75	21.87	21.90	2	23
		25	12	21.80	21.95	21.88	2	23
		25	25	21.81	21.73	21.72	2	23
		50	0	21.87	21.90	21.88	2	23
	64QAM	1	0	21.65	21.69	21.60	2	23
		1	24	21.67	21.77	21.75	2	23
		1	49	21.52	21.65	21.68	2	23
		25	0	20.68	20.82	20.94	3	22
		25	12	20.82	20.82	20.82	3	22
		25	25	20.83	20.71	20.76	3	22
		50	0	20.76	20.78	20.93	3	22
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	23.71	23.70	23.70	0	25
		1	12	24.00	23.90	23.86	0	25
		1	24	23.66	23.67	23.73	0	25
		12	0	22.74	22.88	22.91	1	24
		12	6	22.80	22.86	22.86	1	24
		12	13	22.68	22.74	22.72	1	24
		25	0	22.84	22.85	22.93	1	24
	16QAM	1	0	22.64	22.75	22.66	1	24
		1	12	23.04	22.99	22.97	1	24
		1	24	22.59	22.58	22.57	1	24
		12	0	21.89	21.87	21.99	2	23
		12	6	21.92	21.92	21.87	2	23
		12	13	21.77	21.81	21.70	2	23
		25	0	21.83	21.87	21.93	2	23
	64QAM	1	0	21.64	21.64	21.64	2	23
		1	12	21.75	21.70	21.74	2	23
		1	24	21.51	21.55	21.63	2	23
		12	0	20.81	20.90	20.94	3	22
		12	6	20.75	20.95	20.87	3	22
		12	13	20.70	20.76	20.66	3	22
		25	0	20.72	20.90	20.91	3	22

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.70	23.57	23.64	23.57	23.34	0	25
		1	50	**23.96**	23.80	23.94	23.91	23.49	0	25
		1	99	23.56	23.46	23.58	23.52	23.44	0	25
		50	0	22.79	22.68	22.79	22.69	22.65	1	24
		50	25	22.86	22.71	22.81	22.71	22.67	1	24
		50	50	22.82	22.67	22.76	22.67	22.66	1	24
		100	0	22.89	22.74	22.86	22.84	22.77	1	24
	16QAM	1	0	22.75	22.66	22.75	22.61	22.29	1	24
		1	50	22.99	22.87	23.02	22.99	22.54	1	24
		1	99	22.64	22.57	22.66	22.54	22.51	1	24
		50	0	21.84	21.78	21.90	21.76	21.70	2	23
		50	25	21.88	21.91	21.92	21.77	21.77	2	23
		50	50	21.88	21.82	21.85	21.83	21.76	2	23
		100	0	21.93	21.78	21.90	21.88	21.75	2	23
	64QAM	1	0	21.35	21.24	21.34	21.23	21.30	2	23
		1	50	21.62	21.47	21.57	21.45	21.50	2	23
		1	99	21.23	21.28	21.22	21.21	21.22	2	23
		50	0	20.77	20.75	20.85	20.77	20.67	3	22
		50	25	20.84	20.83	20.88	20.82	20.71	3	22
		50	50	20.79	20.68	20.81	20.72	20.67	3	22
		100	0	20.88	20.75	20.90	20.86	20.74	3	22
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	23.55	23.49	23.50	23.42	23.23	0	25
		1	37	23.84	23.75	23.83	23.87	23.38	0	25
		1	74	23.45	23.41	23.46	23.43	23.40	0	25
		36	0	22.64	22.54	22.67	22.57	22.51	1	24
		36	19	22.80	22.56	22.70	22.67	22.60	1	24
		36	39	22.68	22.61	22.73	22.66	22.57	1	24
		75	0	22.87	22.59	22.71	22.78	22.64	1	24
	16QAM	1	0	22.72	22.59	22.64	22.56	22.14	1	24
		1	37	22.93	22.81	23.01	22.92	22.44	1	24
		1	74	22.62	22.42	22.55	22.51	22.37	1	24
		36	0	21.81	21.71	21.83	21.62	21.65	2	23
		36	19	21.85	21.83	21.79	21.74	21.64	2	23
		36	39	21.73	21.70	21.79	21.72	21.70	2	23
		75	0	21.87	21.76	21.83	21.78	21.69	2	23
	64QAM	1	0	21.20	21.17	21.31	21.08	21.15	2	23
		1	37	21.57	21.32	21.56	21.44	21.49	2	23
		1	74	21.19	21.25	21.17	21.17	21.19	2	23
		36	0	20.73	20.60	20.73	20.70	20.60	3	22
		36	19	20.77	20.68	20.80	20.73	20.70	3	22
		36	39	20.69	20.61	20.69	20.60	20.56	3	22
		75	0	20.75	20.67	20.80	20.79	20.60	3	22
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	23.67	23.52	23.49	23.48	23.30	0	25
		1	24	23.93	23.69	23.85	23.85	23.40	0	25
		1	49	23.51	23.43	23.56	23.45	23.35	0	25
		25	0	22.69	22.56	22.74	22.54	22.55	1	24
		25	12	22.82	22.58	22.67	22.66	22.53	1	24
		25	25	22.70	22.62	22.71	22.65	22.61	1	24
		50	0	22.82	22.66	22.79	22.75	22.75	1	24
	16QAM	1	0	22.69	22.54	22.60	22.52	22.23	1	24
		1	24	22.89	22.84	22.97	22.85	22.48	1	24
		1	49	22.49	22.56	22.57	22.43	22.45	1	24
		25	0	21.71	21.76	21.82	21.69	21.58	2	23
		25	12	21.82	21.77	21.83	21.75	21.72	2	23
		25	25	21.83	21.70	21.74	21.79	21.69	2	23
		50	0	21.88	21.71	21.77	21.83	21.72	2	23
	64QAM	1	0	21.28	21.11	21.30	21.12	21.29	2	23
		1	24	21.54	21.40	21.48	21.38	21.49	2	23
		1	49	21.11	21.24	21.16	21.19	21.08	2	23
		25	0	20.73	20.71	20.81	20.69	20.64	3	22
		25	12	20.75	20.79	20.87	20.67	20.56	3	22
		25	25	20.67	20.53	20.74	20.64	20.62	3	22
		50	0	20.75	20.70	20.81	20.77	20.69	3	22
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	23.59	23.50	23.51	23.51	23.25	0	25
		1	12	23.94	23.72	23.91	23.86	23.38	0	25
		1	24	23.49	23.34	23.51	23.38	23.35	0	25
		12	0	22.64	22.62	22.67	22.65	22.53	1	24
		12	6	22.84	22.57	22.68	22.65	22.53	1	24
		12	13	22.70	22.66	22.61	22.66	22.51	1	24
		25	0	22.75	22.70	22.71	22.70	22.66	1	24
	16QAM	1	0	22.62	22.65	22.70	22.56	22.20	1	24
		1	12	22.90	22.86	22.93	22.93	22.44	1	24
		1	24	22.61	22.44	22.55	22.41	22.48	1	24
		12	0	21.79	21.67	21.83	21.65	21.62	2	23
		12	6	21.80	21.90	21.80	21.68	21.68	2	23
		12	13	21.80	21.76	21.71	21.81	21.63	2	23
		25	0	21.80	21.66	21.77	21.82	21.73	2	23
	64QAM	1	0	21.24	21.22	21.28	21.20	21.27	2	23
		1	12	21.56	21.40	21.48	21.44	21.49	2	23
		1	24	21.21	21.23	21.09	21.18	21.09	2	23
		12	0	20.71	20.63	20.73	20.72	20.62	3	22
		12	6	20.76	20.73	20.78	20.78	20.67	3	22
		12	13	20.65	20.59	20.80	20.60	20.55	3	22
		25	0	20.78	20.60	20.82	20.85	20.66	3	22

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	23.87	23.88	23.78	0	25.5
		1	50	24.24	**24.26**	24.22	0	25.5
		1	99	23.88	23.89	23.86	0	25.5
		50	0	23.25	23.24	23.25	1	24.5
		50	25	23.28	23.29	23.26	1	24.5
		50	50	23.27	23.19	23.13	1	24.5
		100	0	23.21	23.28	23.16	1	24.5
	16QAM	1	0	23.07	23.17	23.08	1	24.5
		1	50	23.34	23.35	23.32	1	24.5
		1	99	23.31	23.05	23.23	1	24.5
		50	0	22.22	22.24	22.24	2	23.5
		50	25	22.27	22.19	22.23	2	23.5
		50	50	22.26	22.20	22.12	2	23.5
		100	0	22.24	22.19	22.15	2	23.5
	64QAM	1	0	22.14	22.10	22.05	2	23.5
		1	50	22.44	22.45	22.41	2	23.5
		1	99	22.02	22.12	22.10	2	23.5
		50	0	21.16	21.19	21.13	3	22.5
		50	25	21.20	21.27	21.22	3	22.5
		50	50	21.26	21.22	21.09	3	22.5
		100	0	21.23	21.26	21.14	3	22.5
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	23.87	23.83	23.72	0	25.5
		1	37	24.12	24.10	23.84	0	25.5
		1	74	23.85	23.64	23.70	0	25.5
		36	0	23.06	22.87	22.94	1	24.5
		36	19	22.93	23.00	22.83	1	24.5
		36	39	23.14	23.04	22.95	1	24.5
		75	0	23.01	23.03	22.87	1	24.5
	16QAM	1	0	22.64	22.72	22.70	1	24.5
		1	37	22.92	22.85	22.75	1	24.5
		1	74	22.63	22.64	22.60	1	24.5
		36	0	22.03	21.80	21.92	2	23.5
		36	19	21.88	21.85	21.96	2	23.5
		36	39	21.92	22.06	21.83	2	23.5
		75	0	21.97	21.94	21.95	2	23.5
	64QAM	1	0	21.70	21.77	21.61	2	23.5
		1	37	22.00	21.98	22.06	2	23.5
		1	74	21.59	21.64	21.67	2	23.5
		36	0	20.89	20.86	20.78	3	22.5
		36	19	20.94	20.92	20.89	3	22.5
		36	39	21.07	20.83	20.91	3	22.5
		75	0	20.97	20.87	20.86	3	22.5
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	23.86	23.87	23.73	0	25.5
		1	24	24.18	24.14	23.90	0	25.5
		1	49	23.83	23.68	23.72	0	25.5
		25	0	23.05	22.85	23.00	1	24.5
		25	12	23.04	22.97	22.87	1	24.5
		25	25	23.18	23.02	22.84	1	24.5
		50	0	22.99	23.02	22.89	1	24.5
	16QAM	1	0	22.69	22.67	22.63	1	24.5
		1	24	22.92	22.93	22.83	1	24.5
		1	49	22.68	22.58	22.54	1	24.5
		25	0	21.95	21.80	21.93	2	23.5
		25	12	21.84	21.84	21.90	2	23.5
		25	25	21.98	22.03	21.91	2	23.5
		50	0	22.05	21.90	22.05	2	23.5
	64QAM	1	0	21.64	21.79	21.57	2	23.5
		1	24	21.96	21.87	22.12	2	23.5
		1	49	21.61	21.64	21.67	2	23.5
		25	0	20.84	20.89	20.75	3	22.5
		25	12	20.91	20.94	20.81	3	22.5
		25	25	21.01	20.85	20.82	3	22.5
		50	0	20.98	20.94	20.86	3	22.5
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	23.77	23.84	23.85	0	25.5
		1	12	24.21	24.05	23.90	0	25.5
		1	24	23.80	23.73	23.69	0	25.5
		12	0	23.00	22.97	22.91	1	24.5
		12	6	23.05	22.89	22.91	1	24.5
		12	13	23.10	22.97	22.85	1	24.5
		25	0	22.99	23.10	22.88	1	24.5
	16QAM	1	0	22.76	22.72	22.57	1	24.5
		1	12	22.98	22.92	22.78	1	24.5
		1	24	22.62	22.60	22.54	1	24.5
		12	0	21.92	21.88	21.81	2	23.5
		12	6	21.86	21.92	21.94	2	23.5
		12	13	21.91	22.01	21.91	2	23.5
		25	0	22.02	21.82	21.98	2	23.5
	64QAM	1	0	21.65	21.67	21.60	2	23.5
		1	12	21.95	21.96	22.11	2	23.5
		1	24	21.60	21.73	21.70	2	23.5
		12	0	20.83	20.83	20.72	3	22.5
		12	6	20.93	20.89	20.91	3	22.5
		12	13	20.96	20.79	20.83	3	22.5
		25	0	20.94	20.97	20.89	3	22.5
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	23.88	23.89	23.71	0	25.5
		1	7	24.15	24.08	23.90	0	25.5
		1	14	23.84	23.71	23.73	0	25.5
		8	0	22.98	22.86	22.92	1	24.5
		8	3	23.00	23.00	22.94	1	24.5
		8	7	23.15	23.06	22.84	1	24.5
		15	0	22.88	23.04	22.95	1	24.5
	16QAM	1	0	22.64	22.77	22.71	1	24.5
		1	7	23.00	22.89	22.81	1	24.5
		1	14	22.68	22.55	22.56	1	24.5
		8	0	22.03	21.84	21.93	2	23.5
		8	3	21.87	21.90	21.96	2	23.5
		8	7	21.95	22.06	21.79	2	23.5
		15	0	22.07	21.82	21.95	2	23.5
	64QAM	1	0	21.65	21.73	21.58	2	23.5
		1	7	22.09	21.99	22.13	2	23.5
		1	14	21.59	21.65	21.64	2	23.5
		8	0	20.83	20.90	20.85	3	22.5
		8	3	20.89	20.86	20.93	3	22.5
		8	7	21.05	20.77	20.80	3	22.5
		15	0	20.95	20.91	20.78	3	22.5
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	23.82	23.84	23.77	0	25.5
		1	2	24.17	24.25	24.12	0	25.5
		1	5	23.79	23.74	23.75	0	25.5
		3	0	23.93	23.91	23.91	0	25.5
		3	1	24.03	24.01	24.00	0	25.5
		3	3	24.05	23.93	23.78	0	25.5
		6	0	23.09	23.24	23.09	1	24.5
	16QAM	1	0	22.98	23.09	22.93	1	24.5
		1	2	23.30	23.22	23.26	1	24.5
		1	5	23.25	23.04	23.20	1	24.5
		3	0	23.01	22.89	22.90	1	24.5
		3	1	23.00	22.87	22.95	1	24.5
		3	3	22.91	22.93	22.77	1	24.5
		6	0	22.12	22.04	22.14	2	23.5
	64QAM	1	0	22.03	22.08	22.03	2	23.5
		1	2	22.35	22.30	22.32	2	23.5
		1	5	21.89	22.09	22.06	2	23.5
		3	0	21.89	21.92	21.82	2	23.5
		3	1	21.96	22.03	21.94	2	23.5
		3	3	22.03	21.94	21.74	2	23.5
		6	0	21.20	21.21	21.01	3	22.5

GSM&WCDMA DSI-1

Ant1

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.33	32.37	**32.43**	33.50	29.31	**29.32**	29.24	30.50
GPRS 1Tx Slot	32.26	32.33	**32.41**	33.50	29.30	**29.31**	29.20	30.50
GPRS 2Tx Slot	28.90	28.97	29.09	30.00	25.63	25.80	25.85	26.50
GPRS 3Tx Slot	27.43	27.51	27.63	28.50	23.80	24.01	24.14	25.00
GPRS 4Tx Slot	26.38	26.45	26.59	27.50	22.81	23.04	23.23	24.00
EDGE 1Tx Slot	26.97	27.15	27.04	28.00	25.67	25.91	25.89	27.00
EDGE 2Tx Slot	23.67	23.82	23.75	25.00	22.60	22.92	22.85	24.00
EDGE 3Tx Slot	21.98	22.11	22.03	23.00	20.84	21.10	21.07	22.00
EDGE 4Tx Slot	21.28	21.33	21.34	22.00	19.77	19.96	20.01	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.33	23.37	23.43	24.50	20.31	20.32	20.24	21.50
GPRS 1Tx Slot	23.26	23.33	23.41	24.50	20.30	20.31	20.20	21.50
GPRS 2Tx Slot	22.90	22.97	23.09	24.00	19.63	19.80	19.85	20.50
GPRS 3Tx Slot	23.17	23.25	23.37	24.24	19.54	19.75	19.88	20.74
GPRS 4Tx Slot	23.38	23.45	23.59	24.50	19.81	20.04	20.23	21.00
EDGE 1Tx Slot	17.97	18.15	18.04	19.00	16.67	16.91	16.89	18.00
EDGE 2Tx Slot	17.67	17.82	17.75	19.00	16.60	16.92	16.85	18.00
EDGE 3Tx Slot	17.72	17.85	17.77	18.74	16.58	16.84	16.81	17.74
EDGE 4Tx Slot	18.28	18.33	18.34	19.00	16.77	16.96	17.01	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	24.31	24.36	**24.46**	**25.50**	24.31	**24.34**	24.30	**25.50**	24.23	24.28	**24.29**	**25.50**
HSDPA Subtest-1	23.48	23.56	23.59	24.00	23.41	23.47	23.47	24.00	23.37	23.40	23.39	24.00
HSDPA Subtest-2	23.47	23.50	23.66	24.00	23.50	23.44	23.39	24.00	23.35	23.39	23.40	24.00
HSDPA Subtest-3	22.98	22.98	23.10	24.00	22.94	22.94	22.96	24.00	22.89	22.93	22.99	24.00
HSDPA Subtest-4	23.00	22.98	23.10	24.00	22.98	22.97	22.90	24.00	22.93	22.91	22.88	24.00
DC-HSDPA Subtest-1	23.42	23.51	23.65	24.00	23.41	23.52	23.47	24.00	23.35	23.38	23.39	24.00
DC-HSDPA Subtest-2	23.47	23.50	23.57	24.00	23.47	23.44	23.43	24.00	23.38	23.43	23.43	24.00
DC-HSDPA Subtest-3	23.00	23.02	23.12	24.00	22.98	22.97	22.93	24.00	22.86	22.95	22.90	24.00
DC-HSDPA Subtest-4	22.95	23.03	23.08	24.00	22.96	22.94	22.98	24.00	22.86	22.88	22.95	24.00
HSUPA Subtest-1	21.61	21.73	21.79	23.00	21.67	21.64	21.65	23.00	21.57	21.58	21.60	23.00
HSUPA Subtest-2	21.39	21.35	21.48	23.00	21.39	21.41	21.35	23.00	21.33	21.37	21.30	23.00
HSUPA Subtest-3	22.24	22.30	22.42	23.00	22.27	22.31	22.19	23.00	22.16	22.18	22.19	23.00
HSUPA Subtest-4	21.15	21.05	21.07	23.00	21.05	21.17	21.03	23.00	21.20	21.18	21.19	23.00
HSUPA Subtest-5	22.22	22.32	22.42	23.00	22.21	22.27	22.25	23.00	22.20	22.21	22.25	23.00
HSPA+ Subtest-1	21.58	21.57	21.73	23.00	21.53	21.55	21.50	23.00	21.44	21.52	21.50	23.00

GSM&WCDMA DSI-2

Ant1

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.33	32.37	**32.43**	33.50	29.31	**29.32**	29.24	30.50
GPRS 1Tx Slot	32.26	32.33	**32.41**	33.50	29.30	**29.31**	29.20	30.50
GPRS 2Tx Slot	28.90	28.97	29.09	30.00	25.63	25.80	25.85	26.50
GPRS 3Tx Slot	27.43	27.51	27.63	28.50	23.80	24.01	24.14	25.00
GPRS 4Tx Slot	26.38	26.45	26.59	27.50	22.81	23.04	23.23	24.00
EDGE 1Tx Slot	26.97	27.15	27.04	28.00	25.67	25.91	25.89	27.00
EDGE 2Tx Slot	23.67	23.82	23.75	25.00	22.60	22.92	22.85	24.00
EDGE 3Tx Slot	21.98	22.11	22.03	23.00	20.84	21.10	21.07	22.00
EDGE 4Tx Slot	21.28	21.33	21.34	22.00	19.77	19.96	20.01	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.33	23.37	23.43	24.50	20.31	20.32	20.24	21.50
GPRS 1Tx Slot	23.26	23.33	23.41	24.50	20.30	20.31	20.20	21.50
GPRS 2Tx Slot	22.90	22.97	23.09	24.00	19.63	19.80	19.85	20.50
GPRS 3Tx Slot	23.17	23.25	23.37	24.24	19.54	19.75	19.88	20.74
GPRS 4Tx Slot	23.38	23.45	23.59	24.50	19.81	20.04	20.23	21.00
EDGE 1Tx Slot	17.97	18.15	18.04	19.00	16.67	16.91	16.89	18.00
EDGE 2Tx Slot	17.67	17.82	17.75	19.00	16.60	16.92	16.85	18.00
EDGE 3Tx Slot	17.72	17.85	17.77	18.74	16.58	16.84	16.81	17.74
EDGE 4Tx Slot	18.28	18.33	18.34	19.00	16.77	16.96	17.01	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	23.71	23.82	**23.95**	**25.00**	24.31	**24.34**	24.30	**25.50**	24.23	24.28	**24.29**	**25.50**
HSDPA Subtest-1	22.95	23.07	23.19	23.50	23.41	23.47	23.47	24.00	23.37	23.40	23.39	24.00
HSDPA Subtest-2	23.03	23.04	23.13	23.50	23.50	23.44	23.39	24.00	23.35	23.39	23.40	24.00
HSDPA Subtest-3	22.57	22.56	22.66	23.50	22.94	22.94	22.96	24.00	22.89	22.93	22.99	24.00
HSDPA Subtest-4	22.59	22.49	22.65	23.50	22.98	22.97	22.90	24.00	22.93	22.91	22.88	24.00
DC-HSDPA Subtest-1	23.04	22.97	23.14	23.50	23.41	23.52	23.47	24.00	23.35	23.38	23.39	24.00
DC-HSDPA Subtest-2	22.93	23.08	23.08	23.50	23.47	23.44	23.43	24.00	23.38	23.43	23.43	24.00
DC-HSDPA Subtest-3	22.58	22.47	22.60	23.50	22.98	22.97	22.93	24.00	22.86	22.95	22.90	24.00
DC-HSDPA Subtest-4	22.42	22.55	22.62	23.50	22.96	22.94	22.98	24.00	22.86	22.88	22.95	24.00
HSUPA Subtest-1	21.09	21.26	21.29	22.50	21.67	21.64	21.65	23.00	21.57	21.58	21.60	23.00
HSUPA Subtest-2	20.97	20.89	21.05	22.50	21.39	21.41	21.35	23.00	21.33	21.37	21.30	23.00
HSUPA Subtest-3	21.71	21.80	21.89	22.50	22.27	22.31	22.19	23.00	22.16	22.18	22.19	23.00
HSUPA Subtest-4	20.73	20.57	20.59	22.50	21.05	21.17	21.03	23.00	21.20	21.18	21.19	23.00
HSUPA Subtest-5	21.72	21.92	21.99	22.50	22.21	22.27	22.25	23.00	22.20	22.21	22.25	23.00
HSPA+ Subtest-1	21.15	21.09	21.33	22.50	21.53	21.55	21.50	23.00	21.44	21.52	21.50	23.00

GSM&WCDMA DSI-3&4

Ant1

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.33	32.37	**32.43**	33.50	29.31	**29.32**	29.24	30.50
GPRS 1Tx Slot	32.26	32.33	**32.41**	33.50	29.30	**29.31**	29.20	30.50
GPRS 2Tx Slot	28.90	28.97	29.09	30.00	25.63	25.80	25.85	26.50
GPRS 3Tx Slot	27.43	27.51	27.63	28.50	23.80	24.01	24.14	25.00
GPRS 4Tx Slot	26.38	26.45	26.59	27.50	22.81	23.04	23.23	24.00
EDGE 1Tx Slot	26.97	27.15	27.04	28.00	25.67	25.91	25.89	27.00
EDGE 2Tx Slot	23.67	23.82	23.75	25.00	22.60	22.92	22.85	24.00
EDGE 3Tx Slot	21.98	22.11	22.03	23.00	20.84	21.10	21.07	22.00
EDGE 4Tx Slot	21.28	21.33	21.34	22.00	19.77	19.96	20.01	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.33	23.37	23.43	24.50	20.31	20.32	20.24	21.50
GPRS 1Tx Slot	23.26	23.33	23.41	24.50	20.30	20.31	20.20	21.50
GPRS 2Tx Slot	22.90	22.97	23.09	24.00	19.63	19.80	19.85	20.50
GPRS 3Tx Slot	23.17	23.25	23.37	24.24	19.54	19.75	19.88	20.74
GPRS 4Tx Slot	23.38	23.45	23.59	24.50	19.81	20.04	20.23	21.00
EDGE 1Tx Slot	17.97	18.15	18.04	19.00	16.67	16.91	16.89	18.00
EDGE 2Tx Slot	17.67	17.82	17.75	19.00	16.60	16.92	16.85	18.00
EDGE 3Tx Slot	17.72	17.85	17.77	18.74	16.58	16.84	16.81	17.74
EDGE 4Tx Slot	18.28	18.33	18.34	19.00	16.77	16.96	17.01	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	20.75	20.81	**20.89**	**22.00**	20.22	**20.25**	20.17	**21.50**	24.23	24.28	**24.29**	**25.50**
HSDPA Subtest-1	19.71	19.96	19.86	20.50	19.17	19.34	19.33	20.00	23.37	23.40	23.39	24.00
HSDPA Subtest-2	19.88	19.91	20.03	20.50	19.31	19.20	19.17	20.00	23.35	23.39	23.40	24.00
HSDPA Subtest-3	19.24	19.33	19.31	20.50	18.84	18.83	18.85	20.00	22.89	22.93	22.99	24.00
HSDPA Subtest-4	19.29	19.30	19.45	20.50	18.79	18.79	18.70	20.00	22.93	22.91	22.88	24.00
DC-HSDPA Subtest-1	19.75	19.90	20.03	20.50	19.23	19.29	19.38	20.00	23.35	23.38	23.39	24.00
DC-HSDPA Subtest-2	19.77	19.86	20.00	20.50	19.45	19.31	19.24	20.00	23.38	23.43	23.43	24.00
DC-HSDPA Subtest-3	19.32	19.38	19.58	20.50	18.73	18.72	18.78	20.00	22.86	22.95	22.90	24.00
DC-HSDPA Subtest-4	19.34	19.40	19.40	20.50	18.86	18.86	18.88	20.00	22.86	22.88	22.95	24.00
HSUPA Subtest-1	17.98	18.07	18.09	19.50	17.59	17.49	17.48	19.00	21.57	21.58	21.60	23.00
HSUPA Subtest-2	17.72	17.72	17.89	19.50	17.09	17.33	17.19	19.00	21.33	21.37	21.30	23.00
HSUPA Subtest-3	18.71	18.61	18.78	19.50	18.08	18.16	17.96	19.00	22.16	22.18	22.19	23.00
HSUPA Subtest-4	17.60	17.57	17.55	19.50	17.13	17.08	17.11	19.00	21.20	21.18	21.19	23.00
HSUPA Subtest-5	18.54	18.67	18.81	19.50	18.07	18.18	18.06	19.00	22.20	22.21	22.25	23.00
HSPA+ Subtest-1	17.95	17.91	18.02	19.50	17.38	17.38	17.32	19.00	21.44	21.52	21.50	23.00

LTE DSI-1
Ant1

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	23.71	23.76	23.71	25.5
		1	50	24.11	24.10	24.04	25.5
		1	99	23.68	23.66	23.76	25.5
		50	0	23.04	23.02	23.02	24.5
		50	25	23.05	23.03	23.04	24.5
		50	50	23.02	23.01	22.88	24.5
		100	0	23.07	23.08	22.96	24.5
	16QAM	1	0	23.05	23.01	23.08	24.5
		1	50	23.37	23.45	23.29	24.5
		1	99	23.01	22.98	22.92	24.5
		50	0	22.00	22.13	22.05	23.5
		50	25	22.09	22.17	22.10	23.5
		50	50	22.07	22.11	21.93	23.5
		100	0	22.05	22.08	21.99	23.5
	64QAM	1	0	21.92	21.96	21.97	23.5
		1	50	22.30	22.31	22.33	23.5
		1	99	21.90	21.91	21.98	23.5
		50	0	20.99	21.11	21.05	22.5
		50	25	21.06	21.14	21.09	22.5
		50	50	21.08	21.09	21.00	22.5
		100	0	21.01	21.10	21.02	22.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.88	23.86	23.84	25.5
		1	37	24.17	24.12	23.83	25.5
		1	74	23.80	23.73	23.67	25.5
		36	0	23.07	22.98	22.89	24.5
		36	19	23.00	22.95	22.84	24.5
		36	39	23.11	22.97	22.83	24.5
		75	0	22.90	23.09	22.93	24.5
	16QAM	1	0	22.63	22.74	22.68	24.5
		1	37	22.99	22.83	22.80	24.5
		1	74	22.67	22.65	22.58	24.5
		36	0	21.91	21.84	21.82	23.5
		36	19	21.95	21.96	22.01	23.5
		36	39	21.97	22.00	21.79	23.5
		75	0	22.10	21.94	22.04	23.5
	64QAM	1	0	21.72	21.65	21.56	23.5
		1	37	21.95	21.91	22.04	23.5
		1	74	21.70	21.73	21.77	23.5
		36	0	20.86	20.79	20.84	22.5
		36	19	20.83	20.85	20.80	22.5
		36	39	21.07	20.86	20.93	22.5
		75	0	20.86	20.89	20.79	22.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	23.77	23.79	23.74	25.5
		1	24	24.23	24.02	23.87	25.5
		1	49	23.91	23.71	23.81	25.5
		25	0	23.10	22.92	22.89	24.5
		25	12	22.98	22.96	22.81	24.5
		25	25	23.12	22.98	22.86	24.5
		50	0	22.89	23.01	22.97	24.5
	16QAM	1	0	22.66	22.71	22.62	24.5
		1	24	23.00	22.82	22.79	24.5
		1	49	22.56	22.67	22.54	24.5
		25	0	21.91	21.80	21.93	23.5
		25	12	21.88	21.94	21.97	23.5
		25	25	22.00	22.04	21.83	23.5
		50	0	22.08	21.87	22.04	23.5
	64QAM	1	0	21.69	21.78	21.65	23.5
		1	24	22.09	21.88	22.13	23.5
		1	49	21.70	21.70	21.63	23.5
		25	0	20.91	20.79	20.76	22.5
		25	12	20.88	20.91	20.89	22.5
		25	25	21.06	20.85	20.88	22.5
		50	0	21.00	20.96	20.80	22.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.84	23.91	23.75	25.5
		1	12	24.18	24.05	23.83	25.5
		1	24	23.93	23.74	23.73	25.5
		12	0	23.08	22.95	22.91	24.5
		12	6	22.99	22.89	22.89	24.5
		12	13	23.06	22.99	22.91	24.5
		25	0	22.90	23.11	22.90	24.5
	16QAM	1	0	22.77	22.77	22.57	24.5
		1	12	22.94	22.85	22.83	24.5
		1	24	22.69	22.66	22.59	24.5
		12	0	21.96	21.94	21.82	23.5
		12	6	21.91	21.86	21.93	23.5
		12	13	21.99	22.09	21.88	23.5
		25	0	22.01	21.94	21.96	23.5
	64QAM	1	0	21.65	21.76	21.53	23.5
		1	12	22.00	21.90	22.11	23.5
		1	24	21.69	21.66	21.64	23.5
		12	0	20.87	20.89	20.78	22.5
		12	6	20.82	20.90	20.88	22.5
		12	13	20.96	20.84	20.93	22.5
		25	0	20.92	20.90	20.81	22.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.88	23.89	23.83	25.5
		1	7	24.23	24.04	23.84	25.5
		1	14	23.81	23.71	23.74	25.5
		8	0	23.06	22.96	23.02	24.5
		8	3	23.07	22.92	22.90	24.5
		8	7	23.16	22.99	22.81	24.5
		15	0	23.01	23.03	22.91	24.5
	16QAM	1	0	22.69	22.70	22.64	24.5
		1	7	23.01	22.82	22.72	24.5
		1	14	22.57	22.68	22.53	24.5
		8	0	22.00	21.94	21.91	23.5
		8	3	21.95	21.86	21.97	23.5
		8	7	21.97	22.10	21.87	23.5
		15	0	21.97	21.82	21.95	23.5
	64QAM	1	0	21.72	21.79	21.62	23.5
		1	7	22.00	21.90	22.10	23.5
		1	14	21.61	21.65	21.72	23.5
		8	0	20.94	20.88	20.74	22.5
		8	3	20.85	20.87	20.84	22.5
		8	7	21.01	20.88	20.92	22.5
		15	0	20.92	20.89	20.79	22.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.70	23.75	23.68	25.5
		1	2	24.05	23.97	24.01	25.5
		1	5	23.60	23.54	23.70	25.5
		3	0	23.75	23.73	23.76	25.5
		3	1	23.79	23.76	23.72	25.5
		3	3	23.69	23.76	23.57	25.5
		6	0	22.97	22.96	22.94	24.5
	16QAM	1	0	23.04	23.00	22.98	24.5
		1	2	23.28	23.36	23.21	24.5
		1	5	22.92	22.86	22.86	24.5
		3	0	22.79	22.81	22.80	24.5
		3	1	22.77	22.88	22.81	24.5
		3	3	22.74	22.88	22.66	24.5
		6	0	22.02	22.01	21.90	23.5
	64QAM	1	0	21.79	21.92	21.90	23.5
		1	2	22.27	22.22	22.19	23.5
		1	5	21.86	21.80	21.94	23.5
		3	0	21.72	21.84	21.83	23.5
		3	1	21.85	21.95	21.88	23.5
		3	3	21.82	21.84	21.80	23.5
		6	0	20.97	21.06	20.93	22.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	23.78	23.68	23.79	25.5
		1	50	24.11	24.15	24.20	25.5
		1	99	23.90	23.80	23.78	25.5
		50	0	23.23	23.18	23.21	24.5
		50	25	23.27	23.26	23.29	24.5
		50	50	23.26	23.23	23.20	24.5
		100	0	23.21	23.22	23.23	24.5
	16QAM	1	0	23.06	23.12	23.15	24.5
		1	50	23.44	23.47	23.48	24.5
		1	99	23.21	23.19	23.12	24.5
		50	0	22.22	22.18	22.22	23.5
		50	25	22.25	22.26	22.26	23.5
		50	50	22.24	22.24	22.21	23.5
		100	0	22.17	22.21	22.22	23.5
	64QAM	1	0	21.98	22.06	22.08	23.5
		1	50	22.36	22.44	22.43	23.5
		1	99	22.07	22.13	22.09	23.5
		50	0	21.13	21.17	21.18	22.5
		50	25	21.22	21.24	21.22	22.5
		50	50	21.18	21.23	21.19	22.5
		100	0	21.14	21.20	21.27	22.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.88	23.86	23.71	25.5
		1	37	24.20	24.12	23.93	25.5
		1	74	23.90	23.62	23.68	25.5
		36	0	22.98	22.90	22.89	24.5
		36	19	23.04	22.87	22.82	24.5
		36	39	23.18	23.03	22.91	24.5
		75	0	23.00	23.00	22.94	24.5
	16QAM	1	0	22.77	22.76	22.61	24.5
		1	37	22.91	22.91	22.74	24.5
		1	74	22.67	22.55	22.50	24.5
		36	0	21.99	21.88	21.81	23.5
		36	19	21.82	21.92	21.90	23.5
		36	39	21.99	22.03	21.78	23.5
		75	0	22.10	21.89	21.97	23.5
	64QAM	1	0	21.66	21.75	21.58	23.5
		1	37	22.01	21.97	22.13	23.5
		1	74	21.72	21.72	21.74	23.5
		36	0	20.90	20.76	20.83	22.5
		36	19	20.91	20.92	20.90	22.5
		36	39	20.99	20.84	20.90	22.5
		75	0	20.90	20.92	20.77	22.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	23.82	23.90	23.83	25.5
		1	24	24.20	24.04	23.82	25.5
		1	49	23.89	23.75	23.76	25.5
		25	0	23.06	22.88	22.90	24.5
		25	12	23.03	22.95	22.88	24.5
		25	25	23.16	23.02	22.93	24.5
		50	0	22.96	23.08	22.94	24.5
	16QAM	1	0	22.67	22.79	22.59	24.5
		1	24	22.91	22.90	22.82	24.5
		1	49	22.61	22.64	22.62	24.5
		25	0	21.98	21.90	21.85	23.5
		25	12	21.89	21.95	21.95	23.5
		25	25	21.97	21.98	21.88	23.5
		50	0	22.05	21.88	21.94	23.5
	64QAM	1	0	21.73	21.68	21.62	23.5
		1	24	22.08	21.99	22.09	23.5
		1	49	21.71	21.71	21.71	23.5
		25	0	20.80	20.88	20.75	22.5
		25	12	20.94	20.87	20.85	22.5
		25	25	20.97	20.88	20.83	22.5
		50	0	20.92	20.98	20.79	22.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.88	23.80	23.82	25.5
		1	12	24.21	24.06	23.92	25.5
		1	24	23.93	23.76	23.79	25.5
		12	0	23.03	22.85	22.99	24.5
		12	6	23.06	22.95	22.86	24.5
		12	13	23.09	23.09	22.84	24.5
		25	0	22.97	23.04	22.83	24.5
	16QAM	1	0	22.74	22.70	22.70	24.5
		1	12	22.94	22.84	22.72	24.5
		1	24	22.68	22.66	22.58	24.5
		12	0	22.03	21.91	21.84	23.5
		12	6	21.87	21.94	21.91	23.5
		12	13	21.90	21.98	21.82	23.5
		25	0	22.09	21.86	21.94	23.5
	64QAM	1	0	21.63	21.70	21.55	23.5
		1	12	21.99	21.95	22.15	23.5
		1	24	21.70	21.60	21.68	23.5
		12	0	20.83	20.82	20.73	22.5
		12	6	20.82	20.88	20.88	22.5
		12	13	21.02	20.86	20.92	22.5
		25	0	21.00	20.98	20.86	22.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	23.88	23.79	23.82	25.5
		1	7	24.25	24.13	23.86	25.5
		1	14	23.90	23.64	23.72	25.5
		8	0	23.10	22.95	23.01	24.5
		8	3	22.99	22.87	22.88	24.5
		8	7	23.09	23.03	22.94	24.5
		15	0	23.02	22.98	22.84	24.5
	16QAM	1	0	22.68	22.80	22.58	24.5
		1	7	22.94	22.82	22.71	24.5
		1	14	22.58	22.67	22.49	24.5
		8	0	22.00	21.87	21.94	23.5
		8	3	21.86	21.83	21.93	23.5
		8	7	22.00	22.10	21.85	23.5
		15	0	22.05	21.94	22.04	23.5
	64QAM	1	0	21.62	21.78	21.65	23.5
		1	7	21.99	21.98	22.09	23.5
		1	14	21.73	21.70	21.71	23.5
		8	0	20.80	20.84	20.76	22.5
		8	3	20.83	20.82	20.89	22.5
		8	7	20.98	20.84	20.89	22.5
		15	0	20.86	20.97	20.80	22.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.69	23.56	23.74	25.5
		1	2	24.01	24.05	24.15	25.5
		1	5	23.81	23.65	23.77	25.5
		3	0	23.96	23.95	23.89	25.5
		3	1	24.07	24.05	24.01	25.5
		3	3	24.06	24.04	23.91	25.5
		6	0	23.15	23.08	23.16	24.5
	16QAM	1	0	23.05	23.04	23.10	24.5
		1	2	23.33	23.45	23.43	24.5
		1	5	23.08	23.17	23.04	24.5
		3	0	22.91	22.89	22.91	24.5
		3	1	22.93	22.96	22.93	24.5
		3	3	23.03	23.04	22.89	24.5
		6	0	22.10	22.14	22.20	23.5
	64QAM	1	0	21.97	21.95	22.01	23.5
		1	2	22.29	22.39	22.29	23.5
		1	5	21.94	22.00	22.06	23.5
		3	0	21.87	21.92	21.94	23.5
		3	1	22.00	22.05	21.95	23.5
		3	3	21.86	22.03	21.95	23.5
		6	0	21.08	21.16	21.24	22.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.23	24.35	24.32	25.5
		1	24	24.39	24.43	24.44	25.5
		1	49	24.25	24.27	24.34	25.5
		25	0	23.30	23.40	23.28	24.5
		25	12	23.32	23.41	23.43	24.5
		25	25	23.27	23.39	23.40	24.5
		50	0	23.29	23.35	23.36	24.5
	16QAM	1	0	23.50	23.55	23.56	24.5
		1	24	23.73	23.61	23.65	24.5
		1	49	23.53	23.54	23.55	24.5
		25	0	22.41	22.50	22.37	23.5
		25	12	22.38	22.43	22.47	23.5
		25	25	22.33	22.50	22.45	23.5
		50	0	22.37	22.48	22.41	23.5
	64QAM	1	0	22.46	22.62	22.50	23.5
		1	24	22.61	22.61	22.68	23.5
		1	49	22.49	22.46	22.56	23.5
		25	0	21.35	21.48	21.32	22.5
		25	12	21.37	21.42	21.39	22.5
		25	25	21.31	21.44	21.38	22.5
		50	0	21.33	21.47	21.35	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.09	24.23	24.24	25.5
		1	12	24.38	24.40	24.33	25.5
		1	24	24.15	24.19	24.22	25.5
		12	0	23.15	23.36	23.21	24.5
		12	6	23.22	23.38	23.30	24.5
		12	13	23.25	23.36	23.29	24.5
		25	0	23.14	23.31	23.31	24.5
	16QAM	1	0	23.48	23.52	23.43	24.5
		1	12	23.72	23.60	23.50	24.5
		1	24	23.40	23.39	23.51	24.5
		12	0	22.40	22.45	22.24	23.5
		12	6	22.29	22.40	22.39	23.5
		12	13	22.32	22.36	22.30	23.5
		25	0	22.24	22.47	22.31	23.5
	64QAM	1	0	22.45	22.54	22.44	23.5
		1	12	22.47	22.49	22.53	23.5
		1	24	22.44	22.43	22.53	23.5
		12	0	21.28	21.47	21.31	22.5
		12	6	21.26	21.35	21.36	22.5
		12	13	21.29	21.38	21.34	22.5
		25	0	21.20	21.46	21.29	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.18	24.25	24.29	25.5
		1	7	24.38	24.41	24.30	25.5
		1	14	24.23	24.17	24.28	25.5
		8	0	23.25	23.29	23.23	24.5
		8	3	23.23	23.39	23.39	24.5
		8	7	23.19	23.36	23.37	24.5
		15	0	23.22	23.21	23.32	24.5
	16QAM	1	0	23.49	23.54	23.44	24.5
		1	7	23.65	23.57	23.50	24.5
		1	14	23.43	23.46	23.47	24.5
		8	0	22.27	22.45	22.30	23.5
		8	3	22.30	22.41	22.34	23.5
		8	7	22.18	22.46	22.30	23.5
		15	0	22.23	22.37	22.36	23.5
	64QAM	1	0	22.37	22.55	22.46	23.5
		1	7	22.52	22.46	22.65	23.5
		1	14	22.38	22.45	22.50	23.5
		8	0	21.22	21.40	21.30	22.5
		8	3	21.30	21.34	21.37	22.5
		8	7	21.29	21.39	21.24	22.5
		15	0	21.27	21.37	21.27	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.15	24.34	24.24	25.5
		1	2	24.38	24.30	24.41	25.5
		1	5	24.24	24.17	24.29	25.5
		3	0	24.21	24.38	24.18	25.5
		3	1	24.26	24.32	24.32	25.5
		3	3	24.23	24.27	24.25	25.5
		6	0	23.21	23.22	23.30	24.5
	16QAM	1	0	23.45	23.50	23.55	24.5
		1	2	23.68	23.46	23.55	24.5
		1	5	23.50	23.51	23.48	24.5
		3	0	23.31	23.48	23.26	24.5
		3	1	23.25	23.33	23.42	24.5
		3	3	23.24	23.46	23.43	24.5
		6	0	22.22	22.47	22.33	23.5
	64QAM	1	0	22.42	22.52	22.43	23.5
		1	2	22.58	22.57	22.58	23.5
		1	5	22.38	22.31	22.44	23.5
		3	0	22.23	22.39	22.20	23.5
		3	1	22.31	22.41	22.36	23.5
		3	3	22.18	22.39	22.37	23.5
		6	0	21.26	21.37	21.21	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
BW	Modulation	Channel		20850	21100	21350	Max. Tune-up (dBm)
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.89	23.81	23.80	25
		1	50	**24.18**	24.02	24.10	25
		1	99	23.73	23.70	23.67	25
		50	0	23.20	23.11	23.07	24
		50	25	23.23	23.13	23.11	24
		50	50	23.22	22.98	23.01	24
		100	0	23.18	23.02	23.00	24
	16QAM	1	0	23.11	23.10	23.08	24
		1	50	23.34	23.27	23.31	24
		1	99	23.03	22.87	22.91	24
		50	0	22.21	22.10	22.07	23
		50	25	22.20	22.12	22.06	23
		50	50	22.17	21.98	22.00	23
		100	0	22.15	22.00	21.98	23
	64QAM	1	0	22.20	22.01	22.02	23
		1	50	22.37	22.19	22.32	23
		1	99	21.94	21.92	21.76	23
		50	0	21.19	20.97	21.05	22
		50	25	21.17	21.09	21.04	22
		50	50	21.14	20.96	20.93	22
		100	0	21.13	20.98	20.99	22
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.81	23.80	23.68	25
		1	37	24.15	23.91	24.09	25
		1	74	23.70	23.57	23.62	25
		36	0	23.14	23.02	22.99	24
		36	19	23.17	23.01	23.01	24
		36	39	23.19	22.83	22.91	24
		75	0	23.09	22.90	22.94	24
	16QAM	1	0	22.99	22.95	23.00	24
		1	37	23.28	23.23	23.29	24
		1	74	22.96	22.84	22.79	24
		36	0	22.10	22.05	22.06	23
		36	19	22.09	22.00	21.92	23
		36	39	22.10	21.85	21.93	23
		75	0	22.02	21.91	21.86	23
	64QAM	1	0	22.08	21.91	21.88	23
		1	37	22.28	22.14	22.30	23
		1	74	21.84	21.78	21.68	23
		36	0	21.13	20.91	21.03	22
		36	19	21.16	20.98	21.02	22
		36	39	21.08	20.82	20.83	22
		75	0	21.00	20.95	20.93	22
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.85	23.70	23.74	25
		1	24	24.12	23.95	24.02	25
		1	49	23.63	23.62	23.59	25
		25	0	23.21	22.99	23.01	24
		25	12	23.16	23.05	23.05	24
		25	25	23.13	22.90	22.97	24
		50	0	23.04	22.93	22.91	24
	16QAM	1	0	23.09	23.05	23.01	24
		1	24	23.31	23.24	23.29	24
		1	49	22.96	22.73	22.82	24
		25	0	22.06	21.96	22.00	23
		25	12	22.11	22.02	21.93	23
		25	25	22.05	21.91	21.93	23
		50	0	22.09	21.85	21.97	23
	64QAM	1	0	22.12	22.00	21.99	23
		1	24	22.29	22.12	22.18	23
		1	49	21.84	21.83	21.71	23
		25	0	21.16	20.84	20.98	22
		25	12	21.10	20.99	20.91	22
		25	25	21.08	20.82	20.81	22
		50	0	21.07	20.84	20.94	22
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.82	23.72	23.78	25
		1	12	24.09	23.95	24.04	25
		1	24	23.69	23.55	23.54	25
		12	0	23.22	23.06	23.02	24
		12	6	23.06	23.07	23.03	24
		12	13	23.09	22.87	22.86	24
		25	0	23.04	23.00	22.86	24
	16QAM	1	0	23.08	22.95	23.05	24
		1	12	23.31	23.12	23.25	24
		1	24	22.93	22.75	22.86	24
		12	0	22.19	22.03	21.92	23
		12	6	22.13	22.05	21.93	23
		12	13	22.11	21.83	21.96	23
		25	0	22.10	21.88	21.93	23
	64QAM	1	0	22.07	21.86	21.97	23
		1	12	22.31	22.10	22.25	23
		1	24	21.91	21.77	21.69	23
		12	0	21.18	20.93	20.92	22
		12	6	21.09	21.02	21.00	22
		12	13	20.99	20.84	20.92	22
		25	0	21.12	20.95	20.91	22

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
BW	Modulation	Channel		37850	38000	38150	Max. Tune-up (dBm)
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.72	23.85	23.84	25
		1	50	23.97	**24.03**	24.01	25
		1	99	23.75	23.76	23.80	25
		50	0	22.82	22.94	22.93	24
		50	25	22.84	22.96	22.94	24
		50	50	22.81	22.82	22.81	24
		100	0	22.93	22.95	22.94	24
	16QAM	1	0	22.76	22.79	22.81	24
		1	50	23.07	23.09	23.11	24
		1	99	22.72	22.69	22.71	24
		50	0	21.90	21.96	22.03	23
		50	25	21.94	21.99	21.98	23
		50	50	21.91	21.88	21.85	23
		100	0	21.93	21.97	21.97	23
	64QAM	1	0	21.73	21.79	21.68	23
		1	50	21.79	21.80	21.83	23
		1	99	21.66	21.69	21.73	23
		50	0	20.82	20.95	20.97	22
		50	25	20.88	20.96	20.96	22
		50	50	20.84	20.82	20.78	22
		100	0	20.84	20.91	20.95	22
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.69	23.76	23.70	25
		1	37	23.99	23.99	23.91	25
		1	74	23.60	23.73	23.73	25
		36	0	22.75	22.81	22.85	24
		36	19	22.82	22.84	22.81	24
		36	39	22.74	22.73	22.75	24
		75	0	22.92	22.84	22.81	24
	16QAM	1	0	22.63	22.75	22.70	24
		1	37	22.98	22.95	23.08	24
		1	74	22.68	22.60	22.66	24
		36	0	21.75	21.89	21.99	23
		36	19	21.92	21.95	21.90	23
		36	39	21.84	21.82	21.82	23
		75	0	21.87	21.89	21.94	23
	64QAM	1	0	21.65	21.77	21.67	23
		1	37	21.64	21.66	21.76	23
		1	74	21.53	21.56	21.62	23
		36	0	20.79	20.94	20.96	22
		36	19	20.85	20.82	20.92	22
		36	39	20.75	20.78	20.73	22
		75	0	20.72	20.90	20.91	22
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.62	23.81	23.69	25
		1	24	23.93	23.92	23.96	25
		1	49	23.72	23.70	23.73	25
		25	0	22.79	22.93	22.89	24
		25	12	22.69	22.94	22.80	24
		25	25	22.73	22.75	22.75	24
		50	0	22.90	22.84	22.85	24
	16QAM	1	0	22.66	22.70	22.69	24
		1	24	22.94	23.06	23.03	24
		1	49	22.57	22.66	22.56	24
		25	0	21.75	21.87	21.90	23
		25	12	21.80	21.95	21.88	23
		25	25	21.81	21.73	21.72	23
		50	0	21.87	21.90	21.88	23
	64QAM	1	0	21.65	21.69	21.60	23
		1	24	21.67	21.77	21.75	23
		1	49	21.52	21.65	21.68	23
		25	0	20.68	20.82	20.94	22
		25	12	20.82	20.82	20.82	22
		25	25	20.83	20.71	20.76	22
		50	0	20.76	20.78	20.93	22
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.70	23.70	25
		1	12	24.00	23.90	23.86	25
		1	24	23.66	23.67	23.73	25
		12	0	22.74	22.88	22.91	24
		12	6	22.80	22.86	22.86	24
		12	13	22.68	22.74	22.72	24
		25	0	22.84	22.85	22.93	24
	16QAM	1	0	22.64	22.75	22.66	24
		1	12	23.04	22.99	22.97	24
		1	24	22.59	22.58	22.57	24
		12	0	21.89	21.87	21.99	23
		12	6	21.92	21.92	21.87	23
		12	13	21.77	21.81	21.70	23
		25	0	21.83	21.87	21.93	23
	64QAM	1	0	21.64	21.64	21.64	23
		1	12	21.75	21.70	21.74	23
		1	24	21.51	21.55	21.63	23
		12	0	20.81	20.90	20.94	22
		12	6	20.75	20.95	20.87	22
		12	13	20.70	20.76	20.66	22
		25	0	20.72	20.90	20.91	22

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
BW	Modulation	Channel		39750	40185	40620	41055	41490	Max. Tune-up (dBm)
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	23.70	23.57	23.64	23.57	23.34	25
		1	50	**23.96**	23.80	23.94	23.91	23.49	25
		1	99	23.56	23.46	23.58	23.52	23.44	25
		50	0	22.79	22.68	22.79	22.69	22.65	24
		50	25	22.86	22.71	22.81	22.71	22.67	24
		50	50	22.82	22.67	22.76	22.67	22.66	24
		100	0	22.89	22.74	22.86	22.84	22.77	24
	16QAM	1	0	22.75	22.66	22.75	22.61	22.29	24
		1	50	22.99	22.87	23.02	22.99	22.54	24
		1	99	22.64	22.57	22.66	22.54	22.51	24
		50	0	21.84	21.78	21.90	21.76	21.70	23
		50	25	21.88	21.91	21.92	21.77	21.77	23
		50	50	21.88	21.82	21.85	21.83	21.76	23
		100	0	21.93	21.78	21.90	21.88	21.75	23
	64QAM	1	0	21.35	21.24	21.34	21.23	21.30	23
		1	50	21.62	21.47	21.57	21.45	21.50	23
		1	99	21.23	21.28	21.22	21.21	21.22	23
		50	0	20.77	20.75	20.85	20.77	20.67	22
		50	25	20.84	20.83	20.88	20.82	20.71	22
		50	50	20.79	20.68	20.81	20.72	20.67	22
		100	0	20.88	20.75	20.90	20.86	20.74	22
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.55	23.49	23.50	23.42	23.23	25
		1	37	23.84	23.75	23.83	23.87	23.38	25
		1	74	23.45	23.41	23.46	23.43	23.40	25
		36	0	22.64	22.54	22.67	22.57	22.51	24
		36	19	22.80	22.56	22.70	22.67	22.60	24
		36	39	22.68	22.61	22.73	22.66	22.57	24
		75	0	22.87	22.59	22.71	22.78	22.64	24
	16QAM	1	0	22.72	22.59	22.64	22.56	22.14	24
		1	37	22.93	22.81	23.01	22.92	22.44	24
		1	74	22.62	22.42	22.55	22.51	22.37	24
		36	0	21.81	21.71	21.83	21.62	21.65	23
		36	19	21.85	21.83	21.79	21.74	21.64	23
		36	39	21.73	21.70	21.79	21.72	21.70	23
		75	0	21.87	21.76	21.83	21.78	21.69	23
	64QAM	1	0	21.20	21.17	21.31	21.08	21.15	23
		1	37	21.57	21.32	21.56	21.44	21.49	23
		1	74	21.19	21.25	21.17	21.17	21.19	23
		36	0	20.73	20.60	20.73	20.70	20.60	22
		36	19	20.77	20.68	20.80	20.73	20.70	22
		36	39	20.69	20.61	20.69	20.60	20.56	22
		75	0	20.75	20.67	20.80	20.79	20.60	22
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.67	23.52	23.49	23.48	23.30	25
		1	24	23.93	23.69	23.85	23.85	23.40	25
		1	49	23.51	23.43	23.56	23.45	23.35	25
		25	0	22.69	22.56	22.74	22.54	22.55	24
		25	12	22.82	22.58	22.67	22.66	22.53	24
		25	25	22.70	22.62	22.71	22.65	22.61	24
		50	0	22.82	22.66	22.79	22.75	22.75	24
	16QAM	1	0	22.69	22.54	22.60	22.52	22.23	24
		1	24	22.89	22.84	22.97	22.85	22.48	24
		1	49	22.49	22.56	22.57	22.43	22.45	24
		25	0	21.71	21.76	21.82	21.69	21.58	23
		25	12	21.82	21.77	21.83	21.75	21.72	23
		25	25	21.83	21.70	21.74	21.79	21.69	23
		50	0	21.88	21.71	21.77	21.83	21.72	23
	64QAM	1	0	21.28	21.11	21.30	21.12	21.29	23
		1	24	21.54	21.40	21.48	21.38	21.49	23
		1	49	21.11	21.24	21.16	21.19	21.08	23
		25	0	20.73	20.71	20.81	20.69	20.64	22
		25	12	20.75	20.79	20.87	20.67	20.56	22
		25	25	20.67	20.53	20.74	20.64	20.62	22
		50	0	20.75	20.70	20.81	20.77	20.69	22
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.59	23.50	23.51	23.51	23.25	25
		1	12	23.94	23.72	23.91	23.86	23.38	25
		1	24	23.49	23.34	23.51	23.38	23.35	25
		12	0	22.64	22.62	22.67	22.65	22.53	24
		12	6	22.84	22.57	22.68	22.65	22.53	24
		12	13	22.70	22.66	22.61	22.66	22.51	24
		25	0	22.75	22.70	22.71	22.70	22.66	24
	16QAM	1	0	22.62	22.65	22.70	22.56	22.20	24
		1	12	22.90	22.86	22.93	22.93	22.44	24
		1	24	22.61	22.44	22.55	22.41	22.48	24
		12	0	21.79	21.67	21.83	21.65	21.62	23
		12	6	21.80	21.90	21.80	21.68	21.68	23
		12	13	21.80	21.76	21.71	21.81	21.63	23
		25	0	21.80	21.66	21.77	21.82	21.73	23
	64QAM	1	0	21.24	21.22	21.28	21.20	21.27	23
		1	12	21.56	21.40	21.48	21.44	21.49	23
		1	24	21.21	21.23	21.09	21.18	21.09	23
		12	0	20.71	20.63	20.73	20.72	20.62	22
		12	6	20.76	20.73	20.78	20.78	20.67	22
		12	13	20.65	20.59	20.80	20.60	20.55	22
		25	0	20.78	20.60	20.82	20.85	20.66	22

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
BW	Modulation	Channel		132072	132322	132572	Max. Tune-up (dBm)
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	23.87	23.88	23.78	25.5
		1	50	24.24	**24.26**	24.22	25.5
		1	99	23.88	23.89	23.86	25.5
		50	0	23.25	23.24	23.25	24.5
		50	25	23.28	23.29	23.26	24.5
		50	50	23.27	23.19	23.13	24.5
		100	0	23.21	23.28	23.16	24.5
	16QAM	1	0	23.07	23.17	23.08	24.5
		1	50	23.34	23.35	23.32	24.5
		1	99	23.31	23.05	23.23	24.5
		50	0	22.22	22.24	22.24	23.5
		50	25	22.27	22.19	22.23	23.5
		50	50	22.26	22.20	22.12	23.5
		100	0	22.24	22.19	22.15	23.5
	64QAM	1	0	22.14	22.10	22.05	23.5
		1	50	22.44	22.45	22.41	23.5
		1	99	22.02	22.12	22.10	23.5
		50	0	21.16	21.19	21.13	22.5
		50	25	21.20	21.27	21.22	22.5
		50	50	21.26	21.22	21.09	22.5
		100	0	21.23	21.26	21.14	22.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.87	23.83	23.72	25.5
		1	37	24.12	24.10	23.84	25.5
		1	74	23.85	23.64	23.70	25.5
		36	0	23.06	22.87	22.94	24.5
		36	19	22.93	23.00	22.83	24.5
		36	39	23.14	23.04	22.95	24.5
		75	0	23.01	23.03	22.87	24.5
	16QAM	1	0	22.64	22.72	22.70	24.5
		1	37	22.92	22.85	22.75	24.5
		1	74	22.63	22.64	22.60	24.5
		36	0	22.03	21.80	21.92	23.5
		36	19	21.88	21.85	21.96	23.5
		36	39	21.92	22.06	21.83	23.5
		75	0	21.97	21.94	21.95	23.5
	64QAM	1	0	21.70	21.77	21.61	23.5
		1	37	22.00	21.98	22.06	23.5
		1	74	21.59	21.64	21.67	23.5
		36	0	20.89	20.86	20.78	22.5
		36	19	20.94	20.92	20.89	22.5
		36	39	21.07	20.83	20.91	22.5
		75	0	20.97	20.87	20.86	22.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	23.86	23.87	23.73	25.5
		1	24	24.18	24.14	23.90	25.5
		1	49	23.83	23.68	23.72	25.5
		25	0	23.05	22.85	23.00	24.5
		25	12	23.04	22.97	22.87	24.5
		25	25	23.18	23.02	22.84	24.5
		50	0	22.99	23.02	22.89	24.5
	16QAM	1	0	22.69	22.67	22.63	24.5
		1	24	22.92	22.93	22.83	24.5
		1	49	22.68	22.58	22.54	24.5
		25	0	21.95	21.80	21.93	23.5
		25	12	21.84	21.84	21.90	23.5
		25	25	21.98	22.03	21.91	23.5
		50	0	22.05	21.90	22.05	23.5
	64QAM	1	0	21.64	21.79	21.57	23.5
		1	24	21.96	21.87	22.12	23.5
		1	49	21.61	21.64	21.67	23.5
		25	0	20.84	20.89	20.75	22.5
		25	12	20.91	20.94	20.81	22.5
		25	25	21.01	20.85	20.82	22.5
		50	0	20.98	20.94	20.86	22.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	23.77	23.84	23.85	25.5
		1	12	24.21	24.05	23.90	25.5
		1	24	23.80	23.73	23.69	25.5
		12	0	23.00	22.97	22.91	24.5
		12	6	23.05	22.89	22.91	24.5
		12	13	23.10	22.97	22.85	24.5
		25	0	22.99	23.10	22.88	24.5
	16QAM	1	0	22.76	22.72	22.57	24.5
		1	12	22.98	22.92	22.78	24.5
		1	24	22.62	22.60	22.54	24.5
		12	0	21.92	21.88	21.81	23.5
		12	6	21.86	21.92	21.94	23.5
		12	13	21.91	22.01	21.91	23.5
		25	0	22.02	21.82	21.98	23.5
	64QAM	1	0	21.65	21.67	21.60	23.5
		1	12	21.95	21.96	22.11	23.5
		1	24	21.60	21.73	21.70	23.5
		12	0	20.83	20.83	20.72	22.5
		12	6	20.93	20.89	20.91	22.5
		12	13	20.96	20.79	20.83	22.5
		25	0	20.94	20.97	20.89	22.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	23.88	23.89	23.71	25.5
		1	7	24.15	24.08	23.90	25.5
		1	14	23.84	23.71	23.73	25.5
		8	0	22.98	22.86	22.92	24.5
		8	3	23.00	23.00	22.94	24.5
		8	7	23.15	23.06	22.84	24.5
		15	0	22.88	23.04	22.95	24.5
	16QAM	1	0	22.64	22.77	22.71	24.5
		1	7	23.00	22.89	22.81	24.5
		1	14	22.68	22.55	22.56	24.5
		8	0	22.03	21.84	21.93	23.5
		8	3	21.87	21.90	21.96	23.5
		8	7	21.95	22.06	21.79	23.5
		15	0	22.07	21.82	21.95	23.5
	64QAM	1	0	21.65	21.73	21.58	23.5
		1	7	22.09	21.99	22.13	23.5
		1	14	21.59	21.65	21.64	23.5
		8	0	20.83	20.90	20.85	22.5
		8	3	20.89	20.86	20.93	22.5
		8	7	21.05	20.77	20.80	22.5
		15	0	20.95	20.91	20.78	22.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	23.82	23.84	23.77	25.5
		1	2	24.17	24.25	24.12	25.5
		1	5	23.79	23.74	23.75	25.5
		3	0	23.93	23.91	23.91	25.5
		3	1	24.03	24.01	24.00	25.5
		3	3	24.05	23.93	23.78	25.5
		6	0	23.09	23.24	23.09	24.5
	16QAM	1	0	22.98	23.09	22.93	24.5
		1	2	23.30	23.22	23.26	24.5
		1	5	23.25	23.04	23.20	24.5
		3	0	23.01	22.89	22.90	24.5
		3	1	23.00	22.87	22.95	24.5
		3	3	22.91	22.93	22.77	24.5
		6	0	22.12	22.04	22.14	23.5
	64QAM	1	0	22.03	22.08	22.03	23.5
		1	2	22.35	22.30	22.32	23.5
		1	5	21.89	22.09	22.06	23.5
		3	0	21.89	21.92	21.82	23.5
		3	1	21.96	22.03	21.94	23.5
		3	3	22.03	21.94	21.74	23.5
		6	0	21.20	21.21	21.01	22.5

LTE DSI-2
Ant1

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	23.38	23.42	23.33	25
		1	50	23.50	23.44	23.43	25
		1	99	23.23	23.42	23.18	25
		50	0	22.79	22.81	22.83	24.5
		50	25	22.89	22.83	22.85	24.5
		50	50	22.82	22.71	22.76	24.5
		100	0	22.91	22.80	22.87	24.5
	16QAM	1	0	22.78	22.90	22.82	24.5
		1	50	23.16	23.34	23.12	24.5
		1	99	22.90	22.73	22.88	24.5
		50	0	21.85	21.94	21.85	23.5
		50	25	21.83	22.04	21.90	23.5
		50	50	21.91	21.92	21.67	23.5
		100	0	21.90	21.86	21.84	23.5
	64QAM	1	0	21.76	21.79	21.74	23.5
		1	50	22.18	22.02	22.12	23.5
		1	99	21.79	21.75	21.83	23.5
		50	0	20.97	20.92	20.87	22.5
		50	25	20.91	21.02	21.03	22.5
		50	50	20.92	20.89	20.86	22.5
		100	0	20.81	20.97	20.84	22.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.28	23.39	23.24	25
		1	37	23.45	23.39	23.33	25
		1	74	23.16	23.40	23.07	25
		36	0	22.70	22.78	22.84	24.5
		36	19	22.73	22.78	22.75	24.5
		36	39	22.92	22.85	22.66	24.5
		75	0	22.88	22.73	22.82	24.5
	16QAM	1	0	22.67	22.77	22.68	24.5
		1	37	23.05	23.25	23.06	24.5
		1	74	22.89	22.69	22.81	24.5
		36	0	21.80	21.93	21.70	23.5
		36	19	21.80	21.98	21.79	23.5
		36	39	21.82	21.81	21.63	23.5
		75	0	21.84	21.72	21.76	23.5
	64QAM	1	0	21.65	21.69	21.62	23.5
		1	37	22.06	21.93	22.04	23.5
		1	74	21.70	21.66	21.82	23.5
		36	0	20.85	20.88	20.83	22.5
		36	19	20.85	20.89	20.94	22.5
		36	39	20.88	20.88	20.79	22.5
		75	0	20.79	20.88	20.70	22.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	23.34	23.40	23.19	25
		1	24	23.36	23.33	23.29	25
		1	49	23.16	23.34	23.08	25
		25	0	22.67	22.69	22.90	24.5
		25	12	22.83	22.68	22.85	24.5
		25	25	22.90	22.82	22.67	24.5
		50	0	22.84	22.72	22.81	24.5
	16QAM	1	0	22.75	22.75	22.77	24.5
		1	24	23.15	23.20	22.98	24.5
		1	49	22.88	22.69	22.73	24.5
		25	0	21.81	21.81	21.84	23.5
		25	12	21.82	21.93	21.84	23.5
		25	25	21.84	21.89	21.54	23.5
		50	0	21.78	21.78	21.71	23.5
	64QAM	1	0	21.70	21.78	21.62	23.5
		1	24	21.99	21.93	22.02	23.5
		1	49	21.76	21.72	21.72	23.5
		25	0	20.87	20.78	20.84	22.5
		25	12	20.81	20.88	20.98	22.5
		25	25	20.84	20.83	20.71	22.5
		50	0	20.79	20.93	20.80	22.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.24	23.40	23.23	25
		1	12	23.39	23.37	23.38	25
		1	24	23.09	23.40	23.17	25
		12	0	22.66	22.77	22.82	24.5
		12	6	22.83	22.78	22.85	24.5
		12	13	22.89	22.81	22.64	24.5
		25	0	22.79	22.76	22.79	24.5
	16QAM	1	0	22.72	22.75	22.80	24.5
		1	12	23.01	23.26	23.00	24.5
		1	24	22.87	22.71	22.83	24.5
		12	0	21.78	21.79	21.81	23.5
		12	6	21.82	21.95	21.83	23.5
		12	13	21.89	21.82	21.53	23.5
		25	0	21.78	21.83	21.73	23.5
	64QAM	1	0	21.62	21.69	21.66	23.5
		1	12	22.01	21.97	22.04	23.5
		1	24	21.71	21.74	21.80	23.5
		12	0	20.96	20.85	20.80	22.5
		12	6	20.76	20.99	20.90	22.5
		12	13	20.82	20.86	20.71	22.5
		25	0	20.80	20.87	20.82	22.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.35	23.33	23.27	25
		1	7	23.37	23.38	23.42	25
		1	14	23.12	23.32	23.16	25
		8	0	22.74	22.74	22.82	24.5
		8	3	22.74	22.73	22.88	24.5
		8	7	22.95	22.79	22.65	24.5
		15	0	22.85	22.67	22.80	24.5
	16QAM	1	0	22.66	22.87	22.70	24.5
		1	7	23.05	23.25	23.11	24.5
		1	14	22.86	22.58	22.82	24.5
		8	0	21.84	21.80	21.73	23.5
		8	3	21.73	21.93	21.86	23.5
		8	7	21.81	21.78	21.57	23.5
		15	0	21.83	21.82	21.79	23.5
	64QAM	1	0	21.66	21.70	21.73	23.5
		1	7	21.85	21.98	21.97	23.5
		1	14	21.75	21.71	21.73	23.5
		8	0	20.96	20.80	20.74	22.5
		8	3	20.83	20.92	20.96	22.5
		8	7	20.81	20.85	20.82	22.5
		15	0	20.67	20.85	20.75	22.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.37	23.37	23.20	25
		1	2	23.40	23.43	23.42	25
		1	5	23.08	23.27	23.05	25
		3	0	23.13	23.11	23.23	25
		3	1	23.14	23.18	23.18	25
		3	3	23.34	23.24	23.05	25
		6	0	22.87	22.66	22.79	24.5
	16QAM	1	0	22.73	22.75	22.76	24.5
		1	2	23.13	23.32	22.98	24.5
		1	5	22.86	22.62	22.87	24.5
		3	0	22.65	22.70	22.63	24.5
		3	1	22.69	22.85	22.64	24.5
		3	3	22.72	22.67	22.53	24.5
		6	0	21.76	21.77	21.80	23.5
	64QAM	1	0	21.65	21.70	21.69	23.5
		1	2	21.79	21.92	22.00	23.5
		1	5	21.72	21.62	21.76	23.5
		3	0	21.79	21.67	21.68	23.5
		3	1	21.64	21.80	21.78	23.5
		3	3	21.66	21.65	21.63	23.5
		6	0	20.73	20.84	20.80	22.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	23.78	23.68	23.79	25.5
		1	50	24.11	24.15	24.20	25.5
		1	99	23.90	23.80	23.78	25.5
		50	0	23.23	23.18	23.21	24.5
		50	25	23.27	23.26	23.29	24.5
		50	50	23.26	23.23	23.20	24.5
		100	0	23.21	23.22	23.23	24.5
	16QAM	1	0	23.06	23.12	23.15	24.5
		1	50	23.44	23.47	23.48	24.5
		1	99	23.21	23.19	23.12	24.5
		50	0	22.22	22.18	22.22	23.5
		50	25	22.25	22.26	22.26	23.5
		50	50	22.24	22.24	22.21	23.5
		100	0	22.17	22.21	22.22	23.5
	64QAM	1	0	21.98	22.06	22.08	23.5
		1	50	22.36	22.44	22.43	23.5
		1	99	22.07	22.13	22.09	23.5
		50	0	21.13	21.17	21.18	22.5
		50	25	21.22	21.24	21.22	22.5
		50	50	21.18	21.23	21.19	22.5
		100	0	21.14	21.20	21.27	22.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.88	23.86	23.71	25.5
		1	37	24.20	24.12	23.93	25.5
		1	74	23.90	23.62	23.68	25.5
		36	0	22.98	22.90	22.89	24.5
		36	19	23.04	22.87	22.82	24.5
		36	39	23.18	23.03	22.91	24.5
		75	0	23.00	23.00	22.94	24.5
	16QAM	1	0	22.77	22.76	22.61	24.5
		1	37	22.91	22.91	22.74	24.5
		1	74	22.67	22.55	22.50	24.5
		36	0	21.99	21.88	21.81	23.5
		36	19	21.82	21.92	21.90	23.5
		36	39	21.99	22.03	21.78	23.5
		75	0	22.10	21.89	21.97	23.5
	64QAM	1	0	21.66	21.75	21.58	23.5
		1	37	22.01	21.97	22.13	23.5
		1	74	21.72	21.72	21.74	23.5
		36	0	20.90	20.76	20.83	22.5
		36	19	20.91	20.92	20.90	22.5
		36	39	20.99	20.84	20.90	22.5
		75	0	20.90	20.92	20.77	22.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	23.82	23.90	23.83	25.5
		1	24	24.20	24.04	23.82	25.5
		1	49	23.89	23.75	23.76	25.5
		25	0	23.06	22.88	22.90	24.5
		25	12	23.03	22.95	22.88	24.5
		25	25	23.16	23.02	22.93	24.5
		50	0	22.96	23.08	22.94	24.5
	16QAM	1	0	22.67	22.79	22.59	24.5
		1	24	22.91	22.90	22.82	24.5
		1	49	22.61	22.64	22.62	24.5
		25	0	21.98	21.90	21.85	23.5
		25	12	21.89	21.95	21.95	23.5
		25	25	21.97	21.98	21.88	23.5
		50	0	22.05	21.88	21.94	23.5
	64QAM	1	0	21.73	21.68	21.62	23.5
		1	24	22.08	21.99	22.09	23.5
		1	49	21.71	21.71	21.71	23.5
		25	0	20.80	20.88	20.75	22.5
		25	12	20.94	20.87	20.85	22.5
		25	25	20.97	20.88	20.83	22.5
		50	0	20.92	20.98	20.79	22.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.88	23.80	23.82	25.5
		1	12	24.21	24.06	23.92	25.5
		1	24	23.93	23.76	23.79	25.5
		12	0	23.03	22.85	22.99	24.5
		12	6	23.06	22.95	22.86	24.5
		12	13	23.09	23.09	22.84	24.5
		25	0	22.97	23.04	22.83	24.5
	16QAM	1	0	22.74	22.70	22.77	24.5
		1	12	22.94	22.84	22.72	24.5
		1	24	22.68	22.66	22.58	24.5
		12	0	22.03	21.91	21.84	23.5
		12	6	21.87	21.94	21.91	23.5
		12	13	21.90	21.98	21.82	23.5
		25	0	22.09	21.86	21.94	23.5
	64QAM	1	0	21.63	21.70	21.55	23.5
		1	12	21.99	21.95	22.15	23.5
		1	24	21.70	21.60	21.68	23.5
		12	0	20.83	20.82	20.73	22.5
		12	6	20.82	20.88	20.88	22.5
		12	13	21.02	20.86	20.92	22.5
		25	0	21.00	20.98	20.86	22.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	23.88	23.79	23.82	25.5
		1	7	24.25	24.13	23.86	25.5
		1	14	23.90	23.64	23.72	25.5
		8	0	23.10	22.95	23.01	24.5
		8	3	22.99	22.87	22.88	24.5
		8	7	23.09	23.03	22.94	24.5
		15	0	23.02	22.98	22.84	24.5
	16QAM	1	0	22.68	22.80	22.58	24.5
		1	7	22.94	22.82	22.71	24.5
		1	14	22.58	22.67	22.49	24.5
		8	0	22.00	21.87	21.94	23.5
		8	3	21.86	21.83	21.93	23.5
		8	7	22.00	22.10	21.85	23.5
		15	0	22.05	21.94	22.04	23.5
	64QAM	1	0	21.62	21.78	21.65	23.5
		1	7	21.99	21.98	22.09	23.5
		1	14	21.73	21.70	21.71	23.5
		8	0	20.80	20.84	20.76	22.5
		8	3	20.83	20.82	20.89	22.5
		8	7	20.98	20.84	20.89	22.5
		15	0	20.86	20.97	20.80	22.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.69	23.56	23.74	25.5
		1	2	24.01	24.05	24.15	25.5
		1	5	23.81	23.65	23.77	25.5
		3	0	23.96	23.95	23.89	25.5
		3	1	24.07	24.05	24.01	25.5
		3	3	24.06	24.04	23.91	25.5
		6	0	23.15	23.08	23.16	24.5
	16QAM	1	0	23.05	23.04	23.10	24.5
		1	2	23.33	23.45	23.43	24.5
		1	5	23.08	23.17	23.04	24.5
		3	0	22.91	22.89	22.91	24.5
		3	1	22.93	22.96	22.93	24.5
		3	3	23.03	23.04	22.89	24.5
		6	0	22.10	22.14	22.20	23.5
	64QAM	1	0	21.97	21.95	22.01	23.5
		1	2	22.29	22.39	22.29	23.5
		1	5	21.94	22.00	22.06	23.5
		3	0	21.87	21.92	21.94	23.5
		3	1	22.00	22.05	21.95	23.5
		3	3	21.86	22.03	21.95	23.5
		6	0	21.08	21.16	21.24	22.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.23	24.35	24.32	25.5
		1	24	24.39	24.43	24.44	25.5
		1	49	24.25	24.27	24.34	25.5
		25	0	23.30	23.40	23.28	24.5
		25	12	23.32	23.41	23.43	24.5
		25	25	23.27	23.39	23.40	24.5
		50	0	23.29	23.35	23.36	24.5
	16QAM	1	0	23.50	23.55	23.56	24.5
		1	24	23.73	23.61	23.65	24.5
		1	49	23.53	23.54	23.55	24.5
		25	0	22.41	22.50	22.37	23.5
		25	12	22.38	22.43	22.47	23.5
		25	25	22.33	22.50	22.45	23.5
		50	0	22.37	22.48	22.41	23.5
	64QAM	1	0	22.46	22.62	22.50	23.5
		1	24	22.61	22.61	22.68	23.5
		1	49	22.49	22.46	22.56	23.5
		25	0	21.35	21.48	21.32	22.5
		25	12	21.37	21.42	21.39	22.5
		25	25	21.31	21.44	21.38	22.5
		50	0	21.33	21.47	21.35	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.09	24.23	24.24	25.5
		1	12	24.38	24.40	24.33	25.5
		1	24	24.15	24.19	24.22	25.5
		12	0	23.15	23.36	23.21	24.5
		12	6	23.22	23.38	23.30	24.5
		12	13	23.25	23.36	23.29	24.5
		25	0	23.14	23.31	23.31	24.5
	16QAM	1	0	23.48	23.52	23.43	24.5
		1	12	23.72	23.60	23.50	24.5
		1	24	23.40	23.39	23.51	24.5
		12	0	22.40	22.45	22.24	23.5
		12	6	22.29	22.40	22.39	23.5
		12	13	22.32	22.36	22.30	23.5
		25	0	22.24	22.47	22.31	23.5
	64QAM	1	0	22.45	22.54	22.44	23.5
		1	12	22.47	22.49	22.53	23.5
		1	24	22.44	22.43	22.53	23.5
		12	0	21.28	21.47	21.31	22.5
		12	6	21.26	21.35	21.36	22.5
		12	13	21.29	21.38	21.34	22.5
		25	0	21.20	21.46	21.29	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.18	24.25	24.29	25.5
		1	7	24.38	24.41	24.30	25.5
		1	14	24.23	24.17	24.28	25.5
		8	0	23.25	23.29	23.23	24.5
		8	3	23.23	23.39	23.39	24.5
		8	7	23.19	23.36	23.37	24.5
		15	0	23.22	23.21	23.32	24.5
	16QAM	1	0	23.49	23.54	23.44	24.5
		1	7	23.65	23.57	23.50	24.5
		1	14	23.43	23.46	23.47	24.5
		8	0	22.27	22.45	22.30	23.5
		8	3	22.30	22.41	22.34	23.5
		8	7	22.18	22.46	22.30	23.5
		15	0	22.23	22.37	22.36	23.5
	64QAM	1	0	22.37	22.55	22.46	23.5
		1	7	22.52	22.46	22.65	23.5
		1	14	22.38	22.45	22.50	23.5
		8	0	21.22	21.40	21.30	22.5
		8	3	21.30	21.34	21.37	22.5
		8	7	21.29	21.39	21.24	22.5
		15	0	21.27	21.37	21.27	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.15	24.34	24.24	25.5
		1	2	24.38	24.30	24.41	25.5
		1	5	24.24	24.17	24.29	25.5
		3	0	24.21	24.38	24.18	25.5
		3	1	24.26	24.32	24.32	25.5
		3	3	24.23	24.27	24.25	25.5
		6	0	23.21	23.22	23.30	24.5
	16QAM	1	0	23.45	23.50	23.55	24.5
		1	2	23.68	23.46	23.55	24.5
		1	5	23.50	23.51	23.48	24.5
		3	0	23.31	23.48	23.26	24.5
		3	1	23.25	23.33	23.42	24.5
		3	3	23.24	23.46	23.43	24.5
		6	0	22.22	22.47	22.33	23.5
	64QAM	1	0	22.42	22.52	22.43	23.5
		1	2	22.58	22.57	22.58	23.5
		1	5	22.38	22.31	22.44	23.5
		3	0	22.23	22.39	22.20	23.5
		3	1	22.31	22.41	22.36	23.5
		3	3	22.18	22.39	22.37	23.5
		6	0	21.26	21.37	21.21	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	22.64	22.69	22.65	24
		1	50	**22.96**	22.88	22.94	24
		1	99	22.69	22.66	22.60	24
		50	0	22.85	22.70	22.80	24
		50	25	22.90	22.83	22.84	24
		50	50	22.82	22.71	22.79	24
		100	0	22.85	22.77	22.71	24
	16QAM	1	0	22.78	22.88	22.75	24
		1	50	22.67	22.64	22.72	24
		1	99	22.69	22.62	22.70	24
		50	0	22.15	21.87	21.95	23
		50	25	21.90	21.90	21.88	23
		50	50	22.02	21.78	21.84	23
		100	0	21.92	21.90	21.75	23
	64QAM	1	0	22.09	21.84	21.82	23
		1	50	22.16	22.10	22.28	23
		1	99	21.87	21.84	21.61	23
		50	0	21.00	20.88	20.78	22
		50	25	21.09	20.93	20.93	22
		50	50	20.94	20.77	20.77	22
		100	0	20.93	20.89	20.84	22
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	22.55	22.57	22.51	24
		1	37	22.82	22.85	22.84	24
		1	74	22.62	22.52	22.58	24
		36	0	22.74	22.59	22.72	24
		36	19	22.79	22.69	22.69	24
		36	39	22.79	22.67	22.65	24
		75	0	22.76	22.65	22.70	24
	16QAM	1	0	22.72	22.79	22.69	24
		1	37	22.64	22.55	22.70	24
		1	74	22.54	22.60	22.62	24
		36	0	22.11	21.83	21.94	23
		36	19	21.84	21.75	21.87	23
		36	39	21.95	21.70	21.77	23
		75	0	21.78	21.82	21.60	23
	64QAM	1	0	21.96	21.81	21.81	23
		1	37	22.09	22.03	22.14	23
		1	74	21.83	21.71	21.54	23
		36	0	20.96	20.77	20.65	22
		36	19	20.98	20.85	20.82	22
		36	39	20.91	20.62	20.68	22
		75	0	20.85	20.82	20.71	22
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	22.52	22.60	22.54	24
		1	24	22.90	22.81	22.91	24
		1	49	22.64	22.56	22.59	24
		25	0	22.78	22.63	22.73	24
		25	12	22.80	22.74	22.73	24
		25	25	22.73	22.66	22.74	24
		50	0	22.82	22.64	22.69	24
	16QAM	1	0	22.71	22.85	22.70	24
		1	24	22.59	22.52	22.63	24
		1	49	22.58	22.53	22.62	24
		25	0	22.12	21.78	21.82	23
		25	12	21.79	21.89	21.77	23
		25	25	21.99	21.70	21.70	23
		50	0	21.77	21.76	21.68	23
	64QAM	1	0	22.03	21.73	21.73	23
		1	24	22.12	22.06	22.23	23
		1	49	21.83	21.73	21.48	23
		25	0	20.97	20.83	20.75	22
		25	12	21.05	20.87	20.88	22
		25	25	20.81	20.62	20.70	22
		50	0	20.84	20.83	20.70	22
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	22.53	22.54	22.58	24
		1	12	22.81	22.83	22.92	24
		1	24	22.64	22.55	22.59	24
		12	0	22.78	22.56	22.68	24
		12	6	22.76	22.74	22.83	24
		12	13	22.70	22.58	22.78	24
		25	0	22.74	22.71	22.61	24
	16QAM	1	0	22.72	22.77	22.72	24
		1	12	22.55	22.53	22.58	24
		1	24	22.60	22.60	22.63	24
		12	0	22.08	21.76	21.93	23
		12	6	21.80	21.81	21.78	23
		12	13	21.87	21.65	21.70	23
		25	0	21.82	21.77	21.74	23
	64QAM	1	0	21.98	21.81	21.73	23
		1	12	22.07	22.07	22.25	23
		1	24	21.80	21.74	21.52	23
		12	0	20.98	20.80	20.74	22
		12	6	21.06	20.84	20.78	22
		12	13	20.91	20.64	20.64	22
		25	0	20.86	20.85	20.78	22

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.72	23.85	23.84	25
		1	50	23.97	**24.03**	24.01	25
		1	99	23.75	23.76	23.80	25
		50	0	22.82	22.94	22.93	24
		50	25	22.84	22.96	22.94	24
		50	50	22.81	22.82	22.81	24
		100	0	22.93	22.95	22.94	24
	16QAM	1	0	22.76	22.79	22.81	24
		1	50	23.07	23.09	23.11	24
		1	99	22.72	22.69	22.71	24
		50	0	21.90	21.96	22.03	23
		50	25	21.94	21.99	21.98	23
		50	50	21.91	21.88	21.85	23
		100	0	21.93	21.97	21.97	23
	64QAM	1	0	21.73	21.79	21.68	23
		1	50	21.79	21.80	21.83	23
		1	99	21.66	21.69	21.73	23
		50	0	20.82	20.95	20.97	22
		50	25	20.88	20.96	20.96	22
		50	50	20.84	20.82	20.78	22
		100	0	20.84	20.91	20.95	22
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.69	23.76	23.70	25
		1	37	23.99	23.99	23.91	25
		1	74	23.60	23.73	23.73	25
		36	0	22.75	22.81	22.85	24
		36	19	22.82	22.84	22.81	24
		36	39	22.74	22.73	22.75	24
		75	0	22.92	22.84	22.81	24
	16QAM	1	0	22.63	22.75	22.70	24
		1	37	22.98	22.95	23.08	24
		1	74	22.68	22.60	22.66	24
		36	0	21.75	21.89	21.99	23
		36	19	21.92	21.95	21.90	23
		36	39	21.84	21.82	21.82	23
		75	0	21.87	21.89	21.94	23
	64QAM	1	0	21.65	21.77	21.67	23
		1	37	21.64	21.66	21.76	23
		1	74	21.53	21.56	21.62	23
		36	0	20.79	20.94	20.96	22
		36	19	20.85	20.82	20.92	22
		36	39	20.75	20.78	20.73	22
		75	0	20.72	20.90	20.91	22
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.62	23.81	23.69	25
		1	24	23.93	23.92	23.96	25
		1	49	23.72	23.70	23.73	25
		25	0	22.79	22.93	22.89	24
		25	12	22.69	22.94	22.80	24
		25	25	22.73	22.75	22.75	24
		50	0	22.90	22.84	22.85	24
	16QAM	1	0	22.66	22.70	22.69	24
		1	24	22.94	23.06	23.03	24
		1	49	22.57	22.66	22.56	24
		25	0	21.75	21.87	21.90	23
		25	12	21.80	21.95	21.88	23
		25	25	21.81	21.73	21.72	23
		50	0	21.87	21.90	21.88	23
	64QAM	1	0	21.65	21.69	21.60	23
		1	24	21.67	21.77	21.75	23
		1	49	21.52	21.65	21.68	23
		25	0	20.68	20.82	20.94	22
		25	12	20.82	20.82	20.82	22
		25	25	20.83	20.71	20.76	22
		50	0	20.76	20.78	20.93	22
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.70	23.70	25
		1	12	24.00	23.90	23.86	25
		1	24	23.66	23.67	23.73	25
		12	0	22.74	22.88	22.91	24
		12	6	22.80	22.86	22.86	24
		12	13	22.68	22.74	22.72	24
		25	0	22.84	22.85	22.93	24
	16QAM	1	0	22.64	22.75	22.66	24
		1	12	23.04	22.99	22.97	24
		1	24	22.59	22.58	22.57	24
		12	0	21.89	21.87	21.99	23
		12	6	21.92	21.92	21.87	23
		12	13	21.77	21.81	21.70	23
		25	0	21.83	21.87	21.93	23
	64QAM	1	0	21.64	21.64	21.64	23
		1	12	21.75	21.70	21.74	23
		1	24	21.51	21.55	21.63	23
		12	0	20.81	20.90	20.94	22
		12	6	20.75	20.95	20.87	22
		12	13	20.70	20.76	20.66	22
		25	0	20.72	20.90	20.91	22

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	23.70	23.57	23.64	23.57	23.34	25
		1	50	**23.96**	23.80	23.94	23.91	23.49	25
		1	99	23.56	23.46	23.58	23.52	23.44	25
		50	0	22.79	22.68	22.79	22.69	22.65	24
		50	25	22.86	22.71	22.81	22.71	22.67	24
		50	50	22.82	22.67	22.76	22.67	22.66	24
		100	0	22.89	22.74	22.86	22.84	22.77	24
	16QAM	1	0	22.75	22.66	22.75	22.61	22.29	24
		1	50	22.99	22.87	23.02	22.99	22.54	24
		1	99	22.64	22.57	22.66	22.54	22.51	24
		50	0	21.84	21.78	21.90	21.76	21.70	23
		50	25	21.88	21.91	21.92	21.77	21.77	23
		50	50	21.88	21.82	21.85	21.83	21.76	23
		100	0	21.93	21.78	21.90	21.88	21.75	23
	64QAM	1	0	21.35	21.24	21.34	21.23	21.30	23
		1	50	21.62	21.47	21.57	21.45	21.50	23
		1	99	21.23	21.28	21.22	21.21	21.22	23
		50	0	20.77	20.75	20.85	20.77	20.67	22
		50	25	20.84	20.83	20.88	20.82	20.71	22
		50	50	20.79	20.68	20.81	20.72	20.67	22
		100	0	20.88	20.75	20.90	20.86	20.74	22
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.55	23.49	23.50	23.42	23.23	25
		1	37	23.84	23.75	23.83	23.87	23.38	25
		1	74	23.45	23.41	23.46	23.43	23.40	25
		36	0	22.64	22.54	22.67	22.57	22.51	24
		36	19	22.80	22.56	22.70	22.67	22.60	24
		36	39	22.68	22.61	22.73	22.66	22.57	24
		75	0	22.87	22.59	22.71	22.78	22.64	24
	16QAM	1	0	22.72	22.59	22.64	22.56	22.14	24
		1	37	22.93	22.81	23.01	22.92	22.44	24
		1	74	22.62	22.42	22.55	22.51	22.37	24
		36	0	21.81	21.71	21.83	21.62	21.65	23
		36	19	21.85	21.83	21.79	21.74	21.64	23
		36	39	21.73	21.70	21.79	21.72	21.70	23
		75	0	21.87	21.76	21.83	21.78	21.69	23
	64QAM	1	0	21.20	21.17	21.31	21.08	21.15	23
		1	37	21.57	21.32	21.56	21.44	21.49	23
		1	74	21.19	21.25	21.17	21.17	21.19	23
		36	0	20.73	20.60	20.73	20.70	20.60	22
		36	19	20.77	20.68	20.80	20.73	20.70	22
		36	39	20.69	20.61	20.69	20.60	20.56	22
		75	0	20.75	20.67	20.80	20.79	20.60	22
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.67	23.52	23.49	23.48	23.30	25
		1	24	23.93	23.69	23.85	23.85	23.40	25
		1	49	23.51	23.43	23.56	23.45	23.35	25
		25	0	22.69	22.56	22.74	22.54	22.55	24
		25	12	22.82	22.58	22.67	22.66	22.53	24
		25	25	22.70	22.62	22.71	22.65	22.61	24
		50	0	22.82	22.66	22.79	22.75	22.75	24
	16QAM	1	0	22.69	22.54	22.60	22.52	22.23	24
		1	24	22.89	22.84	22.97	22.85	22.48	24
		1	49	22.49	22.56	22.57	22.43	22.45	24
		25	0	21.71	21.76	21.82	21.69	21.58	23
		25	12	21.82	21.77	21.83	21.75	21.72	23
		25	25	21.83	21.70	21.74	21.79	21.69	23
		50	0	21.88	21.71	21.77	21.83	21.72	23
	64QAM	1	0	21.28	21.11	21.30	21.12	21.29	23
		1	24	21.54	21.40	21.48	21.38	21.49	23
		1	49	21.11	21.24	21.16	21.19	21.08	23
		25	0	20.73	20.71	20.81	20.69	20.64	22
		25	12	20.75	20.79	20.87	20.67	20.56	22
		25	25	20.67	20.53	20.74	20.64	20.62	22
		50	0	20.75	20.70	20.81	20.77	20.69	22
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.59	23.50	23.51	23.51	23.25	25
		1	12	23.94	23.72	23.91	23.86	23.38	25
		1	24	23.49	23.34	23.51	23.38	23.35	25
		12	0	22.64	22.62	22.67	22.65	22.53	24
		12	6	22.84	22.57	22.68	22.65	22.53	24
		12	13	22.70	22.66	22.61	22.66	22.51	24
		25	0	22.75	22.70	22.71	22.70	22.66	24
	16QAM	1	0	22.62	22.65	22.70	22.56	22.20	24
		1	12	22.90	22.86	22.93	22.93	22.44	24
		1	24	22.61	22.44	22.55	22.41	22.48	24
		12	0	21.79	21.67	21.83	21.65	21.62	23
		12	6	21.80	21.90	21.80	21.68	21.68	23
		12	13	21.80	21.76	21.71	21.81	21.63	23
		25	0	21.80	21.66	21.77	21.82	21.73	23
	64QAM	1	0	21.24	21.22	21.28	21.20	21.27	23
		1	12	21.56	21.40	21.48	21.44	21.49	23
		1	24	21.21	21.23	21.09	21.18	21.09	23
		12	0	20.71	20.63	20.73	20.72	20.62	22
		12	6	20.76	20.73	20.78	20.78	20.67	22
		12	13	20.65	20.59	20.80	20.60	20.55	22
		25	0	20.78	20.60	20.82	20.85	20.66	22

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	23.87	23.88	23.78	25.5
		1	50	24.24	**24.26**	24.22	25.5
		1	99	23.88	23.89	23.86	25.5
		50	0	23.25	23.24	23.25	24.5
		50	25	23.28	23.29	23.26	24.5
		50	50	23.27	23.19	23.13	24.5
		100	0	23.21	23.28	23.16	24.5
	16QAM	1	0	23.07	23.17	23.08	24.5
		1	50	23.34	23.35	23.32	24.5
		1	99	23.31	23.05	23.23	24.5
		50	0	22.22	22.24	22.24	23.5
		50	25	22.27	22.19	22.23	23.5
		50	50	22.26	22.20	22.12	23.5
		100	0	22.24	22.19	22.15	23.5
	64QAM	1	0	22.14	22.10	22.05	23.5
		1	50	22.44	22.45	22.41	23.5
		1	99	22.02	22.12	22.10	23.5
		50	0	21.16	21.19	21.13	22.5
		50	25	21.20	21.27	21.22	22.5
		50	50	21.26	21.22	21.09	22.5
		100	0	21.23	21.26	21.14	22.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.87	23.83	23.72	25.5
		1	37	24.12	24.10	23.84	25.5
		1	74	23.85	23.64	23.70	25.5
		36	0	23.06	22.87	22.94	24.5
		36	19	22.93	23.00	22.83	24.5
		36	39	23.14	23.04	22.95	24.5
		75	0	23.01	23.03	22.87	24.5
	16QAM	1	0	22.64	22.72	22.70	24.5
		1	37	22.92	22.85	22.75	24.5
		1	74	22.63	22.64	22.60	24.5
		36	0	22.03	21.80	21.92	23.5
		36	19	21.88	21.85	21.96	23.5
		36	39	21.92	22.06	21.83	23.5
		75	0	21.97	21.94	21.95	23.5
	64QAM	1	0	21.70	21.77	21.61	23.5
		1	37	22.00	21.98	22.06	23.5
		1	74	21.59	21.64	21.67	23.5
		36	0	20.89	20.86	20.78	22.5
		36	19	20.94	20.92	20.89	22.5
		36	39	21.07	20.83	20.91	22.5
		75	0	20.97	20.87	20.86	22.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	23.86	23.87	23.73	25.5
		1	24	24.18	24.14	23.90	25.5
		1	49	23.83	23.68	23.72	25.5
		25	0	23.05	22.85	23.00	24.5
		25	12	23.04	22.97	22.87	24.5
		25	25	23.18	23.02	22.84	24.5
		50	0	22.99	23.02	22.89	24.5
	16QAM	1	0	22.69	22.67	22.63	24.5
		1	24	22.92	22.93	22.83	24.5
		1	49	22.68	22.58	22.54	24.5
		25	0	21.95	21.80	21.93	23.5
		25	12	21.84	21.84	21.90	23.5
		25	25	21.98	22.03	21.91	23.5
		50	0	22.05	21.90	22.05	23.5
	64QAM	1	0	21.64	21.79	21.57	23.5
		1	24	21.96	21.87	22.12	23.5
		1	49	21.61	21.64	21.67	23.5
		25	0	20.84	20.89	20.75	22.5
		25	12	20.91	20.94	20.81	22.5
		25	25	21.01	20.85	20.82	22.5
		50	0	20.98	20.94	20.86	22.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	23.77	23.84	23.85	25.5
		1	12	24.21	24.05	23.90	25.5
		1	24	23.80	23.73	23.69	25.5
		12	0	23.00	22.97	22.91	24.5
		12	6	23.05	22.89	22.91	24.5
		12	13	23.10	22.97	22.85	24.5
		25	0	22.99	23.10	22.88	24.5
	16QAM	1	0	22.76	22.72	22.57	24.5
		1	12	22.98	22.92	22.78	24.5
		1	24	22.62	22.60	22.54	24.5
		12	0	21.92	21.88	21.81	23.5
		12	6	21.86	21.92	21.94	23.5
		12	13	21.91	22.01	21.91	23.5
		25	0	22.02	21.82	21.98	23.5
	64QAM	1	0	21.65	21.67	21.60	23.5
		1	12	21.95	21.96	22.11	23.5
		1	24	21.60	21.73	21.70	23.5
		12	0	20.83	20.83	20.72	22.5
		12	6	20.93	20.89	20.91	22.5
		12	13	20.96	20.79	20.83	22.5
		25	0	20.94	20.97	20.89	22.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	23.88	23.89	23.71	25.5
		1	7	24.15	24.08	23.90	25.5
		1	14	23.84	23.71	23.73	25.5
		8	0	22.98	22.86	22.92	24.5
		8	3	23.00	23.00	22.94	24.5
		8	7	23.15	23.06	22.84	24.5
		15	0	22.88	23.04	22.95	24.5
	16QAM	1	0	22.64	22.77	22.71	24.5
		1	7	23.00	22.89	22.81	24.5
		1	14	22.68	22.55	22.56	24.5
		8	0	22.03	21.84	21.93	23.5
		8	3	21.87	21.90	21.96	23.5
		8	7	21.95	22.06	21.79	23.5
		15	0	22.07	21.82	21.95	23.5
	64QAM	1	0	21.65	21.73	21.58	23.5
		1	7	22.09	21.99	22.13	23.5
		1	14	21.59	21.65	21.64	23.5
		8	0	20.83	20.90	20.85	22.5
		8	3	20.89	20.86	20.93	22.5
		8	7	21.05	20.77	20.80	22.5
		15	0	20.95	20.91	20.78	22.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	23.82	23.84	23.77	25.5
		1	2	24.17	24.25	24.12	25.5
		1	5	23.79	23.74	23.75	25.5
		3	0	23.93	23.91	23.91	25.5
		3	1	24.03	24.01	24.00	25.5
		3	3	24.05	23.93	23.78	25.5
		6	0	23.09	23.24	23.09	24.5
	16QAM	1	0	22.98	23.09	22.93	24.5
		1	2	23.30	23.22	23.26	24.5
		1	5	23.25	23.04	23.20	24.5
		3	0	23.01	22.89	22.90	24.5
		3	1	23.00	22.87	22.95	24.5
		3	3	22.91	22.93	22.77	24.5
		6	0	22.12	22.04	22.14	23.5
	64QAM	1	0	22.03	22.08	22.03	23.5
		1	2	22.35	22.30	22.32	23.5
		1	5	21.89	22.09	22.06	23.5
		3	0	21.89	21.92	21.82	23.5
		3	1	21.96	22.03	21.94	23.5
		3	3	22.03	21.94	21.74	23.5
		6	0	21.20	21.21	21.01	22.5

LTE DSI-3&4
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LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	20.28	20.42	20.27	22
		1	50	20.58	20.54	20.49	22
		1	99	20.29	20.42	20.33	22
		50	0	20.24	20.19	20.31	22
		50	25	20.38	20.30	20.35	22
		50	50	20.26	20.21	20.17	22
		100	0	20.43	20.28	20.22	22
	16QAM	1	0	20.24	20.28	20.29	22
		1	50	20.54	20.40	20.39	22
		1	99	20.31	20.20	20.22	22
		50	0	20.29	20.38	20.24	22
		50	25	20.31	20.43	20.35	22
		50	50	20.28	20.31	20.11	22
		100	0	20.22	20.25	20.24	22
	64QAM	1	0	20.21	20.21	20.17	22
		1	50	20.50	20.32	20.17	22
		1	99	20.20	20.19	20.16	22
		50	0	20.24	20.39	20.27	22
		50	25	20.31	20.41	20.40	22
		50	50	20.37	20.35	20.29	22
		100	0	20.24	20.29	20.33	22
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	20.25	20.27	20.13	22
		1	37	20.47	20.49	20.45	22
		1	74	20.15	20.35	20.23	22
		36	0	20.09	20.07	20.28	22
		36	19	20.32	20.23	20.28	22
		36	39	20.11	20.15	20.07	22
		75	0	20.29	20.23	20.17	22
	16QAM	1	0	20.12	20.16	20.15	22
		1	37	20.48	20.34	20.36	22
		1	74	20.21	20.07	20.09	22
		36	0	20.21	20.28	20.21	22
		36	19	20.17	20.35	20.31	22
		36	39	20.13	20.22	20.04	22
		75	0	20.11	20.19	20.16	22
	64QAM	1	0	20.12	20.07	20.13	22
		1	37	20.35	20.25	20.02	22
		1	74	20.08	20.08	20.05	22
		36	0	20.16	20.26	20.21	22
		36	19	20.19	20.29	20.31	22
		36	39	20.24	20.20	20.18	22
		75	0	20.15	20.15	20.29	22
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	20.15	20.33	20.12	22
		1	24	20.46	20.40	20.46	22
		1	49	20.23	20.39	20.27	22
		25	0	20.19	20.04	20.22	22
		25	12	20.23	20.16	20.20	22
		25	25	20.19	20.16	20.04	22
		50	0	20.37	20.13	20.15	22
	16QAM	1	0	20.15	20.19	20.22	22
		1	24	20.53	20.36	20.28	22
		1	49	20.28	20.15	20.21	22
		25	0	20.20	20.27	20.19	22
		25	12	20.21	20.33	20.32	22
		25	25	20.27	20.19	20.13	22
		50	0	20.12	20.13	20.15	22
	64QAM	1	0	20.17	20.12	20.08	22
		1	24	20.37	20.20	20.05	22
		1	49	20.15	20.10	20.13	22
		25	0	20.21	20.37	20.19	22
		25	12	20.21	20.29	20.29	22
		25	25	20.36	20.27	20.27	22
		50	0	20.19	20.16	20.25	22
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	20.25	20.27	20.15	22
		1	12	20.46	20.45	20.38	22
		1	24	20.26	20.38	20.27	22
		12	0	20.14	20.06	20.21	22
		12	6	20.26	20.26	20.33	22
		12	13	20.25	20.07	20.09	22
		25	0	20.35	20.23	20.19	22
	16QAM	1	0	20.12	20.16	20.25	22
		1	12	20.40	20.29	20.28	22
		1	24	20.18	20.12	20.13	22
		12	0	20.27	20.31	20.15	22
		12	6	20.21	20.39	20.31	22
		12	13	20.21	20.16	20.31	22
		25	0	20.13	20.17	20.10	22
	64QAM	1	0	20.07	20.06	20.03	22
		1	12	20.43	20.17	20.03	22
		1	24	20.12	20.14	20.15	22
		12	0	20.22	20.35	20.14	22
		12	6	20.16	20.40	20.25	22
		12	13	20.34	20.32	20.19	22
		25	0	20.15	20.22	20.28	22
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	20.19	20.30	20.17	22
		1	7	20.55	20.41	20.44	22
		1	14	20.16	20.38	20.21	22
		8	0	20.14	20.07	20.22	22
		8	3	20.36	20.17	20.22	22
		8	7	20.14	20.08	20.06	22
		15	0	20.34	20.14	20.08	22
	16QAM	1	0	20.14	20.16	20.17	22
		1	7	20.47	20.25	20.28	22
		1	14	20.16	20.07	20.12	22
		8	0	20.17	20.24	20.15	22
		8	3	20.20	20.36	20.23	22
		8	7	20.17	20.27	20.45	22
		15	0	20.21	20.16	20.21	22
	64QAM	1	0	20.09	20.20	20.09	22
		1	7	20.42	20.21	20.11	22
		1	14	20.07	20.11	20.14	22
		8	0	20.15	20.24	20.23	22
		8	3	20.23	20.28	20.28	22
		8	7	20.22	20.22	20.20	22
		15	0	20.22	20.15	20.21	22
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	20.19	20.32	20.21	22
		1	2	20.46	20.43	20.46	22
		1	5	20.22	20.40	20.32	22
		3	0	20.20	20.10	20.30	22
		3	1	20.34	20.17	20.30	22
		3	3	20.15	20.15	20.16	22
		6	0	20.42	20.27	20.14	22
	16QAM	1	0	20.11	20.19	20.14	22
		1	2	20.42	20.35	20.31	22
		1	5	20.24	20.10	20.20	22
		3	0	20.21	20.31	20.12	22
		3	1	20.17	20.33	20.29	22
		3	3	20.27	20.28	20.10	22
		6	0	20.17	20.14	20.16	22
	64QAM	1	0	20.13	20.13	20.12	22
		1	2	20.36	20.19	20.08	22
		1	5	20.16	20.18	20.06	22
		3	0	20.14	20.31	20.16	22
		3	1	20.19	20.32	20.35	22
		3	3	20.30	20.30	20.28	22
		6	0	20.23	20.16	20.32	22

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	19.81	19.69	19.87	21.5
		1	50	20.04	20.07	20.15	21.5
		1	99	19.87	19.86	19.83	21.5
		50	0	19.92	19.91	19.88	21.5
		50	25	19.91	19.95	20.07	21.5
		50	50	19.94	19.94	19.87	21.5
		100	0	19.99	19.97	20.01	21.5
	16QAM	1	0	19.77	19.84	19.84	21.5
		1	50	19.89	19.87	19.88	21.5
		1	99	19.91	19.90	19.89	21.5
		50	0	19.96	19.96	19.97	21.5
		50	25	19.94	19.99	19.96	21.5
		50	50	19.90	19.93	19.85	21.5
		100	0	19.81	19.88	19.97	21.5
	64QAM	1	0	19.76	19.75	19.75	21.5
		1	50	19.84	19.93	19.83	21.5
		1	99	19.76	19.90	19.82	21.5
		50	0	19.79	19.95	19.94	21.5
		50	25	19.93	20.01	19.87	21.5
		50	50	19.84	19.91	19.97	21.5
		100	0	19.83	19.93	19.91	21.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	19.68	19.68	19.79	21.5
		1	37	19.98	20.05	20.03	21.5
		1	74	19.81	19.78	19.68	21.5
		36	0	19.91	19.87	19.81	21.5
		36	19	19.86	19.83	19.93	21.5
		36	39	19.88	19.85	19.86	21.5
		75	0	19.96	19.93	19.86	21.5
	16QAM	1	0	19.70	19.71	19.83	21.5
		1	37	19.74	19.76	19.76	21.5
		1	74	19.85	19.82	19.85	21.5
		36	0	19.83	19.85	19.84	21.5
		36	19	19.84	19.98	19.82	21.5
		36	39	19.76	19.79	19.74	21.5
		75	0	19.68	19.73	19.91	21.5
	64QAM	1	0	19.66	19.68	19.62	21.5
		1	37	19.82	19.83	19.69	21.5
		1	74	19.73	19.77	19.70	21.5
		36	0	19.78	19.81	19.85	21.5
		36	19	19.85	19.94	19.84	21.5
		36	39	19.70	19.80	19.94	21.5
		75	0	19.82	19.88	19.76	21.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	19.76	19.56	19.80	21.5
		1	24	20.02	20.03	20.10	21.5
		1	49	19.74	19.82	19.77	21.5
		25	0	19.90	19.85	19.79	21.5
		25	12	19.80	19.91	20.03	21.5
		25	25	19.80	19.81	19.86	21.5
		50	0	19.95	19.87	19.88	21.5
	16QAM	1	0	19.73	19.77	19.74	21.5
		1	24	19.79	19.77	19.75	21.5
		1	49	19.79	19.86	19.76	21.5
		25	0	19.83	19.86	19.83	21.5
		25	12	19.85	19.96	19.91	21.5
		25	25	19.82	19.78	19.79	21.5
		50	0	19.74	19.81	19.93	21.5
	64QAM	1	0	19.75	19.62	19.73	21.5
		1	24	19.76	19.84	19.80	21.5
		1	49	19.75	19.88	19.73	21.5
		25	0	19.78	19.85	19.84	21.5
		25	12	19.90	19.95	19.86	21.5
		25	25	19.80	19.83	19.85	21.5
		50	0	19.77	19.87	19.85	21.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	19.66	19.56	19.77	21.5
		1	12	19.93	19.96	20.07	21.5
		1	24	19.75	19.78	19.80	21.5
		12	0	19.85	19.82	19.83	21.5
		12	6	19.80	19.92	19.94	21.5
		12	13	19.92	19.89	19.79	21.5
		25	0	19.94	19.85	19.88	21.5
	16QAM	1	0	19.73	19.76	19.71	21.5
		1	12	19.88	19.82	19.74	21.5
		1	24	19.83	19.87	19.85	21.5
		12	0	19.82	19.86	19.88	21.5
		12	6	19.91	19.92	19.95	21.5
		12	13	19.81	19.88	19.79	21.5
		25	0	19.71	19.85	19.88	21.5
	64QAM	1	0	19.68	19.62	19.74	21.5
		1	12	19.73	19.80	19.69	21.5
		1	24	19.67	19.79	19.73	21.5
		12	0	19.72	19.89	19.90	21.5
		12	6	19.81	19.91	19.77	21.5
		12	13	19.80	19.86	19.89	21.5
		25	0	19.80	19.87	19.82	21.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	19.77	19.59	19.85	21.5
		1	7	19.99	20.06	20.08	21.5
		1	14	19.79	19.74	19.75	21.5
		8	0	19.83	19.85	19.76	21.5
		8	3	19.84	19.85	20.06	21.5
		8	7	19.85	19.79	19.73	21.5
		15	0	19.90	19.95	19.91	21.5
	16QAM	1	0	19.67	19.78	19.75	21.5
		1	7	19.77	19.74	19.73	21.5
		1	14	19.86	19.77	19.76	21.5
		8	0	19.88	19.84	19.82	21.5
		8	3	19.82	19.85	19.88	21.5
		8	7	19.85	19.78	19.79	21.5
		15	0	19.79	19.84	19.87	21.5
	64QAM	1	0	19.68	19.72	19.60	21.5
		1	7	19.77	19.88	19.80	21.5
		1	14	19.70	19.78	19.79	21.5
		8	0	19.74	19.85	19.79	21.5
		8	3	19.84	20.00	19.74	21.5
		8	7	19.81	19.77	19.83	21.5
		15	0	19.79	19.79	19.90	21.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	19.77	19.67	19.79	21.5
		1	2	19.95	20.02	20.02	21.5
		1	5	19.83	19.80	19.73	21.5
		3	0	19.78	19.83	19.81	21.5
		3	1	19.77	19.87	20.05	21.5
		3	3	19.86	19.91	19.90	21.5
		6	0	19.91	19.83	19.92	21.5
	16QAM	1	0	19.64	19.69	19.70	21.5
		1	2	19.86	19.79	19.78	21.5
		1	5	19.80	19.88	19.77	21.5
		3	0	19.93	19.88	19.88	21.5
		3	1	19.85	19.98	19.93	21.5
		3	3	19.80	19.90	19.80	21.5
		6	0	19.69	19.73	19.89	21.5
	64QAM	1	0	19.75	19.65	19.63	21.5
		1	2	19.82	19.81	19.70	21.5
		1	5	19.69	19.77	19.77	21.5
		3	0	19.66	19.93	19.90	21.5
		3	1	19.92	19.93	19.81	21.5
		3	3	19.80	19.78	19.92	21.5
		6	0	19.74	19.80	19.86	21.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.23	24.35	24.32	25.5
		1	24	24.39	24.43	24.44	25.5
		1	49	24.25	24.27	24.34	25.5
		25	0	23.30	23.40	23.28	24.5
		25	12	23.32	23.41	23.43	24.5
		25	25	23.27	23.39	23.40	24.5
		50	0	23.29	23.35	23.36	24.5
	16QAM	1	0	23.50	23.55	23.56	24.5
		1	24	23.73	23.61	23.65	24.5
		1	49	23.53	23.54	23.55	24.5
		25	0	22.41	22.50	22.37	23.5
		25	12	22.38	22.43	22.47	23.5
		25	25	22.33	22.50	22.45	23.5
		50	0	22.37	22.48	22.41	23.5
	64QAM	1	0	22.46	22.62	22.50	23.5
		1	24	22.61	22.61	22.68	23.5
		1	49	22.49	22.46	22.56	23.5
		25	0	21.35	21.48	21.32	22.5
		25	12	21.37	21.42	21.39	22.5
		25	25	21.31	21.44	21.38	22.5
		50	0	21.33	21.47	21.35	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.09	24.23	24.24	25.5
		1	12	24.38	24.40	24.33	25.5
		1	24	24.15	24.19	24.22	25.5
		12	0	23.15	23.36	23.21	24.5
		12	6	23.22	23.38	23.30	24.5
		12	13	23.25	23.36	23.29	24.5
		25	0	23.14	23.31	23.31	24.5
	16QAM	1	0	23.48	23.52	23.43	24.5
		1	12	23.72	23.60	23.50	24.5
		1	24	23.40	23.39	23.51	24.5
		12	0	22.40	22.45	22.24	23.5
		12	6	22.29	22.40	22.39	23.5
		12	13	22.32	22.36	22.30	23.5
		25	0	22.24	22.47	22.31	23.5
	64QAM	1	0	22.45	22.54	22.44	23.5
		1	12	22.47	22.49	22.53	23.5
		1	24	22.44	22.43	22.53	23.5
		12	0	21.28	21.47	21.31	22.5
		12	6	21.26	21.35	21.36	22.5
		12	13	21.29	21.38	21.34	22.5
		25	0	21.20	21.46	21.29	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.18	24.25	24.29	25.5
		1	7	24.38	24.41	24.30	25.5
		1	14	24.23	24.17	24.28	25.5
		8	0	23.25	23.29	23.23	24.5
		8	3	23.23	23.39	23.39	24.5
		8	7	23.19	23.36	23.37	24.5
		15	0	23.22	23.21	23.32	24.5
	16QAM	1	0	23.49	23.54	23.44	24.5
		1	7	23.65	23.57	23.50	24.5
		1	14	23.43	23.46	23.47	24.5
		8	0	22.27	22.45	22.30	23.5
		8	3	22.30	22.41	22.34	23.5
		8	7	22.18	22.46	22.30	23.5
		15	0	22.23	22.37	22.36	23.5
	64QAM	1	0	22.37	22.55	22.46	23.5
		1	7	22.52	22.46	22.65	23.5
		1	14	22.38	22.45	22.50	23.5
		8	0	21.22	21.40	21.30	22.5
		8	3	21.30	21.34	21.37	22.5
		8	7	21.29	21.39	21.24	22.5
		15	0	21.27	21.37	21.27	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.15	24.34	24.24	25.5
		1	2	24.38	24.30	24.41	25.5
		1	5	24.24	24.17	24.29	25.5
		3	0	24.21	24.38	24.18	25.5
		3	1	24.26	24.32	24.32	25.5
		3	3	24.23	24.27	24.25	25.5
		6	0	23.21	23.22	23.30	24.5
	16QAM	1	0	23.45	23.50	23.55	24.5
		1	2	23.68	23.46	23.55	24.5
		1	5	23.50	23.51	23.48	24.5
		3	0	23.31	23.48	23.26	24.5
		3	1	23.25	23.33	23.42	24.5
		3	3	23.24	23.46	23.43	24.5
		6	0	22.22	22.47	22.33	23.5
	64QAM	1	0	22.42	22.52	22.43	23.5
		1	2	22.58	22.57	22.58	23.5
		1	5	22.38	22.31	22.44	23.5
		3	0	22.23	22.39	22.20	23.5
		3	1	22.31	22.41	22.36	23.5
		3	3	22.18	22.39	22.37	23.5
		6	0	21.26	21.37	21.21	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	17.39	17.37	17.38	18.5
		1	50	**17.62**	17.42	17.45	18.5
		1	99	17.53	17.38	17.32	18.5
		50	0	17.37	17.32	17.18	18.5
		50	25	17.46	17.31	17.31	18.5
		50	50	17.34	17.18	17.18	18.5
		100	0	17.35	17.11	17.13	18.5
	16QAM	1	0	17.32	17.37	17.15	18.5
		1	50	17.32	17.22	17.09	18.5
		1	99	17.19	17.11	17.19	18.5
		50	0	17.44	17.29	17.24	18.5
		50	25	17.41	17.23	17.26	18.5
		50	50	17.49	17.16	17.22	18.5
		100	0	17.38	17.17	17.18	18.5
	64QAM	1	0	17.32	17.29	17.25	18.5
		1	50	17.16	17.44	17.30	18.5
		1	99	17.11	17.04	16.90	18.5
		50	0	17.38	17.18	17.27	18.5
		50	25	17.35	17.29	17.16	18.5
		50	50	17.32	17.06	17.22	18.5
		100	0	17.18	17.11	17.16	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	17.27	17.23	17.32	18.5
		1	37	17.55	17.28	17.43	18.5
		1	74	17.43	17.33	17.28	18.5
		36	0	17.34	17.29	17.03	18.5
		36	19	17.37	17.30	17.27	18.5
		36	39	17.23	17.10	17.14	18.5
		75	0	17.22	17.02	17.01	18.5
	16QAM	1	0	17.17	17.27	17.04	18.5
		1	37	17.24	17.14	17.07	18.5
		1	74	17.14	17.09	17.07	18.5
		36	0	17.35	17.28	17.11	18.5
		36	19	17.36	17.18	17.25	18.5
		36	39	17.41	17.13	17.09	18.5
		75	0	17.33	17.05	17.05	18.5
	64QAM	1	0	17.26	17.21	17.16	18.5
		1	37	17.04	17.43	17.26	18.5
		1	74	16.96	16.92	16.89	18.5
		36	0	17.25	17.06	17.17	18.5
		36	19	17.20	17.21	17.11	18.5
		36	39	17.24	17.03	17.15	18.5
		75	0	17.13	17.05	17.04	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	17.27	17.28	17.35	18.5
		1	24	17.54	17.40	17.44	18.5
		1	49	17.39	17.27	17.30	18.5
		25	0	17.30	17.29	17.14	18.5
		25	12	17.41	17.27	17.16	18.5
		25	25	17.33	17.14	17.13	18.5
		50	0	17.21	16.99	17.10	18.5
	16QAM	1	0	17.17	17.27	17.01	18.5
		1	24	17.21	17.13	17.04	18.5
		1	49	17.05	16.96	17.15	18.5
		25	0	17.37	17.15	17.12	18.5
		25	12	17.27	17.11	17.11	18.5
		25	25	17.41	17.08	17.07	18.5
		50	0	17.35	17.08	17.08	18.5
	64QAM	1	0	17.33	17.33	17.25	18.5
		1	24	17.17	17.55	17.29	18.5
		1	49	17.19	17.04	16.87	18.5
		25	0	17.36	17.29	17.26	18.5
		25	12	17.44	17.39	17.19	18.5
		25	25	17.29	17.17	17.25	18.5
		50	0	17.29	17.21	17.18	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	17.25	17.27	17.28	18.5
		1	12	17.56	17.33	17.40	18.5
		1	24	17.46	17.32	17.27	18.5
		12	0	17.23	17.25	17.03	18.5
		12	6	17.38	17.26	17.28	18.5
		12	13	17.22	17.09	17.07	18.5
		25	0	17.34	17.06	17.00	18.5
	16QAM	1	0	17.28	17.31	17.05	18.5
		1	12	17.31	17.11	17.04	18.5
		1	24	17.11	17.07	17.04	18.5
		12	0	17.39	17.18	17.19	18.5
		12	6	17.30	17.21	17.19	18.5
		12	13	17.35	17.11	17.20	18.5
		25	0	17.34	17.14	17.12	18.5
	64QAM	1	0	17.42	17.32	17.25	18.5
		1	12	17.18	17.48	17.40	18.5
		1	24	17.17	17.10	17.00	18.5
		12	0	17.40	17.20	17.32	18.5
		12	6	17.45	17.31	17.13	18.5
		12	13	17.32	17.06	17.22	18.5
		25	0	17.17	17.17	17.26	18.5

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.48	18.63	18.66	20
		1	50	18.82	**18.87**	18.81	20
		1	99	18.52	18.53	18.54	20
		50	0	18.68	18.70	18.73	20
		50	25	18.75	18.79	18.77	20
		50	50	18.59	18.65	18.65	20
		100	0	18.78	18.81	18.79	20
	16QAM	1	0	18.64	18.64	18.61	20
		1	50	18.80	18.85	18.79	20
		1	99	18.58	18.49	18.54	20
		50	0	18.76	18.82	18.68	20
		50	25	18.80	18.79	18.83	20
		50	50	18.75	18.70	18.67	20
		100	0	18.71	18.81	18.77	20
	64QAM	1	0	18.57	18.59	18.51	20
		1	50	18.66	18.58	18.71	20
		1	99	18.51	18.52	18.53	20
		50	0	18.61	18.81	18.84	20
		50	25	18.67	18.84	18.71	20
		50	50	18.63	18.56	18.53	20
		100	0	18.68	18.70	18.79	20
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.35	18.58	18.52	20
		1	37	18.77	18.84	18.66	20
		1	74	18.39	18.41	18.51	20
		36	0	18.67	18.61	18.68	20
		36	19	18.73	18.73	18.71	20
		36	39	18.44	18.55	18.51	20
		75	0	18.71	18.75	18.66	20
	16QAM	1	0	18.59	18.56	18.53	20
		1	37	18.66	18.81	18.69	20
		1	74	18.47	18.34	18.39	20
		36	0	18.74	18.68	18.61	20
		36	19	18.78	18.75	18.70	20
		36	39	18.63	18.66	18.53	20
		75	0	18.70	18.75	18.71	20
	64QAM	1	0	18.56	18.45	18.43	20
		1	37	18.64	18.54	18.64	20
		1	74	18.40	18.51	18.45	20
		36	0	18.53	18.80	18.81	20
		36	19	18.63	18.77	18.70	20
		36	39	18.50	18.54	18.42	20
		75	0	18.54	18.60	18.71	20
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.37	18.60	18.61	20
		1	24	18.71	18.75	18.70	20
		1	49	18.40	18.42	18.41	20
		25	0	18.58	18.69	18.68	20
		25	12	18.69	18.65	18.73	20
		25	25	18.58	18.56	18.52	20
		50	0	18.70	18.75	18.70	20
	16QAM	1	0	18.51	18.53	18.60	20
		1	24	18.66	18.80	18.69	20
		1	49	18.55	18.46	18.43	20
		25	0	18.75	18.75	18.65	20
		25	12	18.69	18.78	18.75	20
		25	25	18.70	18.63	18.56	20
		50	0	18.56	18.77	18.67	20
	64QAM	1	0	18.44	18.56	18.44	20
		1	24	18.63	18.52	18.57	20
		1	49	18.41	18.39	18.45	20
		25	0	18.57	18.78	18.70	20
		25	12	18.59	18.70	18.62	20
		25	25	18.53	18.45	18.38	20
		50	0	18.57	18.55	18.72	20
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	18.44	18.57	18.62	20
		1	12	18.78	18.72	18.77	20
		1	24	18.39	18.39	18.40	20
		12	0	18.65	18.61	18.63	20
		12	6	18.67	18.77	18.69	20
		12	13	18.50	18.52	18.54	20
		25	0	18.75	18.76	18.77	20
	16QAM	1	0	18.61	18.51	18.60	20
		1	12	18.69	18.70	18.72	20
		1	24	18.46	18.41	18.41	20
		12	0	18.72	18.72	18.57	20
		12	6	18.78	18.65	18.72	20
		12	13	18.64	18.57	18.59	20
		25	0	18.62	18.72	18.64	20
	64QAM	1	0	18.46	18.52	18.36	20
		1	12	18.58	18.56	18.69	20
		1	24	18.37	18.40	18.48	20
		12	0	18.47	18.74	18.70	20
		12	6	18.56	18.69	18.58	20
		12	13	18.61	18.49	18.43	20
		25	0	18.57	18.59	18.65	20

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	18.24	18.12	18.20	18.12	17.85	19.5
		1	50	**18.41**	18.22	18.37	18.31	18.18	19.5
		1	99	18.08	18.06	18.08	18.00	18.04	19.5
		50	0	18.10	18.10	18.17	18.00	17.99	19.5
		50	25	18.35	18.14	18.22	18.06	18.07	19.5
		50	50	18.20	18.06	18.06	17.99	18.05	19.5
		100	0	18.25	18.13	18.16	18.19	18.17	19.5
	16QAM	1	0	18.13	18.09	18.17	17.95	17.67	19.5
		1	50	18.27	18.15	18.20	18.21	17.86	19.5
		1	99	18.02	17.91	18.02	17.95	17.82	19.5
		50	0	18.24	18.11	18.24	18.08	18.09	19.5
		50	25	18.22	18.30	18.24	18.12	18.11	19.5
		50	50	18.29	18.11	18.24	18.20	18.13	19.5
		100	0	18.25	18.08	18.30	18.30	18.08	19.5
	64QAM	1	0	17.83	17.70	17.90	17.71	17.79	19.5
		1	50	18.16	17.98	18.16	17.92	18.05	19.5
		1	99	17.75	17.87	17.76	17.81	17.72	19.5
		50	0	18.08	18.06	18.20	18.09	18.09	19.5
		50	25	18.26	18.21	18.23	18.12	18.09	19.5
		50	50	18.14	18.11	18.21	18.06	17.99	19.5
		100	0	18.30	18.17	18.27	18.15	18.13	19.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	18.23	18.03	18.08	18.05	17.77	19.5
		1	37	18.27	18.07	18.34	18.28	18.16	19.5
		1	74	18.01	18.00	18.05	17.98	18.03	19.5
		36	0	18.04	18.01	18.09	17.93	17.90	19.5
		36	19	18.20	18.01	18.10	17.92	17.96	19.5
		36	39	18.06	18.00	18.04	17.98	18.03	19.5
		75	0	18.22	18.09	18.09	18.11	18.14	19.5
	16QAM	1	0	18.07	18.04	18.03	17.90	17.55	19.5
		1	37	18.25	18.06	18.12	18.19	17.79	19.5
		1	74	17.98	17.85	17.88	17.82	17.77	19.5
		36	0	18.21	18.00	18.13	18.03	18.04	19.5
		36	19	18.16	18.22	18.17	18.04	18.01	19.5
		36	39	18.27	17.98	18.15	18.06	18.11	19.5
		75	0	18.21	17.93	18.15	18.28	17.95	19.5
	64QAM	1	0	17.68	17.59	17.87	17.62	17.64	19.5
		1	37	18.13	17.89	18.08	17.89	18.01	19.5
		1	74	17.67	17.81	17.63	17.76	17.64	19.5
		36	0	17.93	17.93	18.17	18.03	18.03	19.5
		36	19	18.25	18.14	18.22	17.99	18.01	19.5
		36	39	18.01	17.97	18.17	18.03	17.94	19.5
		75	0	18.29	18.16	18.23	18.03	18.11	19.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	18.12	18.02	18.12	18.11	17.72	19.5
		1	24	18.30	18.20	18.33	18.16	18.09	19.5
		1	49	18.02	18.00	18.03	17.90	17.99	19.5
		25	0	18.05	18.01	18.16	17.97	17.97	19.5
		25	12	18.26	17.99	18.17	17.95	18.05	19.5
		25	25	18.18	18.03	18.04	17.97	17.97	19.5
		50	0	18.24	18.04	18.04	18.10	18.04	19.5
	16QAM	1	0	18.03	17.99	18.16	17.91	17.53	19.5
		1	24	18.13	18.11	18.09	18.13	17.72	19.5
		1	49	17.98	17.90	18.00	17.94	17.73	19.5
		25	0	18.11	17.96	18.10	18.01	18.06	19.5
		25	12	18.12	18.26	18.15	18.08	17.98	19.5
		25	25	18.28	17.98	18.19	18.15	18.11	19.5
		50	0	18.14	18.01	18.19	18.17	18.04	19.5
	64QAM	1	0	17.68	17.57	17.86	17.65	17.65	19.5
		1	24	18.01	17.94	18.08	17.82	17.91	19.5
		1	49	17.62	17.86	17.70	17.74	17.68	19.5
		25	0	17.97	18.02	18.12	18.00	17.99	19.5
		25	12	18.13	18.09	18.15	18.04	18.05	19.5
		25	25	18.03	18.03	18.18	18.04	17.98	19.5
		50	0	18.25	18.16	18.18	18.00	17.99	19.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	18.16	18.05	18.11	17.98	17.83	19.5
		1	12	18.39	18.08	18.29	18.16	18.11	19.5
		1	24	17.96	18.02	17.99	17.85	17.92	19.5
		12	0	17.96	18.09	18.07	17.94	17.92	19.5
		12	6	18.20	18.01	18.09	17.95	17.94	19.5
		12	13	18.06	17.92	17.92	17.85	17.99	19.5
		25	0	18.14	18.11	18.13	18.13	18.06	19.5
	16QAM	1	0	18.09	18.01	18.09	17.88	17.60	19.5
		1	12	18.19	18.13	18.06	18.06	17.73	19.5
		1	24	17.89	17.90	17.97	17.81	17.76	19.5
		12	0	18.11	17.99	18.11	18.00	18.05	19.5
		12	6	18.14	18.23	18.17	18.03	18.06	19.5
		12	13	18.20	18.05	18.21	18.14	18.03	19.5
		25	0	18.18	18.02	18.25	18.26	17.94	19.5
	64QAM	1	0	17.72	17.69	17.89	17.61	17.74	19.5
		1	12	18.05	17.97	18.09	17.77	18.02	19.5
		1	24	17.74	17.83	17.65	17.72	17.59	19.5
		12	0	17.93	18.00	18.13	18.07	17.96	19.5
		12	6	18.19	18.17	18.16	18.07	18.07	19.5
		12	13	18.12	18.06	18.13	17.99	17.87	19.5
		25	0	18.29	18.03	18.12	18.13	18.00	19.5

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	20.71	20.66	20.94	22.5
		1	50	21.03	**21.18**	21.15	22.5
		1	99	20.88	20.93	20.92	22.5
		50	0	20.91	20.96	20.98	22.5
		50	25	21.09	21.11	21.06	22.5
		50	50	21.04	20.98	20.96	22.5
		100	0	20.97	20.98	20.91	22.5
	16QAM	1	0	20.87	20.83	20.79	22.5
		1	50	20.95	20.94	20.81	22.5
		1	99	20.88	20.93	20.91	22.5
		50	0	20.86	21.03	21.04	22.5
		50	25	20.97	21.01	21.04	22.5
		50	50	20.86	20.98	20.91	22.5
		100	0	20.86	20.94	21.04	22.5
	64QAM	1	0	20.75	20.73	20.84	22.5
		1	50	20.90	20.85	20.72	22.5
		1	99	20.73	20.89	20.79	22.5
		50	0	20.76	21.05	21.05	22.5
		50	25	20.97	21.01	20.80	22.5
		50	50	20.88	20.92	20.99	22.5
		100	0	20.95	20.99	20.86	22.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	20.57	20.51	20.87	22.5
		1	37	20.94	21.03	21.05	22.5
		1	74	20.85	20.78	20.83	22.5
		36	0	20.82	20.88	20.89	22.5
		36	19	20.97	21.10	20.91	22.5
		36	39	20.94	20.97	20.88	22.5
		75	0	20.86	20.88	20.90	22.5
	16QAM	1	0	20.74	20.68	20.77	22.5
		1	37	20.86	20.90	20.77	22.5
		1	74	20.74	20.87	20.90	22.5
		36	0	20.81	20.96	20.89	22.5
		36	19	20.94	20.99	21.01	22.5
		36	39	20.73	20.95	20.80	22.5
		75	0	20.79	20.93	20.90	22.5
	64QAM	1	0	20.71	20.59	20.81	22.5
		1	37	20.77	20.73	20.60	22.5
		1	74	20.63	20.81	20.76	22.5
		36	0	20.74	20.93	20.94	22.5
		36	19	20.83	20.88	20.77	22.5
		36	39	20.75	20.81	20.84	22.5
		75	0	20.85	20.93	20.84	22.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	20.60	20.59	20.89	22.5
		1	24	20.88	21.16	21.09	22.5
		1	49	20.86	20.92	20.91	22.5
		25	0	20.90	20.92	20.86	22.5
		25	12	21.06	21.04	20.97	22.5
		25	25	20.97	20.84	20.84	22.5
		50	0	20.84	20.85	20.77	22.5
	16QAM	1	0	20.77	20.82	20.68	22.5
		1	24	20.90	20.79	20.66	22.5
		1	49	20.86	20.86	20.81	22.5
		25	0	20.75	21.00	20.92	22.5
		25	12	20.94	20.94	20.99	22.5
		25	25	20.72	20.93	20.84	22.5
		50	0	20.82	20.85	21.03	22.5
	64QAM	1	0	20.70	20.59	20.72	22.5
		1	24	20.83	20.71	20.67	22.5
		1	49	20.60	20.83	20.68	22.5
		25	0	20.71	20.95	20.91	22.5
		25	12	20.86	20.97	20.75	22.5
		25	25	20.73	20.83	20.97	22.5
		50	0	20.85	20.93	20.79	22.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	20.70	20.61	20.93	22.5
		1	12	20.89	21.05	21.14	22.5
		1	24	20.77	20.91	20.89	22.5
		12	0	20.83	20.87	20.97	22.5
		12	6	21.04	21.09	20.99	22.5
		12	13	20.93	20.90	20.92	22.5
		25	0	20.84	20.94	20.82	22.5
	16QAM	1	0	20.80	20.80	20.78	22.5
		1	12	20.89	20.92	20.75	22.5
		1	24	20.79	20.78	20.81	22.5
		12	0	20.75	20.89	20.93	22.5
		12	6	20.86	20.87	20.94	22.5
		12	13	20.80	20.85	20.81	22.5
		25	0	20.85	20.91	21.01	22.5
	64QAM	1	0	20.69	20.71	20.80	22.5
		1	12	20.76	20.80	20.58	22.5
		1	24	20.69	20.81	20.71	22.5
		12	0	20.65	20.94	20.98	22.5
		12	6	20.91	20.93	20.66	22.5
		12	13	20.76	20.82	20.98	22.5
		25	0	20.94	20.86	20.73	22.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	20.66	20.52	20.79	22.5
		1	7	20.97	21.14	21.04	22.5
		1	14	20.83	20.85	20.89	22.5
		8	0	20.78	20.90	20.90	22.5
		8	3	20.96	21.06	20.95	22.5
		8	7	20.97	20.95	20.93	22.5
		15	0	20.88	20.89	20.87	22.5
	16QAM	1	0	20.86	20.68	20.72	22.5
		1	7	20.86	20.83	20.76	22.5
		1	14	20.76	20.87	20.88	22.5
		8	0	20.85	20.93	20.96	22.5
		8	3	20.96	21.00	21.03	22.5
		8	7	20.80	20.87	20.86	22.5
		15	0	20.81	20.80	20.89	22.5
	64QAM	1	0	20.73	20.60	20.71	22.5
		1	7	20.79	20.74	20.65	22.5
		1	14	20.59	20.85	20.70	22.5
		8	0	20.64	20.98	20.97	22.5
		8	3	20.83	20.99	20.76	22.5
		8	7	20.83	20.84	20.88	22.5
		15	0	20.92	20.85	20.83	22.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	20.62	20.54	20.82	22.5
		1	2	20.88	21.09	21.01	22.5
		1	5	20.78	20.88	20.80	22.5
		3	0	20.90	20.83	20.92	22.5
		3	1	20.97	20.97	21.02	22.5
		3	3	20.99	20.93	20.85	22.5
		6	0	20.84	20.86	20.82	22.5
	16QAM	1	0	20.77	20.74	20.77	22.5
		1	2	20.80	20.91	20.79	22.5
		1	5	20.84	20.81	20.89	22.5
		3	0	20.84	20.94	21.01	22.5
		3	1	20.95	20.86	20.99	22.5
		3	3	20.71	20.83	20.81	22.5
		6	0	20.72	20.79	20.93	22.5
	64QAM	1	0	20.71	20.67	20.70	22.5
		1	2	20.87	20.79	20.57	22.5
		1	5	20.69	20.81	20.78	22.5
		3	0	20.73	20.94	20.93	22.5
		3	1	20.92	20.99	20.67	22.5
		3	3	20.76	20.87	20.98	22.5
		6	0	20.87	20.89	20.80	22.5

GSM&WCDMA Default

Ant4

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.20	32.37	**32.43**	33.50	29.30	29.41	**29.44**	30.50
GPRS 1Tx Slot	32.19	32.31	32.36	33.50	29.23	29.40	29.41	30.50
GPRS 2Tx Slot	28.81	28.92	29.05	30.00	25.57	25.77	25.99	26.50
GPRS 3Tx Slot	27.32	27.45	27.62	28.50	23.73	23.96	24.26	25.00
GPRS 4Tx Slot	26.27	26.40	26.54	27.50	22.77	23.00	23.33	24.00
EDGE 1Tx Slot	26.88	26.94	26.77	28.00	25.94	26.10	26.05	27.00
EDGE 2Tx Slot	23.63	23.66	23.42	25.00	22.89	23.12	23.04	24.00
EDGE 3Tx Slot	21.86	21.88	21.68	23.00	21.10	21.46	21.32	22.00
EDGE 4Tx Slot	21.03	20.98	21.04	22.00	20.16	20.35	20.28	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.20	23.37	23.43	24.50	20.30	20.41	20.44	21.50
GPRS 1Tx Slot	23.19	23.31	23.36	24.50	20.23	20.40	20.41	21.50
GPRS 2Tx Slot	22.81	22.92	23.05	24.00	19.57	19.77	19.99	20.50
GPRS 3Tx Slot	23.06	23.19	23.36	24.24	19.47	19.70	20.00	20.74
GPRS 4Tx Slot	23.27	23.40	23.54	24.50	19.77	20.00	20.33	21.00
EDGE 1Tx Slot	17.88	17.94	17.77	19.00	16.94	17.10	17.05	18.00
EDGE 2Tx Slot	17.63	17.66	17.42	19.00	16.89	17.12	17.04	18.00
EDGE 3Tx Slot	17.60	17.62	17.42	18.74	16.84	17.20	17.06	17.74
EDGE 4Tx Slot	18.03	17.98	18.04	19.00	17.16	17.35	17.28	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	24.28	24.36	**24.45**	**25.50**	**24.46**	24.44	24.41	**25.50**	24.17	24.19	**24.25**	**25.50**
HSDPA Subtest-1	23.41	23.45	23.61	24.00	23.64	23.61	23.54	24.00	23.26	23.35	23.43	24.00
HSDPA Subtest-2	23.39	23.50	23.59	24.00	23.56	23.58	23.56	24.00	23.37	23.36	23.42	24.00
HSDPA Subtest-3	22.91	22.97	23.14	24.00	23.16	23.12	23.03	24.00	22.77	22.80	22.88	24.00
HSDPA Subtest-4	22.98	23.06	23.07	24.00	23.15	23.11	23.06	24.00	22.84	22.78	22.87	24.00
DC-HSDPA Subtest-1	23.48	23.47	23.59	24.00	23.59	23.56	23.58	24.00	23.33	23.35	23.35	24.00
DC-HSDPA Subtest-2	23.45	23.53	23.61	24.00	23.65	23.57	23.54	24.00	23.34	23.32	23.39	24.00
DC-HSDPA Subtest-3	22.88	23.02	23.12	24.00	23.13	23.12	23.08	24.00	22.87	22.89	22.93	24.00
DC-HSDPA Subtest-4	22.95	22.96	23.07	24.00	23.12	23.09	23.04	24.00	22.79	22.81	22.90	24.00
HSUPA Subtest-1	21.59	21.68	21.84	23.00	21.78	21.76	21.71	23.00	21.51	21.55	21.58	23.00
HSUPA Subtest-2	21.32	21.45	21.49	23.00	21.52	21.44	21.41	23.00	21.16	21.29	21.27	23.00
HSUPA Subtest-3	22.21	22.35	22.43	23.00	22.43	22.35	22.40	23.00	22.13	22.10	22.24	23.00
HSUPA Subtest-4	21.17	21.08	21.18	23.00	21.23	21.14	21.11	23.00	21.10	21.16	21.20	23.00
HSUPA Subtest-5	22.22	22.34	22.40	23.00	22.36	22.33	22.33	23.00	22.13	22.08	22.15	23.00
HSPA+ Subtest-1	21.54	21.62	21.74	23.00	21.65	21.67	21.71	23.00	21.38	21.41	21.55	23.00

LTE Default
Ant4

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	23.70	23.75	23.77	0	25.5
		1	50	24.15	24.14	24.13	0	25.5
		1	99	23.72	23.73	23.81	0	25.5
		50	0	22.94	23.06	23.02	1	24.5
		50	25	23.10	23.09	23.05	1	24.5
		50	50	23.07	23.08	23.04	1	24.5
		100	0	23.08	23.06	22.97	1	24.5
	16QAM	1	0	22.90	22.96	23.10	1	24.5
		1	50	23.36	23.48	23.40	1	24.5
		1	99	23.04	22.99	23.05	1	24.5
		50	0	22.01	22.21	22.04	2	23.5
		50	25	22.12	22.23	22.16	2	23.5
		50	50	22.13	22.14	21.92	2	23.5
		100	0	22.07	22.16	21.99	2	23.5
	64QAM	1	0	21.87	22.00	21.98	2	23.5
		1	50	22.30	22.39	22.38	2	23.5
		1	99	22.05	21.95	22.03	2	23.5
		50	0	20.98	21.16	21.04	3	22.5
		50	25	21.08	21.20	21.13	3	22.5
		50	50	21.15	21.14	20.91	3	22.5
		100	0	21.05	21.17	20.97	3	22.5
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	23.61	23.61	23.71	0	25.5
		1	37	24.01	24.05	24.01	0	25.5
		1	74	23.60	23.60	23.69	0	25.5
		36	0	22.90	23.05	23.00	1	24.5
		36	19	23.05	23.01	22.95	1	24.5
		36	39	23.01	23.00	22.97	1	24.5
		75	0	23.04	23.04	22.94	1	24.5
	16QAM	1	0	22.75	22.85	22.97	1	24.5
		1	37	23.26	23.42	23.37	1	24.5
		1	74	22.89	22.88	22.97	1	24.5
		36	0	21.88	22.15	21.95	2	23.5
		36	19	22.00	22.20	22.14	2	23.5
		36	39	22.02	22.00	21.80	2	23.5
		75	0	21.97	22.08	21.95	2	23.5
	64QAM	1	0	21.82	21.99	21.90	2	23.5
		1	37	22.29	22.28	22.24	2	23.5
		1	74	22.01	21.92	21.96	2	23.5
		36	0	20.84	21.09	20.89	3	22.5
		36	19	20.94	21.10	21.01	3	22.5
		36	39	21.05	20.99	20.83	3	22.5
		75	0	20.90	21.06	20.93	3	22.5
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	23.57	23.66	23.71	0	25.5
		1	24	24.11	23.99	23.99	0	25.5
		1	49	23.71	23.72	23.76	0	25.5
		25	0	22.79	23.01	22.88	1	24.5
		25	12	23.08	23.06	22.92	1	24.5
		25	25	22.95	23.07	22.94	1	24.5
		50	0	23.00	22.91	22.87	1	24.5
	16QAM	1	0	22.86	22.89	22.97	1	24.5
		1	24	23.27	23.40	23.37	1	24.5
		1	49	22.95	22.90	23.02	1	24.5
		25	0	21.96	22.13	21.90	2	23.5
		25	12	22.08	22.11	22.06	2	23.5
		25	25	22.00	22.05	21.79	2	23.5
		50	0	21.97	22.14	21.98	2	23.5
	64QAM	1	0	21.81	21.89	21.97	2	23.5
		1	24	22.15	22.25	22.24	2	23.5
		1	49	21.96	21.85	21.92	2	23.5
		25	0	20.86	21.12	20.94	3	22.5
		25	12	20.95	21.11	21.02	3	22.5
		25	25	21.07	21.06	20.88	3	22.5
		50	0	21.04	21.13	20.89	3	22.5
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	23.62	23.64	23.70	0	25.5
		1	12	24.09	24.01	23.98	0	25.5
		1	24	23.68	23.71	23.69	0	25.5
		12	0	22.89	23.00	22.88	1	24.5
		12	6	22.97	23.02	23.02	1	24.5
		12	13	23.03	22.95	22.95	1	24.5
		25	0	23.02	22.98	22.94	1	24.5
	16QAM	1	0	22.87	22.90	23.04	1	24.5
		1	12	23.29	23.46	23.25	1	24.5
		1	24	23.03	22.87	22.98	1	24.5
		12	0	21.98	22.19	21.91	2	23.5
		12	6	22.00	22.17	22.10	2	23.5
		12	13	22.00	22.12	21.83	2	23.5
		25	0	21.98	22.03	21.91	2	23.5
	64QAM	1	0	21.77	21.96	21.85	2	23.5
		1	12	22.24	22.34	22.35	2	23.5
		1	24	21.95	21.81	21.88	2	23.5
		12	0	20.97	21.13	20.93	3	22.5
		12	6	20.96	21.08	21.08	3	22.5
		12	13	21.01	21.04	20.82	3	22.5
		25	0	20.92	21.02	20.92	3	22.5
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	23.57	23.70	23.70	0	25.5
		1	7	24.02	24.11	24.04	0	25.5
		1	14	23.60	23.66	23.67	0	25.5
		8	0	22.87	23.02	22.90	1	24.5
		8	3	23.04	22.95	22.99	1	24.5
		8	7	23.03	23.02	23.00	1	24.5
		15	0	23.05	23.02	22.91	1	24.5
	16QAM	1	0	22.86	22.81	23.07	1	24.5
		1	7	23.31	23.44	23.28	1	24.5
		1	14	22.99	22.98	22.92	1	24.5
		8	0	21.90	22.10	22.01	2	23.5
		8	3	22.11	22.09	22.04	2	23.5
		8	7	22.12	22.06	21.77	2	23.5
		15	0	22.04	22.13	21.92	2	23.5
	64QAM	1	0	21.84	21.89	21.84	2	23.5
		1	7	22.25	22.28	22.36	2	23.5
		1	14	21.95	21.80	21.88	2	23.5
		8	0	20.92	21.08	21.00	3	22.5
		8	3	20.99	21.17	21.08	3	22.5
		8	7	21.13	21.10	20.85	3	22.5
		15	0	21.02	21.05	20.88	3	22.5
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	23.68	23.70	23.66	0	25.5
		1	2	24.03	24.11	24.05	0	25.5
		1	5	23.71	23.72	23.69	0	25.5
		3	0	23.63	23.80	23.80	0	25.5
		3	1	23.86	23.80	23.76	0	25.5
		3	3	23.74	23.79	23.72	0	25.5
		6	0	23.05	23.04	22.92	1	24.5
	16QAM	1	0	22.79	22.92	23.02	1	24.5
		1	2	23.35	23.35	23.26	1	24.5
		1	5	23.03	22.91	22.94	1	24.5
		3	0	22.71	22.89	22.74	1	24.5
		3	1	22.79	22.72	22.85	1	24.5
		3	3	22.84	22.86	22.62	1	24.5
		6	0	22.03	22.14	21.96	2	23.5
	64QAM	1	0	21.77	21.94	21.88	2	23.5
		1	2	22.26	22.27	22.31	2	23.5
		1	5	21.96	21.86	21.93	2	23.5
		3	0	21.71	21.89	21.81	2	23.5
		3	1	21.86	21.97	21.82	2	23.5
		3	3	21.90	21.88	21.62	2	23.5
		6	0	20.93	21.13	20.85	3	22.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20M	QPSK	1	0	23.75	23.80	23.84	0	25.5
		1	50	23.94	24.02	24.05	0	25.5
		1	99	23.71	23.70	23.78	0	25.5
		50	0	22.98	23.00	23.01	1	24.5
		50	25	23.05	23.06	23.07	1	24.5
		50	50	23.01	23.03	23.04	1	24.5
		100	0	22.99	23.02	23.03	1	24.5
	16QAM	1	0	22.88	22.86	22.83	1	24.5
		1	50	23.23	23.30	23.34	1	24.5
		1	99	22.93	22.97	22.94	1	24.5
		50	0	21.95	21.99	21.99	2	23.5
		50	25	22.04	22.06	22.06	2	23.5
		50	50	22.01	22.05	22.02	2	23.5
		100	0	21.94	22.03	22.00	2	23.5
	64QAM	1	0	21.73	21.81	21.85	2	23.5
		1	50	22.25	22.25	22.27	2	23.5
		1	99	21.90	21.96	21.91	2	23.5
		50	0	20.92	20.96	20.94	3	22.5
		50	25	20.99	21.05	21.02	3	22.5
		50	50	20.97	21.03	20.97	3	22.5
		100	0	20.93	21.02	20.98	3	22.5
BW	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15M	QPSK	1	0	23.72	23.74	23.83	0	25.5
		1	37	23.81	23.92	23.92	0	25.5
		1	74	23.70	23.66	23.63	0	25.5
		36	0	22.96	22.99	22.86	1	24.5
		36	19	22.94	23.01	22.98	1	24.5
		36	39	22.87	22.95	22.96	1	24.5
		75	0	22.85	23.01	22.99	1	24.5
	16QAM	1	0	22.74	22.77	22.76	1	24.5
		1	37	23.11	23.20	23.24	1	24.5
		1	74	22.88	22.91	22.88	1	24.5
		36	0	21.94	21.89	21.95	2	23.5
		36	19	21.89	21.97	21.95	2	23.5
		36	39	21.87	21.99	21.99	2	23.5
		75	0	21.82	22.01	21.97	2	23.5
	64QAM	1	0	21.65	21.70	21.76	2	23.5
		1	37	22.21	22.18	22.26	2	23.5
		1	74	21.81	21.85	21.80	2	23.5
		36	0	20.86	20.89	20.88	3	22.5
		36	19	20.93	20.96	20.91	3	22.5
		36	39	20.95	21.02	20.96	3	22.5
		75	0	20.85	20.90	20.93	3	22.5
BW	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10M	QPSK	1	0	23.62	23.76	23.71	0	25.5
		1	24	23.79	24.00	24.01	0	25.5
		1	49	23.59	23.68	23.69	0	25.5
		25	0	22.84	22.87	22.98	1	24.5
		25	12	22.92	22.93	22.99	1	24.5
		25	25	22.96	22.91	22.94	1	24.5
		50	0	22.89	22.95	22.98	1	24.5
	16QAM	1	0	22.85	22.78	22.81	1	24.5
		1	24	23.11	23.19	23.23	1	24.5
		1	49	22.90	22.87	22.90	1	24.5
		25	0	21.85	21.88	21.90	2	23.5
		25	12	21.99	22.05	22.01	2	23.5
		25	25	21.87	21.93	21.88	2	23.5
		50	0	21.83	22.01	21.91	2	23.5
	64QAM	1	0	21.68	21.79	21.74	2	23.5
		1	24	22.11	22.13	22.20	2	23.5
		1	49	21.76	21.88	21.79	2	23.5
		25	0	20.86	20.86	20.86	3	22.5
		25	12	20.98	21.00	20.95	3	22.5
		25	25	20.85	20.96	20.92	3	22.5
		50	0	20.85	20.94	20.97	3	22.5
BW	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5M	QPSK	1	0	23.71	23.77	23.72	0	25.5
		1	12	23.79	23.97	23.98	0	25.5
		1	24	23.69	23.66	23.64	0	25.5
		12	0	22.87	22.86	22.98	1	24.5
		12	6	22.96	23.01	23.05	1	24.5
		12	13	22.98	22.97	22.97	1	24.5
		25	0	22.92	22.89	22.89	1	24.5
	16QAM	1	0	22.83	22.84	22.80	1	24.5
		1	12	23.21	23.21	23.23	1	24.5
		1	24	22.84	22.92	22.92	1	24.5
		12	0	21.93	21.84	21.94	2	23.5
		12	6	21.95	21.95	21.96	2	23.5
		12	13	21.91	22.03	21.88	2	23.5
		25	0	21.88	21.90	21.91	2	23.5
	64QAM	1	0	21.68	21.77	21.73	2	23.5
		1	12	22.18	22.11	22.15	2	23.5
		1	24	21.79	21.94	21.79	2	23.5
		12	0	20.88	20.90	20.84	3	22.5
		12	6	20.87	20.91	20.91	3	22.5
		12	13	20.87	20.90	20.92	3	22.5
		25	0	20.80	20.92	20.95	3	22.5
BW	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3M	QPSK	1	0	23.67	23.78	23.78	0	25.5
		1	7	23.80	23.90	23.97	0	25.5
		1	14	23.64	23.59	23.76	0	25.5
		8	0	22.89	22.96	22.92	1	24.5
		8	3	22.95	23.00	23.05	1	24.5
		8	7	22.92	23.02	22.96	1	24.5
		15	0	22.89	22.99	22.91	1	24.5
	16QAM	1	0	22.77	22.71	22.73	1	24.5
		1	7	23.13	23.17	23.19	1	24.5
		1	14	22.78	22.82	22.90	1	24.5
		8	0	21.81	21.90	21.95	2	23.5
		8	3	21.93	21.96	21.91	2	23.5
		8	7	21.89	21.95	21.97	2	23.5
		15	0	21.80	21.89	21.91	2	23.5
	64QAM	1	0	21.64	21.71	21.83	2	23.5
		1	7	22.15	22.10	22.19	2	23.5
		1	14	21.86	21.82	21.89	2	23.5
		8	0	20.81	20.90	20.89	3	22.5
		8	3	20.95	20.90	20.96	3	22.5
		8	7	20.96	20.92	20.88	3	22.5
		15	0	20.82	20.91	20.87	3	22.5
BW	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4M	QPSK	1	0	23.70	23.70	23.69	0	25.5
		1	2	23.88	23.91	23.91	0	25.5
		1	5	23.62	23.56	23.69	0	25.5
		3	0	23.78	23.73	23.75	0	25.5
		3	1	23.81	23.73	23.81	0	25.5
		3	3	23.74	23.83	23.80	0	25.5
		6	0	22.96	22.88	22.93	1	24.5
	16QAM	1	0	22.78	22.83	22.75	1	24.5
		1	2	23.20	23.29	23.19	1	24.5
		1	5	22.84	22.86	22.82	1	24.5
		3	0	22.75	22.67	22.78	1	24.5
		3	1	22.72	22.78	22.83	1	24.5
		3	3	22.75	22.80	22.80	1	24.5
		6	0	21.79	21.94	21.86	2	23.5
	64QAM	1	0	21.59	21.73	21.79	2	23.5
		1	2	22.14	22.14	22.20	2	23.5
		1	5	21.83	21.95	21.77	2	23.5
		3	0	21.59	21.67	21.74	2	23.5
		3	1	21.71	21.85	21.76	2	23.5
		3	3	21.68	21.75	21.69	2	23.5
		6	0	20.84	20.97	20.84	3	22.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.05	24.04	24.11	0	25.5
		1	24	24.20	24.13	24.21	0	25.5
		1	49	24.12	23.96	24.14	0	25.5
		25	0	23.14	23.12	23.07	1	24.5
		25	12	23.15	23.14	23.22	1	24.5
		25	25	23.09	23.07	23.18	1	24.5
		50	0	23.12	23.10	23.14	1	24.5
	16QAM	1	0	23.33	23.31	23.30	1	24.5
		1	24	23.50	23.33	23.47	1	24.5
		1	49	23.26	23.30	23.38	1	24.5
		25	0	22.19	22.19	22.14	2	23.5
		25	12	22.20	22.15	22.28	2	23.5
		25	25	22.17	22.16	22.22	2	23.5
		50	0	22.16	22.18	22.18	2	23.5
	64QAM	1	0	22.27	22.28	22.28	2	23.5
		1	24	22.36	22.34	22.56	2	23.5
		1	49	22.32	22.24	22.37	2	23.5
		25	0	21.15	21.12	21.13	3	22.5
		25	12	21.18	21.17	21.21	3	22.5
		25	25	21.14	21.20	21.20	3	22.5
		50	0	21.17	21.22	21.17	3	22.5
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	23.95	23.97	24.01	0	25.5
		1	12	24.15	24.03	24.07	0	25.5
		1	24	24.02	23.84	24.10	0	25.5
		12	0	23.05	23.06	23.04	1	24.5
		12	6	23.05	23.00	23.09	1	24.5
		12	13	23.08	23.06	23.17	1	24.5
		25	0	23.10	23.00	23.13	1	24.5
	16QAM	1	0	23.31	23.30	23.18	1	24.5
		1	12	23.38	23.24	23.44	1	24.5
		1	24	23.21	23.19	23.37	1	24.5
		12	0	22.10	22.05	22.10	2	23.5
		12	6	22.18	22.09	22.27	2	23.5
		12	13	22.07	22.13	22.12	2	23.5
		25	0	22.04	22.05	22.14	2	23.5
	64QAM	1	0	22.23	22.25	22.25	2	23.5
		1	12	22.22	22.30	22.46	2	23.5
		1	24	22.23	22.16	22.29	2	23.5
		12	0	21.07	21.08	21.03	3	22.5
		12	6	21.17	21.08	21.19	3	22.5
		12	13	21.03	21.05	21.06	3	22.5
		25	0	21.11	21.15	21.05	3	22.5
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	24.00	23.98	23.98	0	25.5
		1	7	24.09	23.98	24.07	0	25.5
		1	14	24.10	23.87	24.08	0	25.5
		8	0	23.12	23.09	22.99	1	24.5
		8	3	23.06	22.99	23.18	1	24.5
		8	7	23.03	23.03	23.16	1	24.5
		15	0	23.06	22.98	23.06	1	24.5
	16QAM	1	0	23.26	23.19	23.20	1	24.5
		1	7	23.42	23.24	23.42	1	24.5
		1	14	23.13	23.27	23.34	1	24.5
		8	0	22.11	22.11	22.07	2	23.5
		8	3	22.13	22.04	22.24	2	23.5
		8	7	22.14	22.05	22.08	2	23.5
		15	0	22.14	22.15	22.03	2	23.5
	64QAM	1	0	22.22	22.22	22.24	2	23.5
		1	7	22.25	22.23	22.55	2	23.5
		1	14	22.29	22.23	22.29	2	23.5
		8	0	21.06	21.02	21.05	3	22.5
		8	3	21.17	21.09	21.12	3	22.5
		8	7	21.08	21.16	21.18	3	22.5
		15	0	21.14	21.07	21.14	3	22.5
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	24.04	23.99	24.06	0	25.5
		1	2	24.15	23.98	24.20	0	25.5
		1	5	23.97	23.84	24.06	0	25.5
		3	0	24.11	24.10	23.98	0	25.5
		3	1	24.07	24.08	24.11	0	25.5
		3	3	24.08	24.00	24.16	0	25.5
		6	0	23.08	23.03	23.08	1	24.5
	16QAM	1	0	23.25	23.28	23.27	1	24.5
		1	2	23.40	23.31	23.46	1	24.5
		1	5	23.24	23.19	23.26	1	24.5
		3	0	23.08	23.04	23.00	1	24.5
		3	1	23.10	23.06	23.26	1	24.5
		3	3	23.06	23.09	23.16	1	24.5
		6	0	22.10	22.15	22.06	2	23.5
	64QAM	1	0	22.23	22.24	22.23	2	23.5
		1	2	22.21	22.28	22.42	2	23.5
		1	5	22.23	22.23	22.22	2	23.5
		3	0	22.07	22.10	22.03	2	23.5
		3	1	22.16	22.04	22.12	2	23.5
		3	3	22.13	22.11	22.16	2	23.5
		6	0	21.05	21.20	21.14	3	22.5

LTE Band 7								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	23.16	23.19	23.21	0	25
		1	50	23.33	23.27	23.24	0	25
		1	99	23.18	23.21	23.15	0	25
		50	0	22.32	22.17	22.24	1	24
		50	25	22.37	22.13	22.15	1	24
		50	50	22.42	22.24	22.39	1	24
		100	0	22.36	22.21	22.25	1	24
	16QAM	1	0	22.40	22.16	22.22	1	24
		1	50	22.56	22.33	22.29	1	24
		1	99	22.14	22.19	22.21	1	24
		50	0	21.29	21.22	21.23	2	23
		50	25	21.32	21.27	21.19	2	23
		50	50	21.38	21.19	21.28	2	23
		100	0	21.34	21.28	21.31	2	23
	64QAM	1	0	21.38	21.17	21.19	2	23
		1	50	21.44	21.24	21.25	2	23
		1	99	21.23	21.19	21.30	2	23
		50	0	20.28	20.17	20.25	3	22
		50	25	20.30	20.28	20.27	3	22
		50	50	20.37	20.19	20.32	3	22
		100	0	20.30	20.22	20.18	3	22
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	23.04	23.15	23.07	0	25
		1	37	23.29	23.17	23.19	0	25
		1	74	23.11	23.09	23.02	0	25
		36	0	22.18	22.05	22.14	1	24
		36	19	22.31	22.12	22.10	1	24
		36	39	22.35	22.21	22.38	1	24
		75	0	22.35	22.06	22.15	1	24
	16QAM	1	0	22.25	22.05	22.11	1	24
		1	37	22.47	22.21	22.17	1	24
		1	74	22.05	22.10	22.19	1	24
		36	0	21.24	21.21	21.11	2	23
		36	19	21.23	21.13	21.06	2	23
		36	39	21.35	21.08	21.13	2	23
		75	0	21.22	21.19	21.30	2	23
	64QAM	1	0	21.27	21.04	21.04	2	23
		1	37	21.34	21.21	21.17	2	23
		1	74	21.10	21.14	21.27	2	23
		36	0	20.22	20.13	20.10	3	22
		36	19	20.16	20.22	20.21	3	22
		36	39	20.34	20.09	20.27	3	22
		75	0	20.27	20.12	20.10	3	22
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	23.10	23.14	23.08	0	25
		1	24	23.27	23.14	23.13	0	25
		1	49	23.12	23.08	23.08	0	25
		25	0	22.21	22.15	22.17	1	24
		25	12	22.33	22.09	22.10	1	24
		25	25	22.28	22.19	22.34	1	24
		50	0	22.30	22.06	22.16	1	24
	16QAM	1	0	22.26	22.11	22.11	1	24
		1	24	22.42	22.29	22.24	1	24
		1	49	22.11	22.09	22.12	1	24
		25	0	21.15	21.09	21.12	2	23
		25	12	21.22	21.26	21.08	2	23
		25	25	21.23	21.17	21.21	2	23
		50	0	21.21	21.14	21.19	2	23
	64QAM	1	0	21.30	21.14	21.04	2	23
		1	24	21.32	21.12	21.16	2	23
		1	49	21.19	21.14	21.19	2	23
		25	0	20.27	20.03	20.20	3	22
		25	12	20.26	20.24	20.13	3	22
		25	25	20.36	20.13	20.17	3	22
		50	0	20.21	20.15	20.05	3	22
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	23.10	23.09	23.17	0	25
		1	12	23.20	23.22	23.20	0	25
		1	24	23.17	23.14	23.09	0	25
		12	0	22.22	22.03	22.16	1	24
		12	6	22.34	22.08	22.06	1	24
		12	13	22.33	22.21	22.24	1	24
		25	0	22.23	22.14	22.24	1	24
	16QAM	1	0	22.34	22.04	22.18	1	24
		1	12	22.45	22.19	22.28	1	24
		1	24	22.04	22.16	22.08	1	24
		12	0	21.28	21.16	21.09	2	23
		12	6	21.20	21.25	21.13	2	23
		12	13	21.35	21.09	21.15	2	23
		25	0	21.23	21.22	21.21	2	23
	64QAM	1	0	21.26	21.05	21.16	2	23
		1	12	21.37	21.16	21.24	2	23
		1	24	21.10	21.13	21.17	2	23
		12	0	20.13	20.06	20.23	3	22
		12	6	20.26	20.22	20.16	3	22
		12	13	20.28	20.14	20.24	3	22
		25	0	20.19	20.12	20.16	3	22

LTE Band 38								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20M	QPSK	1	0	23.21	23.17	23.18	0	25
		1	50	23.41	23.48	23.37	0	25
		1	99	23.25	23.16	23.14	0	25
		50	0	22.17	22.35	22.25	1	24
		50	25	22.34	22.37	22.27	1	24
		50	50	22.33	22.27	22.16	1	24
		100	0	22.33	22.36	22.26	1	24
	16QAM	1	0	22.18	22.30	22.29	1	24
		1	50	22.56	22.60	22.44	1	24
		1	99	22.21	22.35	22.16	1	24
		50	0	21.33	21.42	21.39	2	23
		50	25	21.41	21.44	21.36	2	23
		50	50	21.40	21.36	21.22	2	23
		100	0	21.36	21.37	21.32	2	23
	64QAM	1	0	21.18	21.15	21.23	2	23
		1	50	21.21	21.33	21.29	2	23
		1	99	21.17	21.16	21.15	2	23
		50	0	20.26	20.36	20.30	3	22
		50	25	20.37	20.38	20.31	3	22
		50	50	20.31	20.28	20.16	3	22
		100	0	20.33	20.35	20.25	3	22
BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	23.17	23.05	23.12	0	25
		1	37	23.30	23.46	23.33	0	25
		1	74	23.15	23.11	23.05	0	25
		36	0	22.10	22.25	22.20	1	24
		36	19	22.25	22.33	22.23	1	24
		36	39	22.26	22.15	22.14	1	24
		75	0	22.31	22.23	22.11	1	24
	16QAM	1	0	22.14	22.17	22.23	1	24
		1	37	22.41	22.49	22.41	1	24
		1	74	22.13	22.25	22.06	1	24
		36	0	21.23	21.40	21.30	2	23
		36	19	21.38	21.36	21.29	2	23
		36	39	21.34	21.28	21.21	2	23
		75	0	21.27	21.24	21.31	2	23
	64QAM	1	0	21.07	21.13	21.21	2	23
		1	37	21.18	21.31	21.14	2	23
		1	74	21.02	21.13	21.02	2	23
		36	0	20.25	20.21	20.16	3	22
		36	19	20.24	20.30	20.21	3	22
		36	39	20.19	20.24	20.04	3	22
		75	0	20.24	20.26	20.11	3	22
BW	Modulation	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615		
10M	QPSK	1	0	23.13	23.10	23.14	0	25
		1	24	23.40	23.38	23.23	0	25
		1	49	23.20	23.12	23.01	0	25
		25	0	22.02	22.29	22.14	1	24
		25	12	22.20	22.22	22.25	1	24
		25	25	22.21	22.25	22.14	1	24
		50	0	22.24	22.24	22.12	1	24
	16QAM	1	0	22.07	22.25	22.14	1	24
		1	24	22.43	22.50	22.38	1	24
		1	49	22.06	22.34	22.10	1	24
		25	0	21.21	21.28	21.24	2	23
		25	12	21.40	21.43	21.21	2	23
		25	25	21.31	21.33	21.07	2	23
		50	0	21.23	21.30	21.24	2	23
	64QAM	1	0	21.17	21.01	21.19	2	23
		1	24	21.10	21.26	21.22	2	23
		1	49	21.10	21.09	21.01	2	23
		25	0	20.12	20.29	20.28	3	22
		25	12	20.24	20.35	20.22	3	22
		25	25	20.30	20.24	20.14	3	22
		50	0	20.25	20.22	20.11	3	22
BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	23.19	23.13	23.13	0	25
		1	12	23.40	23.33	23.30	0	25
		1	24	23.18	23.13	23.08	0	25
		12	0	22.15	22.32	22.17	1	24
		12	6	22.28	22.23	22.12	1	24
		12	13	22.32	22.14	22.03	1	24
		25	0	22.31	22.33	22.18	1	24
	16QAM	1	0	22.10	22.23	22.21	1	24
		1	12	22.41	22.58	22.43	1	24
		1	24	22.19	22.24	22.08	1	24
		12	0	21.20	21.27	21.27	2	23
		12	6	21.38	21.37	21.26	2	23
		12	13	21.34	21.27	21.18	2	23
		25	0	21.22	21.31	21.24	2	23
	64QAM	1	0	21.07	21.09	21.09	2	23
		1	12	21.13	21.19	21.24	2	23
		1	24	21.07	21.10	21.05	2	23
		12	0	20.22	20.29	20.20	3	22
		12	6	20.24	20.24	20.19	3	22
		12	13	20.16	20.20	20.14	3	22
		25	0	20.31	20.22	20.10	3	22

LTE Band 41 (2496 ~ 2690MHz)										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	23.52	23.36	23.43	23.28	23.20	0	25
		1	50	23.73	23.58	23.70	23.60	23.62	0	25
		1	99	23.26	23.23	23.32	23.31	23.19	0	25
		50	0	22.56	22.52	22.59	22.53	22.39	1	24
		50	25	22.62	22.54	22.61	22.49	22.52	1	24
		50	50	22.61	22.51	22.60	22.47	22.46	1	24
		100	0	22.66	22.56	22.64	22.63	22.57	1	24
	16QAM	1	0	22.60	22.53	22.55	22.48	22.53	1	24
		1	50	22.80	22.68	22.79	22.69	22.89	1	24
		1	99	22.37	22.22	22.35	22.22	22.52	1	24
		50	0	21.59	21.56	21.65	21.61	21.56	2	23
		50	25	21.65	21.62	21.67	21.58	21.49	2	23
		50	50	21.69	21.56	21.62	21.48	21.48	2	23
		100	0	21.70	21.58	21.66	21.58	21.51	2	23
	64QAM	1	0	21.31	21.21	21.21	21.17	21.22	2	23
		1	50	21.44	21.26	21.34	21.22	21.27	2	23
		1	99	21.22	21.20	21.24	21.19	21.19	2	23
		50	0	20.56	20.52	20.61	20.60	20.37	3	22
		50	25	20.64	20.55	20.59	20.45	20.42	3	22
		50	50	20.63	20.45	20.58	20.53	20.43	3	22
		100	0	20.65	20.48	20.63	20.51	20.50	3	22
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	23.46	23.22	23.39	23.22	23.11	0	25
		1	37	23.59	23.57	23.68	23.57	23.51	0	25
		1	74	23.14	23.18	23.27	23.27	23.17	0	25
		36	0	22.44	22.39	22.45	22.44	22.31	1	24
		36	19	22.57	22.43	22.57	22.36	22.40	1	24
		36	39	22.51	22.40	22.55	22.41	22.45	1	24
		75	0	22.52	22.52	22.63	22.55	22.53	1	24
	16QAM	1	0	22.52	22.44	22.54	22.34	22.39	1	24
		1	37	22.70	22.63	22.65	22.66	22.84	1	24
		1	74	22.32	22.14	22.34	22.11	22.38	1	24
		36	0	21.53	21.53	21.51	21.60	21.43	2	23
		36	19	21.64	21.55	21.56	21.52	21.36	2	23
		36	39	21.65	21.44	21.54	21.43	21.35	2	23
		75	0	21.57	21.48	21.54	21.47	21.38	2	23
	64QAM	1	0	21.16	21.13	21.07	21.05	21.08	2	23
		1	37	21.29	21.23	21.27	21.19	21.18	2	23
		1	74	21.07	21.14	21.21	21.13	21.10	2	23
		36	0	20.44	20.45	20.55	20.54	20.34	3	22
		36	19	20.61	20.41	20.48	20.44	20.31	3	22
		36	39	20.50	20.43	20.56	20.43	20.40	3	22
		75	0	20.63	20.40	20.61	20.39	20.35	3	22
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	23.50	23.32	23.33	23.14	23.06	0	25
		1	24	23.64	23.54	23.64	23.50	23.57	0	25
		1	49	23.23	23.15	23.19	23.17	23.05	0	25
		25	0	22.45	22.38	22.49	22.43	22.25	1	24
		25	12	22.51	22.46	22.49	22.35	22.49	1	24
		25	25	22.57	22.38	22.45	22.38	22.44	1	24
		50	0	22.64	22.47	22.61	22.49	22.46	1	24
	16QAM	1	0	22.52	22.48	22.44	22.46	22.38	1	24
		1	24	22.78	22.65	22.64	22.55	22.78	1	24
		1	49	22.35	22.15	22.31	22.11	22.39	1	24
		25	0	21.47	21.53	21.64	21.54	21.44	2	23
		25	12	21.64	21.47	21.59	21.56	21.37	2	23
		25	25	21.61	21.44	21.49	21.41	21.38	2	23
		50	0	21.56	21.56	21.65	21.53	21.44	2	23
	64QAM	1	0	21.27	21.16	21.16	21.06	21.12	2	23
		1	24	21.30	21.12	21.24	21.08	21.21	2	23
		1	49	21.09	21.05	21.12	21.14	21.07	2	23
		25	0	20.48	20.39	20.51	20.57	20.29	3	22
		25	12	20.61	20.51	20.47	20.39	20.39	3	22
		25	25	20.49	20.40	20.56	20.47	20.32	3	22
		50	0	20.58	20.43	20.55	20.42	20.43	3	22
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	23.40	23.23	23.35	23.22	23.14	0	25
		1	12	23.69	23.54	23.69	23.49	23.57	0	25
		1	24	23.18	23.20	23.18	23.28	23.04	0	25
		12	0	22.54	22.51	22.50	22.42	22.35	1	24
		12	6	22.61	22.44	22.49	22.46	22.44	1	24
		12	13	22.47	22.38	22.49	22.45	22.41	1	24
		25	0	22.60	22.51	22.56	22.57	22.45	1	24
	16QAM	1	0	22.56	22.42	22.52	22.42	22.44	1	24
		1	12	22.65	22.53	22.75	22.66	22.77	1	24
		1	24	22.24	22.14	22.31	22.09	22.46	1	24
		12	0	21.55	21.47	21.54	21.60	21.51	2	23
		12	6	21.52	21.51	21.56	21.57	21.34	2	23
		12	13	21.62	21.55	21.60	21.44	21.44	2	23
		25	0	21.56	21.57	21.56	21.43	21.43	2	23
	64QAM	1	0	21.20	21.15	21.12	21.11	21.11	2	23
		1	12	21.34	21.21	21.26	21.08	21.17	2	23
		1	24	21.07	21.09	21.22	21.14	21.16	2	23
		12	0	20.53	20.45	20.51	20.46	20.35	3	22
		12	6	20.52	20.43	20.52	20.30	20.36	3	22
		12	13	20.56	20.35	20.56	20.51	20.34	3	22
		25	0	20.62	20.42	20.62	20.45	20.48	3	22

LTE Band 66								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20M	QPSK	1	0	23.83	23.82	23.77	0	25.5
		1	50	24.04	24.08	24.01	0	25.5
		1	99	23.78	23.75	23.70	0	25.5
		50	0	23.06	23.09	23.11	1	24.5
		50	25	23.15	23.16	23.12	1	24.5
		50	50	23.14	23.12	22.95	1	24.5
		100	0	23.09	23.10	23.04	1	24.5
	16QAM	1	0	23.04	22.95	22.99	1	24.5
		1	50	23.35	23.36	23.39	1	24.5
		1	99	23.08	23.06	22.97	1	24.5
		50	0	22.02	22.08	22.11	2	23.5
		50	25	22.15	22.14	22.12	2	23.5
		50	50	22.08	22.10	21.97	2	23.5
		100	0	22.07	22.07	21.99	2	23.5
	64QAM	1	0	21.92	21.86	21.86	2	23.5
		1	50	22.22	22.32	22.28	2	23.5
		1	99	22.04	21.98	22.00	2	23.5
		50	0	20.97	21.04	21.05	3	22.5
		50	25	21.07	21.12	21.04	3	22.5
		50	50	21.05	21.06	20.90	3	22.5
		100	0	21.02	21.03	20.99	3	22.5
BW	Modulation	Channel		132047	132322	132597	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
15M	QPSK	1	0	23.83	23.87	23.79	0	25.5
		1	37	24.11	24.11	23.82	0	25.5
		1	74	23.83	23.74	23.81	0	25.5
		36	0	22.96	22.98	22.98	1	24.5
		36	19	23.07	22.96	22.88	1	24.5
		36	39	23.08	23.03	22.84	1	24.5
		75	0	22.98	23.05	22.93	1	24.5
	16QAM	1	0	22.69	22.74	22.66	1	24.5
		1	37	22.98	22.91	22.73	1	24.5
		1	74	22.62	22.59	22.56	1	24.5
		36	0	21.96	21.81	21.84	2	23.5
		36	19	21.90	21.89	21.91	2	23.5
		36	39	21.87	22.09	21.88	2	23.5
		75	0	22.06	21.86	22.03	2	23.5
	64QAM	1	0	21.75	21.66	21.65	2	23.5
		1	37	21.99	21.88	22.15	2	23.5
		1	74	21.71	21.65	21.70	2	23.5
		36	0	20.80	20.79	20.72	3	22.5
		36	19	20.92	20.82	20.86	3	22.5
		36	39	21.02	20.88	20.88	3	22.5
		75	0	21.00	20.92	20.84	3	22.5
BW	Modulation	Channel		132022	132322	132622	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775		
10M	QPSK	1	0	23.85	23.83	23.80	0	25.5
		1	24	24.17	24.03	23.85	0	25.5
		1	49	23.87	23.64	23.75	0	25.5
		25	0	22.99	22.95	23.02	1	24.5
		25	12	23.03	23.01	22.81	1	24.5
		25	25	23.16	22.99	22.85	1	24.5
		50	0	22.92	23.07	22.91	1	24.5
	16QAM	1	0	22.68	22.70	22.60	1	24.5
		1	24	22.97	22.93	22.79	1	24.5
		1	49	22.59	22.54	22.54	1	24.5
		25	0	21.95	21.83	21.81	2	23.5
		25	12	21.94	21.90	21.94	2	23.5
		25	25	21.88	22.01	21.80	2	23.5
		50	0	22.01	21.94	22.01	2	23.5
	64QAM	1	0	21.75	21.74	21.52	2	23.5
		1	24	22.01	21.92	22.07	2	23.5
		1	49	21.63	21.72	21.64	2	23.5
		25	0	20.93	20.87	20.76	3	22.5
		25	12	20.83	20.94	20.94	3	22.5
		25	25	21.08	20.79	20.91	3	22.5
		50	0	20.87	20.95	20.81	3	22.5
BW	Modulation	Channel		131997	132322	132647	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
5M	QPSK	1	0	23.80	23.85	23.78	0	25.5
		1	12	24.17	24.14	23.82	0	25.5
		1	24	23.93	23.62	23.77	0	25.5
		12	0	22.97	22.87	22.90	1	24.5
		12	6	22.96	22.97	22.88	1	24.5
		12	13	23.09	23.08	22.91	1	24.5
		25	0	22.91	22.99	22.91	1	24.5
	16QAM	1	0	22.75	22.67	22.66	1	24.5
		1	12	22.93	22.84	22.76	1	24.5
		1	24	22.62	22.61	22.56	1	24.5
		12	0	22.01	21.82	21.83	2	23.5
		12	6	21.85	21.97	22.04	2	23.5
		12	13	22.00	22.12	21.78	2	23.5
		25	0	22.07	21.88	22.02	2	23.5
	64QAM	1	0	21.70	21.65	21.61	2	23.5
		1	12	21.97	22.00	22.05	2	23.5
		1	24	21.64	21.62	21.76	2	23.5
		12	0	20.91	20.87	20.73	3	22.5
		12	6	20.84	20.93	20.91	3	22.5
		12	13	21.09	20.79	20.84	3	22.5
		25	0	20.90	20.86	20.83	3	22.5
BW	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3M	QPSK	1	0	23.86	23.86	23.83	0	25.5
		1	7	24.21	24.15	23.79	0	25.5
		1	14	23.82	23.67	23.76	0	25.5
		8	0	23.06	22.90	22.99	1	24.5
		8	3	23.03	22.97	22.85	1	24.5
		8	7	23.17	22.97	22.87	1	24.5
		15	0	22.96	23.04	22.87	1	24.5
	16QAM	1	0	22.64	22.69	22.68	1	24.5
		1	7	23.03	22.95	22.71	1	24.5
		1	14	22.60	22.58	22.59	1	24.5
		8	0	22.03	21.85	21.89	2	23.5
		8	3	21.90	21.95	21.93	2	23.5
		8	7	21.95	22.10	21.89	2	23.5
		15	0	22.05	21.95	21.99	2	23.5
	64QAM	1	0	21.65	21.78	21.65	2	23.5
		1	7	22.05	22.00	22.06	2	23.5
		1	14	21.59	21.61	21.70	2	23.5
		8	0	20.94	20.86	20.78	3	22.5
		8	3	20.87	20.89	20.92	3	22.5
		8	7	21.05	20.81	20.80	3	22.5
		15	0	20.96	20.90	20.84	3	22.5
BW	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4M	QPSK	1	0	23.69	23.71	23.52	0	25.5
		1	2	23.96	24.01	23.93	0	25.5
		1	5	23.63	23.67	23.59	0	25.5
		3	0	23.79	23.84	23.85	0	25.5
		3	1	23.92	23.94	23.87	0	25.5
		3	3	23.89	23.84	23.72	0	25.5
		6	0	23.02	23.03	23.01	1	24.5
	16QAM	1	0	22.92	22.89	22.95	1	24.5
		1	2	23.20	23.23	23.33	1	24.5
		1	5	22.95	22.97	22.95	1	24.5
		3	0	22.68	22.81	22.81	1	24.5
		3	1	22.89	22.92	22.78	1	24.5
		3	3	22.79	22.78	22.64	1	24.5
		6	0	21.92	21.93	21.87	2	23.5
	64QAM	1	0	21.84	21.81	21.78	2	23.5
		1	2	22.08	22.17	22.27	2	23.5
		1	5	21.92	21.94	21.96	2	23.5
		3	0	21.69	21.75	21.74	2	23.5
		3	1	21.83	21.77	21.81	2	23.5
		3	3	21.72	21.74	21.57	2	23.5
		6	0	20.87	21.02	20.87	3	22.5

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Ant4

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	31.25	31.32	31.42	32.50	23.44	23.58	23.59	24.50
GPRS 1Tx Slot	31.22	31.28	31.45	32.50	23.45	23.53	23.57	24.50
GPRS 2Tx Slot	27.93	28.00	28.20	29.00	19.26	19.63	20.08	20.50
GPRS 3Tx Slot	26.34	26.42	26.61	27.50	17.60	18.08	18.41	19.00
GPRS 4Tx Slot	25.28	25.39	25.56	26.50	16.51	17.07	17.22	18.00
EDGE 1Tx Slot	27.04	27.02	26.82	28.00	22.18	22.17	22.24	23.00
EDGE 2Tx Slot	23.61	23.77	23.52	25.00	18.88	18.86	18.96	20.00
EDGE 3Tx Slot	21.83	22.02	21.74	23.00	16.93	17.01	17.09	18.00
EDGE 4Tx Slot	21.14	21.17	21.04	22.00	16.00	15.99	15.96	17.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	22.25	22.32	22.42	23.50	14.44	14.58	14.59	15.50
GPRS 1Tx Slot	22.22	22.28	22.45	23.50	14.45	14.53	14.57	15.50
GPRS 2Tx Slot	21.93	22.00	22.20	23.00	13.26	13.63	14.08	14.50
GPRS 3Tx Slot	22.08	22.16	22.35	23.24	13.34	13.82	14.15	14.74
GPRS 4Tx Slot	22.28	22.39	22.56	23.50	13.51	14.07	14.22	15.00
EDGE 1Tx Slot	18.04	18.02	17.82	19.00	13.18	13.17	13.24	14.00
EDGE 2Tx Slot	17.61	17.77	17.52	19.00	12.88	12.86	12.96	14.00
EDGE 3Tx Slot	17.57	17.76	17.48	18.74	12.67	12.75	12.83	13.74
EDGE 4Tx Slot	18.14	18.17	18.04	19.00	13.00	12.99	12.96	14.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407.00	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.40	846.6	
RMC 12.2K	14.19	14.24	14.25	15.50	14.95	14.93	14.88	16.00	21.63	21.65	21.68	23.00
HSDPA Subtest-1	13.28	13.36	13.46	14.00	14.06	14.07	14.03	14.50	20.79	20.77	20.86	21.50
HSDPA Subtest-2	13.30	13.32	13.43	14.00	14.02	14.03	13.92	14.50	20.81	20.84	20.85	21.50
HSDPA Subtest-3	12.71	12.77	12.98	14.00	13.58	13.54	13.45	14.50	20.22	20.25	20.31	21.50
HSDPA Subtest-4	12.82	12.99	13.00	14.00	13.61	13.66	13.40	14.50	20.33	20.25	20.24	21.50
DC-HSDPA Subtest-1	13.38	13.34	13.50	14.00	14.04	14.09	14.11	14.50	20.76	20.70	20.78	21.50
DC-HSDPA Subtest-2	13.25	13.44	13.54	14.00	14.04	14.06	14.00	14.50	20.82	20.74	20.88	21.50
DC-HSDPA Subtest-3	12.71	12.90	12.94	14.00	13.59	13.54	13.52	14.50	20.23	20.28	20.50	21.50
DC-HSDPA Subtest-4	12.80	12.81	12.96	14.00	13.48	13.58	13.52	14.50	20.23	20.19	20.38	21.50
HSUPA Subtest-1	11.40	11.49	11.70	13.00	12.24	12.20	12.28	13.50	18.96	19.02	19.11	20.50
HSUPA Subtest-2	11.20	11.33	11.41	13.00	12.02	11.93	11.92	13.50	18.63	18.75	18.67	20.50
HSUPA Subtest-3	12.14	12.21	12.33	13.00	12.85	12.73	12.75	13.50	19.54	19.51	19.66	20.50
HSUPA Subtest-4	11.11	11.23	11.18	13.00	11.66	11.74	11.62	13.50	18.92	18.90	18.92	20.50
HSUPA Subtest-5	12.11	12.26	12.22	13.00	12.94	12.70	12.78	13.50	19.59	19.56	19.65	20.50
HSPA+ Subtest-1	11.37	11.43	11.63	13.00	12.20	12.18	12.06	13.50	18.74	18.73	19.07	20.50

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Ant4

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.20	32.37	32.43	33.50	29.30	29.41	29.44	30.50
GPRS 1Tx Slot	32.19	32.31	32.36	33.50	29.23	29.40	29.41	30.50
GPRS 2Tx Slot	28.81	28.92	29.05	30.00	25.57	25.77	25.99	26.50
GPRS 3Tx Slot	27.32	27.45	27.62	28.50	23.73	23.96	24.26	25.00
GPRS 4Tx Slot	26.27	26.40	26.54	27.50	22.77	23.00	23.33	24.00
EDGE 1Tx Slot	26.88	26.94	26.77	28.00	25.94	26.10	26.05	27.00
EDGE 2Tx Slot	23.63	23.66	23.42	25.00	22.89	23.12	23.04	24.00
EDGE 3Tx Slot	21.86	21.88	21.68	23.00	21.10	21.46	21.32	22.00
EDGE 4Tx Slot	21.03	20.98	21.04	22.00	20.16	20.35	20.28	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.20	23.37	23.43	24.50	20.30	20.41	20.44	21.50
GPRS 1Tx Slot	23.19	23.31	23.36	24.50	20.23	20.40	20.41	21.50
GPRS 2Tx Slot	22.81	22.92	23.05	24.00	19.57	19.77	19.99	20.50
GPRS 3Tx Slot	23.06	23.19	23.36	24.24	19.47	19.70	20.00	20.74
GPRS 4Tx Slot	23.27	23.40	23.54	24.50	19.77	20.00	20.33	21.00
EDGE 1Tx Slot	17.88	17.94	17.77	19.00	16.94	17.10	17.05	18.00
EDGE 2Tx Slot	17.63	17.66	17.42	19.00	16.89	17.12	17.04	18.00
EDGE 3Tx Slot	17.60	17.62	17.42	18.74	16.84	17.20	17.06	17.74
EDGE 4Tx Slot	18.03	17.98	18.04	19.00	17.16	17.35	17.28	18.00

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	21.03	21.15	21.29	22.50	21.40	21.34	21.24	22.50	24.17	24.19	24.25	25.50
HSDPA Subtest-1	20.15	20.17	20.54	21.00	20.50	20.46	20.41	21.00	23.26	23.35	23.43	24.00
HSDPA Subtest-2	20.24	20.31	20.50	21.00	20.43	20.40	20.44	21.00	23.37	23.36	23.42	24.00
HSDPA Subtest-3	19.78	19.76	19.95	21.00	20.02	20.03	19.87	21.00	22.77	22.80	22.88	24.00
HSDPA Subtest-4	19.75	19.84	19.97	21.00	20.09	19.88	19.96	21.00	22.84	22.78	22.87	24.00
DC-HSDPA Subtest-1	20.36	20.28	20.30	21.00	20.38	20.28	20.46	21.00	23.33	23.35	23.35	24.00
DC-HSDPA Subtest-2	20.21	20.34	20.51	21.00	20.50	20.53	20.38	21.00	23.34	23.32	23.39	24.00
DC-HSDPA Subtest-3	19.74	19.91	20.05	21.00	19.95	20.05	19.90	21.00	22.87	22.89	22.93	24.00
DC-HSDPA Subtest-4	19.75	19.84	19.99	21.00	19.97	20.04	19.97	21.00	22.79	22.81	22.90	24.00
HSUPA Subtest-1	18.47	18.56	18.75	20.00	18.68	18.48	18.55	20.00	21.51	21.55	21.58	23.00
HSUPA Subtest-2	18.11	18.31	18.29	20.00	18.28	18.29	18.15	20.00	21.16	21.29	21.27	23.00
HSUPA Subtest-3	19.04	19.32	19.24	20.00	19.29	19.05	19.20	20.00	22.13	22.10	22.24	23.00
HSUPA Subtest-4	18.12	18.23	18.17	20.00	18.26	18.17	18.19	20.00	21.10	21.16	21.20	23.00
HSUPA Subtest-5	18.99	19.15	19.26	20.00	19.15	19.15	19.23	20.00	22.13	22.08	22.15	23.00
HSPA+ Subtest-1	18.39	18.54	18.54	20.00	18.42	18.51	18.51	20.00	21.38	21.41	21.55	23.00

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Ant4

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.20	32.37	32.43	33.50	25.70	25.95	26.09	27.00
GPRS 1Tx Slot	32.19	32.31	32.36	33.50	25.67	25.88	26.05	27.00
GPRS 2Tx Slot	28.81	28.92	29.05	30.00	22.00	22.29	22.61	23.00
GPRS 3Tx Slot	27.32	27.45	27.62	28.50	20.17	20.54	20.95	21.50
GPRS 4Tx Slot	26.27	26.40	26.54	27.50	19.08	19.49	19.95	20.50
EDGE 1Tx Slot	26.88	26.94	26.77	28.00	24.55	24.71	24.58	25.50
EDGE 2Tx Slot	23.63	23.66	23.42	25.00	21.43	21.65	21.49	22.50
EDGE 3Tx Slot	21.86	21.88	21.68	23.00	19.68	19.85	19.66	20.50
EDGE 4Tx Slot	21.03	20.98	21.04	22.00	18.61	18.65	18.54	19.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.20	23.37	23.43	24.50	16.70	16.95	17.09	18.00
GPRS 1Tx Slot	23.19	23.31	23.36	24.50	16.67	16.88	17.05	18.00
GPRS 2Tx Slot	22.81	22.92	23.05	24.00	16.00	16.29	16.61	17.00
GPRS 3Tx Slot	23.06	23.19	23.36	24.24	15.91	16.28	16.69	17.24
GPRS 4Tx Slot	23.27	23.40	23.54	24.50	16.08	16.49	16.95	17.50
EDGE 1Tx Slot	17.88	17.94	17.77	19.00	15.55	15.71	15.58	16.50
EDGE 2Tx Slot	17.63	17.66	17.42	19.00	15.43	15.65	15.49	16.50
EDGE 3Tx Slot	17.60	17.62	17.42	18.74	15.42	15.59	15.40	16.24
EDGE 4Tx Slot	18.03	17.98	18.04	19.00	15.61	15.65	15.54	16.50

Band	WCDMA II			WCDMA II	WCDMA IV			WCDMA IV	WCDMA V			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	17.41	17.45	17.51	18.50	17.92	17.87	17.83	19.00	24.17	24.19	24.25	25.50
HSDPA Subtest-1	16.55	16.50	16.36	17.00	17.11	17.09	17.03	17.50	23.26	23.35	23.43	24.00
HSDPA Subtest-2	16.45	16.63	16.53	17.00	16.98	17.04	17.10	17.50	23.37	23.36	23.42	24.00
HSDPA Subtest-3	16.05	16.09	16.24	17.00	16.62	16.56	16.51	17.50	22.77	22.80	22.88	24.00
HSDPA Subtest-4	16.05	16.20	16.17	17.00	16.63	16.60	16.49	17.50	22.84	22.78	22.87	24.00
DC-HSDPA Subtest-1	16.57	16.48	16.69	17.00	17.09	17.09	17.08	17.50	23.33	23.35	23.35	24.00
DC-HSDPA Subtest-2	16.52	16.60	16.75	17.00	17.07	17.10	17.04	17.50	23.34	23.32	23.39	24.00
DC-HSDPA Subtest-3	15.95	16.17	16.26	17.00	16.61	16.66	16.54	17.50	22.87	22.89	22.93	24.00
DC-HSDPA Subtest-4	16.09	16.08	16.09	17.00	16.58	16.51	16.54	17.50	22.79	22.81	22.90	24.00
HSUPA Subtest-1	14.73	14.82	14.94	16.00	15.31	15.17	15.14	16.50	21.51	21.55	21.58	23.00
HSUPA Subtest-2	14.36	14.56	14.50	16.00	15.02	14.84	14.81	16.50	21.16	21.29	21.27	23.00
HSUPA Subtest-3	15.24	15.43	15.55	16.00	15.90	15.87	15.90	16.50	22.13	22.10	22.24	23.00
HSUPA Subtest-4	14.19	14.11	14.31	16.00	14.74	14.65	14.65	16.50	21.10	21.16	21.20	23.00
HSUPA Subtest-5	15.24	15.49	15.43	16.00	15.78	15.85	15.75	16.50	22.13	22.08	22.15	23.00
HSPA+ Subtest-1	14.58	14.64	14.82	16.00	15.11	15.15	15.16	16.50	21.38	21.41	21.55	23.00

LTE DSI-1
Ant4

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	13.83	13.90	13.89	15.5
		1	50	14.30	14.20	14.24	15.5
		1	99	13.87	13.82	13.92	15.5
		50	0	13.66	13.85	13.72	15.5
		50	25	13.93	13.89	13.82	15.5
		50	50	13.83	13.83	13.79	15.5
		100	0	13.90	13.89	13.73	15.5
	16QAM	1	0	13.62	13.70	13.86	15.5
		1	50	14.03	14.08	14.07	15.5
		1	99	13.78	13.70	13.82	15.5
		50	0	13.81	13.96	13.76	15.5
		50	25	13.88	13.95	13.91	15.5
		50	50	13.96	13.96	13.68	15.5
		100	0	13.90	13.99	13.71	15.5
	64QAM	1	0	13.97	13.76	13.70	15.5
		1	50	14.02	14.10	14.19	15.5
		1	99	13.75	13.69	13.81	15.5
		50	0	13.69	13.90	13.77	15.5
		50	25	13.89	13.97	13.97	15.5
		50	50	13.86	13.90	13.68	15.5
		100	0	13.79	14.05	13.80	15.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	13.73	13.89	13.79	15.5
		1	37	14.19	14.06	14.16	15.5
		1	74	13.73	13.81	13.89	15.5
		36	0	13.63	13.79	13.63	15.5
		36	19	13.83	13.81	13.65	15.5
		36	39	13.76	13.70	13.72	15.5
		75	0	13.88	13.84	13.66	15.5
	16QAM	1	0	13.51	13.60	13.77	15.5
		1	37	13.97	14.07	13.98	15.5
		1	74	13.75	13.58	13.76	15.5
		36	0	13.74	13.90	13.62	15.5
		36	19	13.75	13.83	13.87	15.5
		36	39	13.85	13.91	13.67	15.5
		75	0	13.75	13.97	13.61	15.5
	64QAM	1	0	13.90	13.62	13.60	15.5
		1	37	13.88	13.96	14.06	15.5
		1	74	13.73	13.67	13.74	15.5
		36	0	13.59	13.85	13.66	15.5
		36	19	13.88	13.85	13.87	15.5
		36	39	13.80	13.80	13.66	15.5
		75	0	13.67	13.95	13.66	15.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	13.79	13.77	13.82	15.5
		1	24	14.27	14.19	14.10	15.5
		1	49	13.85	13.67	13.85	15.5
		25	0	13.62	13.74	13.71	15.5
		25	12	13.88	13.87	13.72	15.5
		25	25	13.78	13.78	13.80	15.5
		50	0	13.79	13.83	13.61	15.5
	16QAM	1	0	13.60	13.60	13.74	15.5
		1	24	13.98	13.98	14.06	15.5
		1	49	13.72	13.67	13.76	15.5
		25	0	13.67	13.81	13.64	15.5
		25	12	13.78	13.94	13.88	15.5
		25	25	13.82	13.93	13.54	15.5
		50	0	13.89	13.91	13.62	15.5
	64QAM	1	0	13.83	13.68	13.58	15.5
		1	24	13.90	13.95	14.04	15.5
		1	49	13.60	13.64	13.70	15.5
		25	0	13.57	13.80	13.69	15.5
		25	12	13.75	13.96	13.82	15.5
		25	25	13.75	13.88	13.67	15.5
		50	0	13.67	13.99	13.72	15.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	13.74	13.88	13.75	15.5
		1	12	14.17	14.14	14.17	15.5
		1	24	13.75	13.67	13.89	15.5
		12	0	13.65	13.73	13.60	15.5
		12	6	13.87	13.79	13.74	15.5
		12	13	13.81	13.82	13.78	15.5
		25	0	13.77	13.84	13.59	15.5
	16QAM	1	0	13.54	13.55	13.78	15.5
		1	12	13.95	14.05	13.98	15.5
		1	24	13.76	13.58	13.78	15.5
		12	0	13.72	13.84	13.68	15.5
		12	6	13.81	13.91	13.86	15.5
		12	13	13.82	13.94	13.82	15.5
		25	0	13.77	13.86	13.70	15.5
	64QAM	1	0	13.83	13.72	13.55	15.5
		1	12	13.91	14.01	14.07	15.5
		1	24	13.61	13.68	13.76	15.5
		12	0	13.66	13.79	13.76	15.5
		12	6	13.88	13.95	13.96	15.5
		12	13	13.82	13.86	13.60	15.5
		25	0	13.64	13.97	13.74	15.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	13.82	13.89	13.83	15.5
		1	7	14.16	14.10	14.15	15.5
		1	14	13.81	13.74	13.80	15.5
		8	0	13.52	13.78	13.58	15.5
		8	3	13.87	13.85	13.65	15.5
		8	7	13.72	13.78	13.76	15.5
		15	0	13.89	13.76	13.65	15.5
	16QAM	1	0	13.57	13.60	13.81	15.5
		1	7	13.91	14.06	13.93	15.5
		1	14	13.77	13.63	13.67	15.5
		8	0	13.77	13.90	13.68	15.5
		8	3	13.79	13.80	13.84	15.5
		8	7	13.94	13.89	13.64	15.5
		15	0	13.88	13.88	13.68	15.5
	64QAM	1	0	13.85	13.68	13.62	15.5
		1	7	13.89	14.07	14.16	15.5
		1	14	13.68	13.59	13.72	15.5
		8	0	13.61	13.77	13.72	15.5
		8	3	13.81	13.93	13.86	15.5
		8	7	13.83	13.79	13.54	15.5
		15	0	13.76	13.93	13.74	15.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	13.76	13.81	13.80	15.5
		1	2	14.20	14.13	14.23	15.5
		1	5	13.84	13.69	13.81	15.5
		3	0	13.62	13.79	13.62	15.5
		3	1	13.88	13.82	13.77	15.5
		3	3	13.72	13.71	13.78	15.5
		6	0	13.76	13.80	13.63	15.5
	16QAM	1	0	13.54	13.60	13.83	15.5
		1	2	13.92	14.00	13.99	15.5
		1	5	13.64	13.58	13.72	15.5
		3	0	13.72	13.92	13.67	15.5
		3	1	13.87	13.89	13.84	15.5
		3	3	13.93	13.85	13.63	15.5
		6	0	13.83	13.86	13.67	15.5
	64QAM	1	0	13.91	13.62	13.63	15.5
		1	2	13.95	14.04	14.16	15.5
		1	5	13.71	13.60	13.71	15.5
		3	0	13.57	13.77	13.66	15.5
		3	1	13.80	13.90	13.91	15.5
		3	3	13.75	13.80	13.55	15.5
		6	0	13.72	13.99	13.68	15.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	13.70	13.92	13.87	15.5
		1	50	14.07	14.11	14.12	15.5
		1	99	13.93	13.72	13.84	15.5
		50	0	13.71	13.67	13.66	15.5
		50	25	13.84	13.86	13.83	15.5
		50	50	13.71	13.69	13.76	15.5
		100	0	13.82	13.74	13.79	15.5
	16QAM	1	0	13.86	13.75	13.77	15.5
		1	50	13.82	13.94	13.86	15.5
		1	99	13.94	13.71	13.59	15.5
		50	0	13.70	13.69	13.71	15.5
		50	25	13.73	13.80	13.89	15.5
		50	50	13.69	13.84	13.69	15.5
		100	0	13.75	13.75	13.69	15.5
	64QAM	1	0	13.70	13.74	13.85	15.5
		1	50	13.85	13.76	13.67	15.5
		1	99	13.79	13.83	13.84	15.5
		50	0	13.88	13.93	13.87	15.5
		50	25	13.89	14.05	13.88	15.5
		50	50	13.92	13.96	13.78	15.5
		100	0	13.81	13.76	13.86	15.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	13.69	13.79	13.74	15.5
		1	37	14.06	13.99	14.06	15.5
		1	74	13.88	13.59	13.79	15.5
		36	0	13.65	13.61	13.63	15.5
		36	19	13.73	13.76	13.73	15.5
		36	39	13.69	13.60	13.66	15.5
		75	0	13.75	13.72	13.75	15.5
	16QAM	1	0	13.81	13.70	13.72	15.5
		1	37	13.80	13.84	13.73	15.5
		1	74	13.91	13.56	13.54	15.5
		36	0	13.62	13.66	13.60	15.5
		36	19	13.60	13.75	13.80	15.5
		36	39	13.54	13.69	13.63	15.5
		75	0	13.74	13.73	13.59	15.5
	64QAM	1	0	13.60	13.64	13.79	15.5
		1	37	13.75	13.71	13.53	15.5
		1	74	13.69	13.71	13.75	15.5
		36	0	13.80	13.87	13.76	15.5
		36	19	13.86	13.94	13.83	15.5
		36	39	13.77	13.89	13.69	15.5
		75	0	13.74	13.69	13.84	15.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	13.55	13.80	13.77	15.5
		1	24	14.01	14.03	14.05	15.5
		1	49	13.88	13.58	13.74	15.5
		25	0	13.69	13.58	13.53	15.5
		25	12	13.82	13.82	13.76	15.5
		25	25	13.58	13.56	13.75	15.5
		50	0	13.67	13.60	13.70	15.5
	16QAM	1	0	13.71	13.67	13.70	15.5
		1	24	13.74	13.83	13.79	15.5
		1	49	13.83	13.64	13.54	15.5
		25	0	13.60	13.68	13.63	15.5
		25	12	13.61	13.66	13.86	15.5
		25	25	13.67	13.81	13.65	15.5
		50	0	13.74	13.63	13.57	15.5
	64QAM	1	0	13.61	13.62	13.76	15.5
		1	24	13.71	13.69	13.61	15.5
		1	49	13.65	13.74	13.76	15.5
		25	0	13.76	13.78	13.86	15.5
		25	12	13.84	13.99	13.82	15.5
		25	25	13.80	13.90	13.67	15.5
		50	0	13.69	13.61	13.77	15.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	13.65	13.91	13.77	15.5
		1	12	13.96	14.03	14.03	15.5
		1	24	13.83	13.67	13.83	15.5
		12	0	13.64	13.59	13.52	15.5
		12	6	13.73	13.83	13.78	15.5
		12	13	13.59	13.55	13.67	15.5
		25	0	13.67	13.68	13.74	15.5
	16QAM	1	0	13.74	13.63	13.76	15.5
		1	12	13.73	13.88	13.71	15.5
		1	24	13.79	13.61	13.53	15.5
		12	0	13.60	13.62	13.65	15.5
		12	6	13.72	13.75	13.83	15.5
		12	13	13.65	13.80	13.62	15.5
		25	0	13.65	13.65	13.59	15.5
	64QAM	1	0	13.56	13.73	13.77	15.5
		1	12	13.79	13.69	13.65	15.5
		1	24	13.75	13.71	13.77	15.5
		12	0	13.81	13.81	13.81	15.5
		12	6	13.83	13.97	13.84	15.5
		12	13	13.89	13.82	13.76	15.5
		25	0	13.69	13.62	13.85	15.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	13.59	13.77	13.82	15.5
		1	7	14.00	14.02	14.05	15.5
		1	14	13.80	13.64	13.80	15.5
		8	0	13.61	13.55	13.56	15.5
		8	3	13.83	13.78	13.72	15.5
		8	7	13.69	13.54	13.74	15.5
		15	0	13.72	13.70	13.65	15.5
	16QAM	1	0	13.73	13.70	13.64	15.5
		1	7	13.76	13.93	13.82	15.5
		1	14	13.80	13.59	13.58	15.5
		8	0	13.57	13.55	13.66	15.5
		8	3	13.69	13.68	13.76	15.5
		8	7	13.64	13.80	13.64	15.5
		15	0	13.67	13.65	13.67	15.5
	64QAM	1	0	13.61	13.64	13.79	15.5
		1	7	13.78	13.68	13.62	15.5
		1	14	13.74	13.72	13.69	15.5
		8	0	13.79	13.82	13.74	15.5
		8	3	13.83	14.03	13.81	15.5
		8	7	13.85	13.81	13.67	15.5
		15	0	13.72	13.68	13.75	15.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	13.62	13.82	13.78	15.5
		1	2	14.05	14.09	14.04	15.5
		1	5	13.87	13.67	13.83	15.5
		3	0	13.60	13.62	13.62	15.5
		3	1	13.83	13.78	13.69	15.5
		3	3	13.64	13.63	13.66	15.5
		6	0	13.76	13.66	13.65	15.5
	16QAM	1	0	13.72	13.70	13.66	15.5
		1	2	13.76	13.87	13.74	15.5
		1	5	13.84	13.56	13.53	15.5
		3	0	13.68	13.63	13.67	15.5
		3	1	13.70	13.65	13.81	15.5
		3	3	13.56	13.82	13.62	15.5
		6	0	13.73	13.71	13.54	15.5
	64QAM	1	0	13.68	13.72	13.76	15.5
		1	2	13.74	13.62	13.58	15.5
		1	5	13.76	13.82	13.71	15.5
		3	0	13.78	13.86	13.84	15.5
		3	1	13.74	14.02	13.85	15.5
		3	3	13.80	13.85	13.71	15.5
		6	0	13.73	13.70	13.76	15.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	21.32	21.33	21.33	23
		1	24	21.49	21.56	21.57	23
		1	49	21.40	21.43	21.55	23
		25	0	21.23	21.33	21.21	23
		25	12	21.37	21.38	21.41	23
		25	25	21.32	21.18	21.26	23
		50	0	21.27	21.22	21.28	23
	16QAM	1	0	21.49	21.50	21.36	23
		1	24	21.47	21.48	21.16	23
		1	49	21.47	21.44	21.56	23
		25	0	21.24	21.33	21.17	23
		25	12	21.12	21.24	21.37	23
		25	25	21.16	21.15	21.27	23
		50	0	21.22	21.15	21.17	23
	64QAM	1	0	21.37	21.23	21.35	23
		1	24	21.48	21.46	21.15	23
		1	49	21.30	21.27	21.42	23
		25	0	21.00	20.98	21.07	22.5
		25	12	21.06	20.98	21.12	22.5
		25	25	20.97	21.04	21.06	22.5
		50	0	21.03	21.03	20.98	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	21.27	21.30	21.21	23
		1	12	21.45	21.48	21.54	23
		1	24	21.36	21.30	21.50	23
		12	0	21.14	21.28	21.13	23
		12	6	21.16	21.10	21.28	23
		12	13	21.22	21.17	21.21	23
		25	0	21.17	21.18	21.25	23
	16QAM	1	0	21.45	21.44	21.32	23
		1	12	21.37	21.39	21.10	23
		1	24	21.32	21.41	21.42	23
		12	0	21.12	21.24	21.02	23
		12	6	21.24	21.21	21.25	23
		12	13	21.27	21.13	21.24	23
		25	0	21.14	21.14	21.15	23
	64QAM	1	0	21.22	21.19	21.30	23
		1	12	21.43	21.36	21.10	23
		1	24	21.24	21.18	21.34	23
		12	0	20.95	20.91	20.97	22.5
		12	6	20.94	20.96	21.02	22.5
		12	13	20.82	20.92	20.92	22.5
		25	0	21.01	20.96	20.85	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	21.31	21.20	21.30	23
		1	7	21.48	21.53	21.50	23
		1	14	21.25	21.34	21.51	23
		8	0	21.19	21.35	21.10	23
		8	3	21.13	21.14	21.37	23
		8	7	21.23	21.09	21.15	23
		15	0	21.20	21.17	21.15	23
	16QAM	1	0	21.44	21.39	21.24	23
		1	7	21.42	21.37	21.06	23
		1	14	21.32	21.33	21.48	23
		8	0	21.11	21.22	21.10	23
		8	3	21.03	21.18	21.30	23
		8	7	21.13	21.03	21.18	23
		15	0	21.15	21.05	21.10	23
	64QAM	1	0	21.27	21.15	21.33	23
		1	7	21.46	21.42	21.12	23
		1	14	21.21	21.20	21.36	23
		8	0	20.89	20.83	21.02	22.5
		8	3	21.01	20.93	21.03	22.5
		8	7	20.95	20.95	20.99	22.5
		15	0	21.02	20.88	20.86	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	21.28	21.28	21.25	23
		1	2	21.37	21.46	21.55	23
		1	5	21.34	21.34	21.50	23
		3	0	21.22	21.23	21.09	23
		3	1	21.14	21.17	21.33	23
		3	3	21.25	21.16	21.21	23
		6	0	21.18	21.19	21.18	23
	16QAM	1	0	21.43	21.44	21.33	23
		1	2	21.44	21.42	21.11	23
		1	5	21.45	21.30	21.54	23
		3	0	21.14	21.32	21.12	23
		3	1	21.03	21.10	21.22	23
		3	3	21.12	21.10	21.15	23
		6	0	21.10	21.08	21.05	23
	64QAM	1	0	21.22	21.15	21.30	23
		1	2	21.34	21.43	21.06	23
		1	5	21.28	21.22	21.28	23
		3	0	21.31	21.32	21.33	23
		3	1	21.34	21.24	21.45	23
		3	3	21.30	21.34	21.27	23
		6	0	21.00	21.01	20.91	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	14.34	14.30	14.30	16
		1	50	**14.45**	14.38	14.42	16
		1	99	14.41	14.38	14.34	16
		50	0	14.39	14.32	14.35	16
		50	25	14.30	14.25	14.19	16
		50	50	14.42	14.34	14.41	16
		100	0	14.37	14.16	14.25	16
	16QAM	1	0	14.34	14.19	14.17	16
		1	50	14.28	14.31	14.21	16
		1	99	14.23	14.38	14.36	16
		50	0	14.26	14.15	14.25	16
		50	25	14.22	14.21	14.33	16
		50	50	14.30	14.23	14.31	16
		100	0	14.30	14.23	14.22	16
	64QAM	1	0	14.33	14.25	14.38	16
		1	50	14.38	14.18	14.15	16
		1	99	14.19	14.21	14.24	16
		50	0	14.26	14.17	14.20	16
		50	25	14.24	14.27	14.28	16
		50	50	14.38	14.19	14.26	16
		100	0	14.27	14.24	14.16	16
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	14.33	14.26	14.18	16
		1	37	14.33	14.35	14.37	16
		1	74	14.37	14.25	14.31	16
		36	0	14.30	14.33	14.27	16
		36	19	14.27	14.14	14.08	16
		36	39	14.28	14.20	14.38	16
		75	0	14.32	14.12	14.11	16
	16QAM	1	0	14.22	14.04	14.08	16
		1	37	14.19	14.22	14.12	16
		1	74	14.10	14.37	14.24	16
		36	0	14.19	14.11	14.18	16
		36	19	14.15	14.16	14.27	16
		36	39	14.29	14.14	14.20	16
		75	0	14.27	14.22	14.15	16
	64QAM	1	0	14.20	14.20	14.36	16
		1	37	14.25	14.10	14.12	16
		1	74	14.05	14.08	14.14	16
		36	0	14.21	14.12	14.12	16
		36	19	14.13	14.18	14.26	16
		36	39	14.24	14.05	14.13	16
		75	0	14.21	14.17	14.04	16
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	14.22	14.20	14.27	16
		1	24	14.42	14.28	14.35	16
		1	49	14.31	14.24	14.28	16
		25	0	14.24	14.27	14.20	16
		25	12	14.27	14.19	14.13	16
		25	25	14.35	14.15	14.29	16
		50	0	14.33	14.13	14.19	16
	16QAM	1	0	14.28	14.15	14.06	16
		1	24	14.23	14.28	14.10	16
		1	49	14.18	14.32	14.27	16
		25	0	14.18	14.08	14.22	16
		25	12	14.11	14.07	14.31	16
		25	25	14.24	14.18	14.19	16
		50	0	14.16	14.17	14.19	16
	64QAM	1	0	14.28	14.18	14.34	16
		1	24	14.25	14.09	14.03	16
		1	49	14.13	14.08	14.15	16
		25	0	14.16	14.02	14.06	16
		25	12	14.12	14.16	14.20	16
		25	25	14.33	14.11	14.22	16
		50	0	14.21	14.15	14.07	16
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	14.24	14.23	14.28	16
		1	12	14.37	14.30	14.38	16
		1	24	14.31	14.28	14.30	16
		12	0	14.27	14.31	14.20	16
		12	6	14.26	14.19	14.13	16
		12	13	14.32	14.27	14.32	16
		25	0	14.35	14.13	14.21	16
	16QAM	1	0	14.20	14.05	14.15	16
		1	12	14.21	14.28	14.12	16
		1	24	14.17	14.36	14.27	16
		12	0	14.11	14.07	14.20	16
		12	6	14.15	14.14	14.21	16
		12	13	14.24	14.11	14.18	16
		25	0	14.19	14.15	14.08	16
	64QAM	1	0	14.21	14.21	14.33	16
		1	12	14.29	14.08	14.03	16
		1	24	14.05	14.15	14.16	16
		12	0	14.13	14.06	14.08	16
		12	6	14.21	14.22	14.13	16
		12	13	14.28	14.10	14.16	16
		25	0	14.24	14.09	14.12	16

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	16.86	16.88	16.90	18.5
		1	50	17.15	**17.16**	17.15	18.5
		1	99	16.95	16.91	16.86	18.5
		50	0	16.77	16.92	16.78	18.5
		50	25	17.01	17.08	16.95	18.5
		50	50	16.89	16.83	16.71	18.5
		100	0	16.85	16.95	16.82	18.5
	16QAM	1	0	16.76	16.78	16.84	18.5
		1	50	16.92	17.02	16.71	18.5
		1	99	16.76	16.97	16.77	18.5
		50	0	16.87	16.89	16.92	18.5
		50	25	16.96	16.81	16.92	18.5
		50	50	16.92	17.01	16.77	18.5
		100	0	16.89	16.95	16.80	18.5
	64QAM	1	0	16.83	16.67	16.77	18.5
		1	50	16.77	16.82	16.90	18.5
		1	99	16.68	16.71	16.77	18.5
		50	0	16.89	16.95	16.96	18.5
		50	25	16.95	16.91	16.73	18.5
		50	50	16.86	16.87	16.66	18.5
		100	0	16.85	16.87	16.85	18.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	16.83	16.84	16.76	18.5
		1	37	17.14	17.01	17.01	18.5
		1	74	16.80	16.88	16.83	18.5
		36	0	16.73	16.90	16.77	18.5
		36	19	16.89	17.07	16.81	18.5
		36	39	16.86	16.82	16.61	18.5
		75	0	16.83	16.87	16.81	18.5
	16QAM	1	0	16.61	16.68	16.82	18.5
		1	37	16.83	16.94	16.60	18.5
		1	74	16.64	16.93	16.62	18.5
		36	0	16.79	16.76	16.88	18.5
		36	19	16.88	16.71	16.83	18.5
		36	39	16.82	17.00	16.75	18.5
		75	0	16.77	16.80	16.76	18.5
	64QAM	1	0	16.72	16.59	16.74	18.5
		1	37	16.64	16.81	16.77	18.5
		1	74	16.64	16.68	16.67	18.5
		36	0	16.77	16.87	16.92	18.5
		36	19	16.93	16.78	16.62	18.5
		36	39	16.83	16.83	16.57	18.5
		75	0	16.72	16.74	16.82	18.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	16.79	16.80	16.89	18.5
		1	24	17.07	17.12	17.00	18.5
		1	49	16.94	16.86	16.75	18.5
		25	0	16.72	16.86	16.67	18.5
		25	12	16.91	16.96	16.86	18.5
		25	25	16.77	16.69	16.64	18.5
		50	0	16.70	16.88	16.68	18.5
	16QAM	1	0	16.70	16.65	16.77	18.5
		1	24	16.84	17.00	16.65	18.5
		1	49	16.65	16.91	16.62	18.5
		25	0	16.78	16.75	16.87	18.5
		25	12	16.86	16.76	16.77	18.5
		25	25	16.78	16.86	16.62	18.5
		50	0	16.80	16.89	16.77	18.5
	64QAM	1	0	16.77	16.53	16.69	18.5
		1	24	16.63	16.72	16.85	18.5
		1	49	16.53	16.66	16.66	18.5
		25	0	16.74	16.94	16.85	18.5
		25	12	16.93	16.87	16.64	18.5
		25	25	16.80	16.84	16.60	18.5
		50	0	16.81	16.79	16.80	18.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	16.84	16.87	16.88	18.5
		1	12	17.09	17.14	17.00	18.5
		1	24	16.82	16.87	16.79	18.5
		12	0	16.73	16.81	16.69	18.5
		12	6	16.91	17.02	16.93	18.5
		12	13	16.86	16.80	16.69	18.5
		25	0	16.75	16.86	16.69	18.5
	16QAM	1	0	16.69	16.64	16.74	18.5
		1	12	16.81	16.95	16.58	18.5
		1	24	16.69	16.94	16.64	18.5
		12	0	16.72	16.81	16.79	18.5
		12	6	16.90	16.75	16.91	18.5
		12	13	16.82	16.98	16.75	18.5
		25	0	16.84	16.90	16.76	18.5
	64QAM	1	0	16.69	16.57	16.71	18.5
		1	12	16.62	16.67	16.86	18.5
		1	24	16.54	16.58	16.67	18.5
		12	0	16.79	16.89	16.90	18.5
		12	6	16.94	16.83	16.67	18.5
		12	13	16.84	16.84	16.65	18.5
		25	0	16.74	16.80	16.84	18.5

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	16.99	16.90	16.97	16.78	16.69	18.5
		1	50	**17.21**	17.17	17.19	17.08	17.06	18.5
		1	99	16.82	16.76	16.81	16.81	16.70	18.5
		50	0	16.74	16.74	16.91	16.74	16.85	18.5
		50	25	16.95	16.83	16.94	16.82	16.88	18.5
		50	50	16.92	16.71	16.77	16.70	16.74	18.5
		100	0	17.05	16.86	16.82	16.95	16.82	18.5
	16QAM	1	0	16.93	16.83	16.91	16.68	16.77	18.5
		1	50	17.04	17.05	17.04	17.06	17.20	18.5
		1	99	16.94	16.74	17.00	16.77	17.03	18.5
		50	0	16.85	16.80	16.95	16.88	16.83	18.5
		50	25	16.86	16.90	16.83	16.81	16.77	18.5
		50	50	16.93	16.72	16.95	16.68	16.68	18.5
		100	0	16.94	16.83	16.85	16.79	16.76	18.5
	64QAM	1	0	16.89	16.86	16.68	16.92	16.79	18.5
		1	50	16.89	16.72	16.89	16.80	16.75	18.5
		1	99	16.62	16.69	16.88	16.65	16.78	18.5
		50	0	16.83	16.77	16.81	16.84	16.80	18.5
		50	25	16.94	16.74	16.92	16.79	16.95	18.5
		50	50	17.01	16.66	16.82	16.76	16.81	18.5
		100	0	16.93	16.63	16.99	16.81	16.76	18.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	16.96	16.75	16.93	16.67	16.67	18.5
		1	37	17.14	17.12	17.18	16.99	16.92	18.5
		1	74	16.69	16.66	16.67	16.68	16.64	18.5
		36	0	16.59	16.67	16.84	16.68	16.74	18.5
		36	19	16.81	16.81	16.82	16.72	16.51	18.5
		36	39	16.82	16.64	16.75	16.62	16.71	18.5
		75	0	16.91	16.84	16.70	16.86	16.77	18.5
	16QAM	1	0	16.82	16.80	16.88	16.53	16.75	18.5
		1	37	16.98	16.96	16.97	16.96	17.19	18.5
		1	74	16.85	16.68	16.89	16.63	16.91	18.5
		36	0	16.79	16.66	16.80	16.85	16.72	18.5
		36	19	16.75	16.78	16.70	16.69	16.62	18.5
		36	39	16.91	16.60	16.86	16.55	16.59	18.5
		75	0	16.81	16.76	16.75	16.67	16.70	18.5
	64QAM	1	0	16.78	16.83	16.57	16.84	16.75	18.5
		1	37	16.84	16.71	16.84	16.79	16.65	18.5
		1	74	16.57	16.64	16.75	16.50	16.69	18.5
		36	0	16.81	16.62	16.70	16.70	16.77	18.5
		36	19	16.86	16.60	16.80	16.78	16.81	18.5
		36	39	16.90	16.63	16.70	16.64	16.70	18.5
		75	0	16.80	16.52	16.95	16.69	16.62	18.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	16.90	16.87	16.93	16.67	16.64	18.5
		1	24	17.08	17.05	17.15	17.05	16.97	18.5
		1	49	16.75	16.73	16.69	16.80	16.61	18.5
		25	0	16.63	16.62	16.84	16.72	16.82	18.5
		25	12	16.77	16.72	16.75	16.72	16.53	18.5
		25	25	16.79	16.64	16.65	16.55	16.63	18.5
		50	0	16.86	16.75	16.80	16.81	16.81	18.5
	16QAM	1	0	16.92	16.72	16.87	16.54	16.69	18.5
		1	24	17.00	17.04	16.99	16.95	17.12	18.5
		1	49	16.92	16.68	16.90	16.64	16.89	18.5
		25	0	16.74	16.70	16.81	16.83	16.77	18.5
		25	12	16.74	16.78	16.80	16.75	16.75	18.5
		25	25	16.88	16.68	16.87	16.66	16.67	18.5
		50	0	16.84	16.74	16.70	16.74	16.72	18.5
	64QAM	1	0	16.74	16.83	16.59	16.91	16.78	18.5
		1	24	16.79	16.57	16.81	16.65	16.63	18.5
		1	49	16.57	16.65	16.77	16.52	16.69	18.5
		25	0	16.77	16.66	16.66	16.78	16.75	18.5
		25	12	16.88	16.63	16.82	16.65	16.90	18.5
		25	25	16.97	16.55	16.80	16.73	16.74	18.5
		50	0	16.92	16.61	16.95	16.75	16.68	18.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	16.91	16.76	16.92	16.63	16.60	18.5
		1	12	17.10	17.02	17.07	17.07	16.95	18.5
		1	24	16.76	16.74	16.77	16.80	16.69	18.5
		12	0	16.65	16.61	16.83	16.63	16.86	18.5
		12	6	16.74	16.80	16.83	16.78	16.62	18.5
		12	13	16.79	16.70	16.67	16.60	16.70	18.5
		25	0	16.86	16.80	16.71	16.84	16.76	18.5
	16QAM	1	0	16.90	16.81	16.79	16.62	16.72	18.5
		1	12	17.02	16.92	16.97	17.01	17.15	18.5
		1	24	16.85	16.65	16.88	16.71	16.93	18.5
		12	0	16.72	16.76	16.86	16.74	16.79	18.5
		12	6	16.73	16.89	16.74	16.80	16.68	18.5
		12	13	16.88	16.71	16.90	16.66	16.60	18.5
		25	0	16.81	16.81	16.76	16.66	16.68	18.5
	64QAM	1	0	16.83	16.76	16.59	16.84	16.71	18.5
		1	12	16.75	16.60	16.80	16.72	16.61	18.5
		1	24	16.52	16.62	16.80	16.50	16.70	18.5
		12	0	16.78	16.65	16.72	16.78	16.67	18.5
		12	6	16.85	16.62	16.88	16.66	16.83	18.5
		12	13	17.00	16.51	16.68	16.61	16.78	18.5
		25	0	16.91	16.51	16.91	16.69	16.70	18.5

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BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	13.89	13.88	13.75	15.5
		1	50	14.12	**14.16**	13.97	15.5
		1	99	14.10	14.08	13.95	15.5
		50	0	13.85	13.88	13.88	15.5
		50	25	13.95	13.97	13.93	15.5
		50	50	13.92	13.94	13.80	15.5
		100	0	13.94	13.99	13.76	15.5
	16QAM	1	0	13.81	13.70	13.79	15.5
		1	50	14.04	14.00	14.02	15.5
		1	99	13.86	13.91	13.80	15.5
		50	0	13.88	13.87	13.88	15.5
		50	25	13.87	13.94	13.86	15.5
		50	50	13.87	13.93	13.71	15.5
		100	0	13.88	13.93	13.73	15.5
	64QAM	1	0	13.67	13.68	13.67	15.5
		1	50	13.89	14.04	13.94	15.5
		1	99	13.77	13.82	13.72	15.5
		50	0	13.82	13.81	13.86	15.5
		50	25	13.87	13.89	13.79	15.5
		50	50	13.91	13.81	13.76	15.5
		100	0	13.88	13.87	13.82	15.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	13.86	13.83	13.70	15.5
		1	37	14.10	14.10	13.83	15.5
		1	74	13.95	13.98	13.84	15.5
		36	0	13.77	13.78	13.77	15.5
		36	19	13.92	13.83	13.78	15.5
		36	39	13.83	13.90	13.75	15.5
		75	0	13.88	13.93	13.67	15.5
	16QAM	1	0	13.66	13.59	13.64	15.5
		1	37	13.90	13.94	13.96	15.5
		1	74	13.71	13.79	13.70	15.5
		36	0	13.78	13.77	13.84	15.5
		36	19	13.77	13.81	13.73	15.5
		36	39	13.72	13.79	13.66	15.5
		75	0	13.74	13.89	13.67	15.5
	64QAM	1	0	13.62	13.53	13.60	15.5
		1	37	13.85	13.94	13.84	15.5
		1	74	13.63	13.72	13.64	15.5
		36	0	13.78	13.72	13.81	15.5
		36	19	13.78	13.79	13.66	15.5
		36	39	13.85	13.66	13.70	15.5
		75	0	13.73	13.79	13.77	15.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	13.80	13.83	13.64	15.5
		1	24	14.00	14.14	13.84	15.5
		1	49	13.95	13.99	13.92	15.5
		25	0	13.73	13.83	13.87	15.5
		25	12	13.94	13.95	13.84	15.5
		25	25	13.91	13.85	13.77	15.5
		50	0	13.92	13.95	13.65	15.5
	16QAM	1	0	13.74	13.62	13.69	15.5
		1	24	13.90	13.92	13.92	15.5
		1	49	13.85	13.77	13.72	15.5
		25	0	13.76	13.86	13.78	15.5
		25	12	13.83	13.84	13.73	15.5
		25	25	13.73	13.91	13.60	15.5
		50	0	13.76	13.89	13.68	15.5
	64QAM	1	0	13.60	13.58	13.55	15.5
		1	24	13.82	14.00	13.92	15.5
		1	49	13.62	13.71	13.68	15.5
		25	0	13.68	13.77	13.71	15.5
		25	12	13.84	13.81	13.75	15.5
		25	25	13.90	13.71	13.63	15.5
		50	0	13.84	13.74	13.76	15.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	13.77	13.87	13.74	15.5
		1	12	14.06	14.03	13.92	15.5
		1	24	14.08	14.01	13.91	15.5
		12	0	13.75	13.84	13.83	15.5
		12	6	13.94	13.87	13.82	15.5
		12	13	13.83	13.92	13.73	15.5
		25	0	13.82	13.95	13.61	15.5
	16QAM	1	0	13.79	13.58	13.74	15.5
		1	12	13.95	13.96	13.97	15.5
		1	24	13.79	13.82	13.72	15.5
		12	0	13.75	13.79	13.87	15.5
		12	6	13.81	13.80	13.74	15.5
		12	13	13.73	13.79	13.61	15.5
		25	0	13.80	13.81	13.59	15.5
	64QAM	1	0	13.63	13.66	13.57	15.5
		1	12	13.81	13.98	13.89	15.5
		1	24	13.75	13.74	13.71	15.5
		12	0	13.80	13.73	13.76	15.5
		12	6	13.79	13.75	13.69	15.5
		12	13	13.82	13.72	13.62	15.5
		25	0	13.87	13.83	13.68	15.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	13.82	13.84	13.60	15.5
		1	7	14.07	14.06	13.93	15.5
		1	14	13.99	14.04	13.82	15.5
		8	0	13.78	13.73	13.74	15.5
		8	3	13.85	13.89	13.91	15.5
		8	7	13.87	13.91	13.71	15.5
		15	0	13.81	13.87	13.66	15.5
	16QAM	1	0	13.67	13.58	13.69	15.5
		1	7	14.01	13.92	13.99	15.5
		1	14	13.74	13.81	13.69	15.5
		8	0	13.85	13.80	13.74	15.5
		8	3	13.73	13.82	13.79	15.5
		8	7	13.76	13.87	13.68	15.5
		15	0	13.84	13.80	13.62	15.5
	64QAM	1	0	13.65	13.57	13.53	15.5
		1	7	13.87	13.89	13.81	15.5
		1	14	13.75	13.70	13.57	15.5
		8	0	13.79	13.77	13.73	15.5
		8	3	13.77	13.85	13.73	15.5
		8	7	13.87	13.71	13.61	15.5
		15	0	13.73	13.81	13.73	15.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	13.82	13.77	13.60	15.5
		1	2	14.00	14.08	13.95	15.5
		1	5	14.03	13.97	13.82	15.5
		3	0	13.76	13.81	13.75	15.5
		3	1	13.85	13.92	13.92	15.5
		3	3	13.77	13.85	13.76	15.5
		6	0	13.81	13.89	13.67	15.5
	16QAM	1	0	13.76	13.63	13.75	15.5
		1	2	13.93	13.91	13.95	15.5
		1	5	13.81	13.88	13.66	15.5
		3	0	13.74	13.80	13.77	15.5
		3	1	13.81	13.90	13.81	15.5
		3	3	13.76	13.91	13.57	15.5
		6	0	13.80	13.89	13.58	15.5
	64QAM	1	0	13.65	13.53	13.61	15.5
		1	2	13.88	13.91	13.88	15.5
		1	5	13.68	13.78	13.69	15.5
		3	0	13.77	13.69	13.85	15.5
		3	1	13.76	13.81	13.72	15.5
		3	3	13.89	13.73	13.65	15.5
		6	0	13.80	13.80	13.71	15.5

LTE DSI-2
Ant4

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	20.95	20.86	20.90	22.5
		1	50	21.11	21.07	21.03	22.5
		1	99	21.04	21.05	20.97	22.5
		50	0	20.72	20.88	20.76	22.5
		50	25	20.97	20.89	20.85	22.5
		50	50	20.73	20.84	20.81	22.5
		100	0	20.96	20.88	20.67	22.5
	16QAM	1	0	20.79	20.83	20.81	22.5
		1	50	20.97	21.05	21.00	22.5
		1	99	20.80	20.60	20.74	22.5
		50	0	20.81	20.96	20.78	22.5
		50	25	20.82	20.95	20.90	22.5
		50	50	20.86	20.94	20.62	22.5
		100	0	20.86	21.02	20.65	22.5
	64QAM	1	0	20.98	20.68	20.63	22.5
		1	50	21.05	20.79	20.64	22.5
		1	99	20.66	20.71	20.85	22.5
		50	0	20.64	20.89	20.68	22.5
		50	25	20.88	21.00	20.94	22.5
		50	50	20.84	20.87	20.69	22.5
		100	0	20.70	20.96	20.82	22.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	20.89	20.71	20.87	22.5
		1	37	21.01	20.98	21.01	22.5
		1	74	21.01	20.95	20.87	22.5
		36	0	20.59	20.78	20.66	22.5
		36	19	20.91	20.78	20.71	22.5
		36	39	20.58	20.69	20.66	22.5
		75	0	20.89	20.80	20.58	22.5
	16QAM	1	0	20.70	20.68	20.68	22.5
		1	37	20.85	20.92	20.90	22.5
		1	74	20.69	20.52	20.70	22.5
		36	0	20.69	20.82	20.71	22.5
		36	19	20.74	20.92	20.88	22.5
		36	39	20.73	20.88	20.56	22.5
		75	0	20.73	20.92	20.52	22.5
	64QAM	1	0	20.84	20.61	20.53	22.5
		1	37	21.04	20.67	20.51	22.5
		1	74	20.65	20.63	20.78	22.5
		36	0	20.53	20.80	20.59	22.5
		36	19	20.81	20.90	20.81	22.5
		36	39	20.69	20.77	20.60	22.5
		75	0	20.57	20.83	20.78	22.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	20.88	20.73	20.80	22.5
		1	24	21.05	20.98	20.99	22.5
		1	49	20.95	20.99	20.90	22.5
		25	0	20.68	20.84	20.70	22.5
		25	12	20.87	20.78	20.71	22.5
		25	25	20.69	20.81	20.67	22.5
		50	0	20.86	20.84	20.60	22.5
	16QAM	1	0	20.72	20.80	20.77	22.5
		1	24	20.95	20.90	20.86	22.5
		1	49	20.72	20.58	20.63	22.5
		25	0	20.68	20.87	20.64	22.5
		25	12	20.70	20.93	20.77	22.5
		25	25	20.83	20.80	20.61	22.5
		50	0	20.84	20.98	20.58	22.5
	64QAM	1	0	20.88	20.56	20.59	22.5
		1	24	20.91	20.72	20.58	22.5
		1	49	20.63	20.69	20.78	22.5
		25	0	20.57	20.77	20.56	22.5
		25	12	20.83	20.86	20.82	22.5
		25	25	20.76	20.84	20.65	22.5
		50	0	20.61	20.90	20.68	22.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	20.89	20.83	20.85	22.5
		1	12	21.03	20.97	20.99	22.5
		1	24	20.99	20.98	20.95	22.5
		12	0	20.67	20.79	20.62	22.5
		12	6	20.96	20.76	20.80	22.5
		12	13	20.72	20.74	20.74	22.5
		25	0	20.92	20.75	20.58	22.5
	16QAM	1	0	20.69	20.78	20.74	22.5
		1	12	20.88	21.01	20.91	22.5
		1	24	20.72	20.54	20.66	22.5
		12	0	20.74	20.88	20.64	22.5
		12	6	20.78	20.86	20.86	22.5
		12	13	20.80	20.92	20.59	22.5
		25	0	20.85	21.00	20.53	22.5
	64QAM	1	0	20.91	20.57	20.55	22.5
		1	12	21.03	20.76	20.63	22.5
		1	24	20.62	20.56	20.74	22.5
		12	0	20.54	20.77	20.54	22.5
		12	6	20.81	20.92	20.87	22.5
		12	13	20.80	20.80	20.65	22.5
		25	0	20.56	20.86	20.69	22.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	20.89	20.84	20.75	22.5
		1	7	21.05	21.04	20.90	22.5
		1	14	20.94	20.94	20.96	22.5
		8	0	20.63	20.75	20.70	22.5
		8	3	20.85	20.86	20.73	22.5
		8	7	20.67	20.80	20.80	22.5
		15	0	20.91	20.75	20.55	22.5
	16QAM	1	0	20.69	20.77	20.69	22.5
		1	7	20.93	20.97	20.94	22.5
		1	14	20.71	20.79	20.66	22.5
		8	0	20.75	20.91	20.69	22.5
		8	3	20.67	20.85	20.79	22.5
		8	7	20.73	20.88	20.53	22.5
		15	0	20.73	20.94	20.58	22.5
	64QAM	1	0	20.92	20.62	20.57	22.5
		1	7	21.01	20.70	20.58	22.5
		1	14	20.55	20.57	20.83	22.5
		8	0	20.55	20.75	20.64	22.5
		8	3	20.75	20.91	20.83	22.5
		8	7	20.71	20.80	20.66	22.5
		15	0	20.64	20.88	20.72	22.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	20.85	20.75	20.77	22.5
		1	2	21.07	21.06	20.96	22.5
		1	5	20.94	21.03	20.85	22.5
		3	0	20.65	20.74	20.70	22.5
		3	1	20.90	20.87	20.82	22.5
		3	3	20.63	20.82	20.72	22.5
		6	0	20.87	20.74	20.62	22.5
	16QAM	1	0	20.73	20.79	20.74	22.5
		1	2	20.88	20.91	20.92	22.5
		1	5	20.73	20.55	20.67	22.5
		3	0	20.77	20.92	20.76	22.5
		3	1	20.75	20.92	20.83	22.5
		3	3	20.81	20.81	20.55	22.5
		6	0	20.74	20.95	20.63	22.5
	64QAM	1	0	20.88	20.58	20.89	22.5
		1	2	21.03	20.74	20.51	22.5
		1	5	20.55	20.58	20.70	22.5
		3	0	20.54	20.74	20.64	22.5
		3	1	20.83	20.90	20.88	22.5
		3	3	20.74	20.76	20.62	22.5
		6	0	20.64	20.91	20.72	22.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	20.97	21.06	20.91	22.5
		1	50	21.12	21.09	21.27	22.5
		1	99	21.01	20.84	20.71	22.5
		50	0	20.70	20.81	20.71	22.5
		50	25	20.95	20.93	20.97	22.5
		50	50	20.69	20.75	20.79	22.5
		100	0	20.87	20.91	20.80	22.5
	16QAM	1	0	20.81	21.00	20.98	22.5
		1	50	20.84	20.92	20.94	22.5
		1	99	20.76	20.90	21.11	22.5
		50	0	20.76	20.72	20.88	22.5
		50	25	20.76	20.92	20.99	22.5
		50	50	20.74	20.91	20.83	22.5
		100	0	20.75	20.79	20.75	22.5
	64QAM	1	0	20.81	21.01	20.78	22.5
		1	50	20.83	20.90	21.01	22.5
		1	99	20.85	20.93	20.82	22.5
		50	0	20.90	20.81	21.01	22.5
		50	25	20.80	21.04	20.97	22.5
		50	50	21.03	20.96	20.78	22.5
		100	0	20.87	21.12	20.93	22.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	20.93	21.04	20.89	22.5
		1	37	21.10	20.99	21.15	22.5
		1	74	20.98	20.83	20.70	22.5
		36	0	20.68	20.72	20.64	22.5
		36	19	20.88	20.88	20.87	22.5
		36	39	20.59	20.68	20.74	22.5
		75	0	20.75	20.81	20.77	22.5
	16QAM	1	0	20.66	20.98	20.94	22.5
		1	37	20.72	20.80	20.82	22.5
		1	74	20.63	20.86	21.07	22.5
		36	0	20.70	20.66	20.86	22.5
		36	19	20.72	20.84	20.88	22.5
		36	39	20.65	20.88	20.82	22.5
		75	0	20.63	20.77	20.74	22.5
	64QAM	1	0	20.68	20.87	20.70	22.5
		1	37	20.79	20.87	20.99	22.5
		1	74	20.74	20.85	20.69	22.5
		36	0	20.78	20.66	20.99	22.5
		36	19	20.67	20.93	20.95	22.5
		36	39	21.01	20.91	20.72	22.5
		75	0	20.77	21.03	20.85	22.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	20.94	20.96	20.83	22.5
		1	24	21.11	21.07	21.17	22.5
		1	49	20.93	20.75	20.63	22.5
		25	0	20.66	20.75	20.70	22.5
		25	12	20.80	20.85	20.92	22.5
		25	25	20.55	20.60	20.66	22.5
		50	0	20.72	20.82	20.68	22.5
	16QAM	1	0	20.73	20.95	20.83	22.5
		1	24	20.80	20.83	20.80	22.5
		1	49	20.71	20.76	21.01	22.5
		25	0	20.63	20.59	20.77	22.5
		25	12	20.75	20.88	20.97	22.5
		25	25	20.65	20.87	20.82	22.5
		50	0	20.61	20.71	20.68	22.5
	64QAM	1	0	20.67	21.00	20.67	22.5
		1	24	20.81	20.88	20.88	22.5
		1	49	20.72	20.82	20.77	22.5
		25	0	20.82	20.76	20.88	22.5
		25	12	20.65	20.97	20.92	22.5
		25	25	20.94	20.93	20.74	22.5
		50	0	20.86	21.08	20.91	22.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	20.91	21.02	20.90	22.5
		1	12	20.97	20.95	21.18	22.5
		1	24	20.94	20.78	20.63	22.5
		12	0	20.68	20.70	20.61	22.5
		12	6	20.81	20.78	20.92	22.5
		12	13	20.60	20.64	20.66	22.5
		25	0	20.80	20.76	20.77	22.5
	16QAM	1	0	20.70	20.87	20.96	22.5
		1	12	20.83	20.89	20.86	22.5
		1	24	20.67	20.83	20.97	22.5
		12	0	20.75	20.66	20.84	22.5
		12	6	20.62	20.85	20.96	22.5
		12	13	20.71	20.86	20.81	22.5
		25	0	20.70	20.72	20.71	22.5
	64QAM	1	0	20.67	20.98	20.73	22.5
		1	12	20.70	20.81	20.91	22.5
		1	24	20.71	20.81	20.69	22.5
		12	0	20.88	20.71	21.00	22.5
		12	6	20.71	21.00	20.92	22.5
		12	13	20.97	20.82	20.70	22.5
		25	0	20.84	21.03	20.83	22.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	20.88	21.03	20.88	22.5
		1	7	21.04	20.99	21.25	22.5
		1	14	20.96	20.77	20.69	22.5
		8	0	20.57	20.71	20.62	22.5
		8	3	20.92	20.83	20.92	22.5
		8	7	20.61	20.65	20.72	22.5
		15	0	20.80	20.84	20.72	22.5
	16QAM	1	0	20.74	20.88	20.86	22.5
		1	7	20.74	20.81	20.90	22.5
		1	14	20.72	20.79	21.03	22.5
		8	0	20.69	20.70	20.75	22.5
		8	3	20.72	20.80	20.91	22.5
		8	7	20.59	20.78	20.71	22.5
		15	0	20.74	20.78	20.74	22.5
	64QAM	1	0	20.73	20.86	20.63	22.5
		1	7	20.74	20.77	20.98	22.5
		1	14	20.74	20.92	20.72	22.5
		8	0	20.77	20.73	20.99	22.5
		8	3	20.76	20.92	20.85	22.5
		8	7	20.89	20.93	20.67	22.5
		15	0	20.75	21.03	20.85	22.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	20.88	21.04	20.90	22.5
		1	2	21.07	21.01	21.23	22.5
		1	5	20.87	20.80	21.00	22.5
		3	0	20.60	20.67	20.70	22.5
		3	1	20.90	20.78	20.83	22.5
		3	3	20.59	20.67	20.69	22.5
		6	0	20.76	20.77	20.71	22.5
	16QAM	1	0	20.79	20.99	20.95	22.5
		1	2	20.73	20.84	20.92	22.5
		1	5	20.67	20.77	21.10	22.5
		3	0	20.74	20.59	20.81	22.5
		3	1	20.66	20.90	20.98	22.5
		3	3	20.63	20.83	20.77	22.5
		6	0	20.65	20.77	20.65	22.5
	64QAM	1	0	20.68	20.98	20.87	22.5
		1	2	20.82	20.88	21.00	22.5
		1	5	20.70	20.79	20.72	22.5
		3	0	20.84	20.78	20.99	22.5
		3	1	20.75	20.96	20.94	22.5
		3	3	20.90	20.90	20.66	22.5
		6	0	20.78	21.11	20.85	22.5

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.05	24.04	24.11	25.5
		1	24	24.20	24.13	24.21	25.5
		1	49	24.12	23.96	24.14	25.5
		25	0	23.14	23.12	23.07	24.5
		25	12	23.15	23.14	23.22	24.5
		25	25	23.09	23.07	23.18	24.5
		50	0	23.12	23.10	23.14	24.5
	16QAM	1	0	23.33	23.31	23.30	24.5
		1	24	23.50	23.33	23.47	24.5
		1	49	23.26	23.30	23.38	24.5
		25	0	22.19	22.19	22.14	23.5
		25	12	22.20	22.15	22.28	23.5
		25	25	22.17	22.16	22.22	23.5
		50	0	22.16	22.18	22.18	23.5
	64QAM	1	0	22.27	22.28	22.28	23.5
		1	24	22.36	22.34	22.56	23.5
		1	49	22.32	22.24	22.37	23.5
		25	0	21.15	21.12	21.13	22.5
		25	12	21.18	21.17	21.21	22.5
		25	25	21.14	21.20	21.20	22.5
		50	0	21.17	21.22	21.17	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.95	23.97	24.01	25.5
		1	12	24.15	24.03	24.07	25.5
		1	24	24.02	23.84	24.10	25.5
		12	0	23.05	23.06	23.04	24.5
		12	6	23.05	23.00	23.09	24.5
		12	13	23.08	23.06	23.17	24.5
		25	0	23.10	23.00	23.13	24.5
	16QAM	1	0	23.31	23.30	23.18	24.5
		1	12	23.38	23.24	23.44	24.5
		1	24	23.21	23.19	23.37	24.5
		12	0	22.10	22.05	22.10	23.5
		12	6	22.18	22.09	22.27	23.5
		12	13	22.07	22.13	22.12	23.5
		25	0	22.04	22.05	22.14	23.5
	64QAM	1	0	22.23	22.25	22.25	23.5
		1	12	22.22	22.30	22.46	23.5
		1	24	22.23	22.16	22.29	23.5
		12	0	21.07	21.08	21.03	22.5
		12	6	21.17	21.08	21.19	22.5
		12	13	21.03	21.05	21.06	22.5
		25	0	21.11	21.15	21.05	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.00	23.98	23.98	25.5
		1	7	24.09	23.98	24.07	25.5
		1	14	24.10	23.87	24.08	25.5
		8	0	23.12	23.09	22.99	24.5
		8	3	23.06	22.99	23.18	24.5
		8	7	23.03	23.03	23.16	24.5
		15	0	23.06	22.98	23.06	24.5
	16QAM	1	0	23.26	23.19	23.20	24.5
		1	7	23.42	23.24	23.42	24.5
		1	14	23.13	23.27	23.34	24.5
		8	0	22.11	22.11	22.07	23.5
		8	3	22.13	22.04	22.24	23.5
		8	7	22.14	22.05	22.08	23.5
		15	0	22.14	22.15	22.03	23.5
	64QAM	1	0	22.22	22.22	22.24	23.5
		1	7	22.25	22.23	22.55	23.5
		1	14	22.29	22.23	22.29	23.5
		8	0	21.06	21.02	21.05	22.5
		8	3	21.17	21.09	21.12	22.5
		8	7	21.08	21.16	21.18	22.5
		15	0	21.14	21.07	21.14	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.04	23.99	24.06	25.5
		1	2	24.15	23.98	24.20	25.5
		1	5	23.97	23.84	24.06	25.5
		3	0	24.11	24.10	23.98	25.5
		3	1	24.07	24.08	24.11	25.5
		3	3	24.08	24.00	24.16	25.5
		6	0	23.08	23.03	23.08	24.5
	16QAM	1	0	23.25	23.28	23.27	24.5
		1	2	23.40	23.31	23.46	24.5
		1	5	23.24	23.19	23.26	24.5
		3	0	23.08	23.04	23.00	24.5
		3	1	23.10	23.06	23.26	24.5
		3	3	23.06	23.09	23.16	24.5
		6	0	22.10	22.15	22.06	23.5
	64QAM	1	0	22.23	22.24	22.23	23.5
		1	2	22.21	22.28	22.42	23.5
		1	5	22.23	22.23	22.22	23.5
		3	0	22.07	22.10	22.03	23.5
		3	1	22.16	22.04	22.12	23.5
		3	3	22.13	22.11	22.16	23.5
		6	0	21.05	21.20	21.14	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	21.80	21.89	21.75	23.5
		1	50	**21.97**	21.93	21.89	23.5
		1	99	21.85	21.87	21.83	23.5
		50	0	21.70	21.69	21.70	23.5
		50	25	21.81	21.84	21.71	23.5
		50	50	21.89	21.86	21.88	23.5
		100	0	21.87	21.72	21.84	23.5
	16QAM	1	0	21.84	21.71	21.86	23.5
		1	50	21.80	21.86	21.77	23.5
		1	99	21.91	21.69	21.65	23.5
		50	0	21.35	21.28	21.37	23
		50	25	21.40	21.23	21.16	23
		50	50	21.49	21.17	21.22	23
		100	0	21.40	21.35	21.23	23
	64QAM	1	0	21.38	21.23	21.20	23
		1	50	21.42	21.21	21.37	23
		1	99	21.26	21.15	21.32	23
		50	0	20.20	20.31	20.23	22
		50	25	20.26	20.34	20.37	22
		50	50	20.38	20.19	20.32	22
		100	0	20.23	20.24	20.23	22
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	21.66	21.84	21.63	23.5
		1	37	21.86	21.80	21.84	23.5
		1	74	21.72	21.75	21.75	23.5
		36	0	21.55	21.63	21.66	23.5
		36	19	21.78	21.74	21.63	23.5
		36	39	21.82	21.74	21.85	23.5
		75	0	21.78	21.58	21.73	23.5
	16QAM	1	0	21.78	21.60	21.71	23.5
		1	37	21.68	21.85	21.70	23.5
		1	74	21.81	21.63	21.64	23.5
		36	0	21.24	21.23	21.24	23
		36	19	21.31	21.12	21.03	23
		36	39	21.35	21.06	21.10	23
		75	0	21.31	21.23	21.08	23
	64QAM	1	0	21.23	21.08	21.12	23
		1	37	21.31	21.06	21.34	23
		1	74	21.23	21.04	21.23	23
		36	0	20.10	20.26	20.21	22
		36	19	20.23	20.19	20.28	22
		36	39	20.29	20.05	20.20	22
		75	0	20.15	20.22	20.19	22
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	21.78	21.81	21.74	23.5
		1	24	21.86	21.85	21.80	23.5
		1	49	21.76	21.78	21.81	23.5
		25	0	21.60	21.55	21.57	23.5
		25	12	21.73	21.70	21.69	23.5
		25	25	21.80	21.75	21.74	23.5
		50	0	21.83	21.60	21.73	23.5
	16QAM	1	0	21.77	21.58	21.71	23.5
		1	24	21.79	21.78	21.64	23.5
		1	49	21.87	21.56	21.61	23.5
		25	0	21.25	21.13	21.25	23
		25	12	21.25	21.14	21.14	23
		25	25	21.37	21.07	21.08	23
		50	0	21.32	21.21	21.21	23
	64QAM	1	0	21.30	21.20	21.11	23
		1	24	21.40	21.08	21.35	23
		1	49	21.19	21.11	21.21	23
		25	0	20.11	20.20	20.16	22
		25	12	20.14	20.24	20.35	22
		25	25	20.25	20.15	20.18	22
		50	0	20.08	20.22	20.22	22
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	21.71	21.81	21.70	23.5
		1	12	21.96	21.79	21.79	23.5
		1	24	21.74	21.86	21.71	23.5
		12	0	21.56	21.61	21.61	23.5
		12	6	21.79	21.83	21.56	23.5
		12	13	21.81	21.79	21.73	23.5
		25	0	21.84	21.60	21.69	23.5
	16QAM	1	0	21.74	21.61	21.74	23.5
		1	12	21.66	21.84	21.69	23.5
		1	24	21.76	21.57	21.53	23.5
		12	0	21.31	21.22	21.36	23
		12	6	21.30	21.08	21.10	23
		12	13	21.46	21.06	21.21	23
		25	0	21.32	21.25	21.09	23
	64QAM	1	0	21.28	21.08	21.10	23
		1	12	21.40	21.10	21.22	23
		1	24	21.11	21.01	21.23	23
		12	0	20.05	20.19	20.15	22
		12	6	20.21	20.19	20.22	22
		12	13	20.31	20.18	20.19	22
		25	0	20.12	20.13	20.09	22

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.21	23.17	23.18	25
		1	50	23.41	**23.48**	23.37	25
		1	99	23.25	23.16	23.14	25
		50	0	22.17	22.35	22.25	24
		50	25	22.34	22.37	22.27	24
		50	50	22.33	22.27	22.16	24
		100	0	22.33	22.36	22.26	24
	16QAM	1	0	22.18	22.30	22.29	24
		1	50	22.56	22.60	22.44	24
		1	99	22.21	22.35	22.16	24
		50	0	21.33	21.42	21.39	23
		50	25	21.41	21.44	21.36	23
		50	50	21.40	21.36	21.22	23
		100	0	21.36	21.37	21.32	23
	64QAM	1	0	21.18	21.15	21.23	23
		1	50	21.21	21.33	21.29	23
		1	99	21.17	21.16	21.15	23
		50	0	20.26	20.36	20.30	22
		50	25	20.37	20.38	20.31	22
		50	50	20.31	20.28	20.16	22
		100	0	20.33	20.35	20.25	22
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.17	23.05	23.12	25
		1	37	23.30	23.46	23.33	25
		1	74	23.15	23.11	23.05	25
		36	0	22.10	22.25	22.20	24
		36	19	22.25	22.33	22.23	24
		36	39	22.26	22.15	22.14	24
		75	0	22.31	22.23	22.11	24
	16QAM	1	0	22.14	22.17	22.23	24
		1	37	22.41	22.49	22.41	24
		1	74	22.13	22.25	22.06	24
		36	0	21.23	21.40	21.30	23
		36	19	21.38	21.36	21.29	23
		36	39	21.34	21.28	21.21	23
		75	0	21.27	21.24	21.31	23
	64QAM	1	0	21.07	21.13	21.21	23
		1	37	21.18	21.31	21.14	23
		1	74	21.02	21.13	21.02	23
		36	0	20.25	20.21	20.16	22
		36	19	20.24	20.30	20.21	22
		36	39	20.19	20.24	20.04	22
		75	0	20.24	20.26	20.11	22
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.13	23.10	23.14	25
		1	24	23.40	23.38	23.23	25
		1	49	23.20	23.12	23.01	25
		25	0	22.02	22.29	22.14	24
		25	12	22.20	22.22	22.25	24
		25	25	22.21	22.25	22.14	24
		50	0	22.24	22.24	22.12	24
	16QAM	1	0	22.07	22.25	22.14	24
		1	24	22.43	22.50	22.38	24
		1	49	22.06	22.34	22.10	24
		25	0	21.21	21.28	21.24	23
		25	12	21.40	21.43	21.21	23
		25	25	21.31	21.33	21.07	23
		50	0	21.23	21.30	21.24	23
	64QAM	1	0	21.17	21.01	21.19	23
		1	24	21.10	21.26	21.22	23
		1	49	21.10	21.09	21.01	23
		25	0	20.12	20.29	20.28	22
		25	12	20.24	20.35	20.22	22
		25	25	20.30	20.24	20.14	22
		50	0	20.25	20.22	20.11	22
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.19	23.13	23.13	25
		1	12	23.40	23.33	23.30	25
		1	24	23.18	23.13	23.08	25
		12	0	22.15	22.32	22.17	24
		12	6	22.28	22.23	22.12	24
		12	13	22.32	22.14	22.03	24
		25	0	22.31	22.33	22.18	24
	16QAM	1	0	22.10	22.23	22.21	24
		1	12	22.41	22.58	22.43	24
		1	24	22.19	22.24	22.08	24
		12	0	21.20	21.27	21.27	23
		12	6	21.38	21.37	21.26	23
		12	13	21.34	21.27	21.18	23
		25	0	21.22	21.31	21.24	23
	64QAM	1	0	21.07	21.09	21.09	23
		1	12	21.13	21.19	21.24	23
		1	24	21.07	21.10	21.05	23
		12	0	20.22	20.29	20.20	22
		12	6	20.24	20.24	20.19	22
		12	13	20.16	20.20	20.14	22
		25	0	20.31	20.22	20.10	22

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	23.52	23.36	23.43	23.28	23.20	25
		1	50	**23.73**	23.58	23.70	23.60	23.62	25
		1	99	23.26	23.23	23.32	23.31	23.19	25
		50	0	22.56	22.52	22.59	22.53	22.39	24
		50	25	22.62	22.54	22.61	22.49	22.52	24
		50	50	22.61	22.51	22.60	22.47	22.46	24
		100	0	22.66	22.56	22.64	22.63	22.57	24
	16QAM	1	0	22.60	22.53	22.55	22.48	22.53	24
		1	50	22.80	22.68	22.79	22.69	22.89	24
		1	99	22.37	22.22	22.35	22.22	22.52	24
		50	0	21.59	21.56	21.65	21.61	21.56	23
		50	25	21.65	21.62	21.67	21.58	21.49	23
		50	50	21.69	21.56	21.62	21.48	21.48	23
		100	0	21.70	21.58	21.66	21.58	21.51	23
	64QAM	1	0	21.31	21.21	21.21	21.17	21.22	23
		1	50	21.44	21.26	21.34	21.22	21.27	23
		1	99	21.22	21.20	21.24	21.19	21.19	23
		50	0	20.56	20.52	20.61	20.60	20.37	22
		50	25	20.64	20.55	20.59	20.45	20.42	22
		50	50	20.63	20.45	20.58	20.53	20.43	22
		100	0	20.65	20.48	20.63	20.51	20.50	22
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.46	23.22	23.39	23.22	23.11	25
		1	37	23.59	23.57	23.68	23.57	23.51	25
		1	74	23.14	23.18	23.27	23.27	23.17	25
		36	0	22.44	22.39	22.45	22.44	22.31	24
		36	19	22.57	22.43	22.57	22.36	22.40	24
		36	39	22.51	22.40	22.55	22.41	22.45	24
		75	0	22.52	22.52	22.63	22.55	22.53	24
	16QAM	1	0	22.52	22.44	22.54	22.34	22.39	24
		1	37	22.70	22.63	22.65	22.66	22.84	24
		1	74	22.32	22.14	22.34	22.11	22.38	24
		36	0	21.53	21.53	21.51	21.60	21.43	23
		36	19	21.64	21.55	21.56	21.52	21.36	23
		36	39	21.65	21.44	21.54	21.43	21.35	23
		75	0	21.57	21.48	21.54	21.47	21.38	23
	64QAM	1	0	21.16	21.13	21.07	21.05	21.08	23
		1	37	21.29	21.23	21.27	21.19	21.18	23
		1	74	21.07	21.14	21.21	21.13	21.10	23
		36	0	20.44	20.45	20.55	20.54	20.34	22
		36	19	20.61	20.41	20.48	20.44	20.31	22
		36	39	20.50	20.43	20.56	20.43	20.40	22
		75	0	20.63	20.40	20.61	20.39	20.35	22
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.50	23.32	23.33	23.14	23.06	25
		1	24	23.64	23.54	23.64	23.50	23.57	25
		1	49	23.23	23.15	23.19	23.17	23.05	25
		25	0	22.45	22.38	22.49	22.43	22.25	24
		25	12	22.51	22.46	22.49	22.35	22.49	24
		25	25	22.57	22.38	22.45	22.38	22.44	24
		50	0	22.64	22.47	22.61	22.49	22.46	24
	16QAM	1	0	22.52	22.48	22.44	22.46	22.38	24
		1	24	22.78	22.65	22.64	22.55	22.78	24
		1	49	22.35	22.15	22.31	22.11	22.39	24
		25	0	21.47	21.53	21.64	21.54	21.44	23
		25	12	21.64	21.47	21.59	21.56	21.37	23
		25	25	21.61	21.44	21.49	21.41	21.38	23
		50	0	21.56	21.56	21.65	21.53	21.44	23
	64QAM	1	0	21.27	21.16	21.16	21.06	21.12	23
		1	24	21.30	21.12	21.24	21.08	21.21	23
		1	49	21.09	21.05	21.12	21.14	21.07	23
		25	0	20.48	20.39	20.51	20.57	20.29	22
		25	12	20.61	20.51	20.47	20.39	20.39	22
		25	25	20.49	20.40	20.56	20.47	20.32	22
		50	0	20.58	20.43	20.55	20.42	20.43	22
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.40	23.23	23.35	23.22	23.14	25
		1	12	23.69	23.54	23.69	23.49	23.57	25
		1	24	23.18	23.20	23.18	23.28	23.04	25
		12	0	22.54	22.51	22.50	22.42	22.35	24
		12	6	22.61	22.44	22.49	22.46	22.44	24
		12	13	22.47	22.38	22.49	22.45	22.41	24
		25	0	22.60	22.51	22.56	22.57	22.45	24
	16QAM	1	0	22.56	22.42	22.52	22.42	22.44	24
		1	12	22.65	22.53	22.75	22.66	22.77	24
		1	24	22.24	22.14	22.31	22.09	22.46	24
		12	0	21.55	21.47	21.54	21.60	21.51	23
		12	6	21.52	21.51	21.56	21.57	21.34	23
		12	13	21.62	21.55	21.60	21.44	21.44	23
		25	0	21.56	21.57	21.56	21.43	21.43	23
	64QAM	1	0	21.20	21.15	21.12	21.11	21.11	23
		1	12	21.34	21.21	21.26	21.08	21.17	23
		1	24	21.07	21.09	21.22	21.14	21.16	23
		12	0	20.53	20.45	20.51	20.46	20.35	22
		12	6	20.52	20.43	20.52	20.30	20.36	22
		12	13	20.56	20.35	20.56	20.51	20.34	22
		25	0	20.62	20.42	20.62	20.45	20.48	22

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	20.88	20.93	20.87	22.5
		1	50	21.09	**21.14**	21.12	22.5
		1	99	20.92	20.79	20.73	22.5
		50	0	20.67	20.74	20.77	22.5
		50	25	20.86	20.98	20.94	22.5
		50	50	20.72	20.79	20.85	22.5
		100	0	20.80	20.95	20.74	22.5
	16QAM	1	0	20.73	20.62	20.87	22.5
		1	50	20.96	20.93	20.98	22.5
		1	99	20.66	20.76	20.95	22.5
		50	0	20.72	20.68	20.74	22.5
		50	25	20.73	20.79	20.83	22.5
		50	50	20.67	20.76	20.77	22.5
		100	0	20.73	20.70	20.67	22.5
	64QAM	1	0	20.81	20.95	20.78	22.5
		1	50	20.85	20.91	20.93	22.5
		1	99	20.68	20.86	20.65	22.5
		50	0	20.87	20.83	20.89	22.5
		50	25	20.85	21.03	20.89	22.5
		50	50	20.95	20.85	20.75	22.5
		100	0	20.88	20.93	20.83	22.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	20.83	20.92	20.79	22.5
		1	37	21.00	21.10	21.01	22.5
		1	74	20.88	20.65	20.62	22.5
		36	0	20.59	20.73	20.72	22.5
		36	19	20.75	20.94	20.81	22.5
		36	39	20.57	20.69	20.76	22.5
		75	0	20.74	20.88	20.69	22.5
	16QAM	1	0	20.63	20.53	20.75	22.5
		1	37	20.87	20.81	20.87	22.5
		1	74	20.61	20.66	20.80	22.5
		36	0	20.65	20.57	20.61	22.5
		36	19	20.63	20.68	20.71	22.5
		36	39	20.52	20.71	20.68	22.5
		75	0	20.60	20.56	20.59	22.5
	64QAM	1	0	20.80	20.81	20.75	22.5
		1	37	20.80	20.88	20.84	22.5
		1	74	20.60	20.82	20.62	22.5
		36	0	20.85	20.74	20.80	22.5
		36	19	20.81	20.99	20.86	22.5
		36	39	20.88	20.74	20.65	22.5
		75	0	20.79	20.80	20.81	22.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	20.87	20.86	20.82	22.5
		1	24	20.95	21.07	20.97	22.5
		1	49	20.81	20.75	20.66	22.5
		25	0	20.58	20.65	20.67	22.5
		25	12	20.77	20.95	20.83	22.5
		25	25	20.58	20.68	20.80	22.5
		50	0	20.75	20.86	20.60	22.5
	16QAM	1	0	20.69	20.57	20.77	22.5
		1	24	20.87	20.79	20.95	22.5
		1	49	20.58	20.65	20.80	22.5
		25	0	20.71	20.53	20.71	22.5
		25	12	20.66	20.72	20.76	22.5
		25	25	20.59	20.61	20.76	22.5
		50	0	20.63	20.58	20.52	22.5
	64QAM	1	0	20.80	20.87	20.67	22.5
		1	24	20.74	20.83	20.90	22.5
		1	49	20.53	20.79	20.52	22.5
		25	0	20.82	20.82	20.81	22.5
		25	12	20.81	20.92	20.86	22.5
		25	25	20.90	20.72	20.66	22.5
		50	0	20.83	20.84	20.73	22.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	20.75	20.88	20.78	22.5
		1	12	21.02	21.01	21.02	22.5
		1	24	20.90	20.72	20.67	22.5
		12	0	20.59	20.70	20.71	22.5
		12	6	20.75	20.87	20.89	22.5
		12	13	20.62	20.64	20.77	22.5
		25	0	20.69	20.89	20.65	22.5
	16QAM	1	0	20.63	20.51	20.82	22.5
		1	12	20.83	20.86	20.87	22.5
		1	24	20.57	20.73	20.90	22.5
		12	0	20.57	20.66	20.72	22.5
		12	6	20.62	20.69	20.78	22.5
		12	13	20.65	20.73	20.72	22.5
		25	0	20.66	20.65	20.54	22.5
	64QAM	1	0	20.77	20.85	20.64	22.5
		1	12	20.77	20.90	20.80	22.5
		1	24	20.64	20.79	20.63	22.5
		12	0	20.83	20.76	20.83	22.5
		12	6	20.76	20.88	20.87	22.5
		12	13	20.92	20.71	20.73	22.5
		25	0	20.83	20.86	20.75	22.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	20.83	20.81	20.83	22.5
		1	7	20.98	21.11	21.02	22.5
		1	14	20.79	20.64	20.70	22.5
		8	0	20.62	20.72	20.69	22.5
		8	3	20.80	20.97	20.91	22.5
		8	7	20.71	20.78	20.77	22.5
		15	0	20.70	20.91	20.59	22.5
	16QAM	1	0	20.60	20.61	20.76	22.5
		1	7	20.94	20.85	20.95	22.5
		1	14	20.62	20.63	20.89	22.5
		8	0	20.62	20.57	20.66	22.5
		8	3	20.59	20.70	20.72	22.5
		8	7	20.60	20.67	20.63	22.5
		15	0	20.62	20.64	20.63	22.5
	64QAM	1	0	20.75	20.82	20.63	22.5
		1	7	20.82	20.88	20.81	22.5
		1	14	20.60	20.85	20.64	22.5
		8	0	20.83	20.69	20.83	22.5
		8	3	20.80	20.93	20.83	22.5
		8	7	20.92	20.79	20.71	22.5
		15	0	20.76	20.87	20.80	22.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	20.77	20.88	20.73	22.5
		1	2	20.96	21.01	21.07	22.5
		1	5	20.90	20.64	20.71	22.5
		3	0	20.58	20.62	20.67	22.5
		3	1	20.80	20.90	20.88	22.5
		3	3	20.58	20.75	20.76	22.5
		6	0	20.68	20.82	20.69	22.5
	16QAM	1	0	20.64	20.56	20.85	22.5
		1	2	20.93	20.82	20.92	22.5
		1	5	20.58	20.65	20.80	22.5
		3	0	20.65	20.58	20.72	22.5
		3	1	20.72	20.71	20.79	22.5
		3	3	20.64	20.68	20.76	22.5
		6	0	20.70	20.67	20.62	22.5
	64QAM	1	0	20.68	20.88	20.70	22.5
		1	2	20.77	20.82	20.81	22.5
		1	5	20.63	20.74	20.61	22.5
		3	0	20.84	20.82	20.86	22.5
		3	1	20.79	20.91	20.84	22.5
		3	3	20.92	20.82	20.74	22.5
		6	0	20.86	20.78	20.75	22.5

LTE DSI-4
Ant4

LTE Band 2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	16.90	16.93	16.84	18.5
		1	50	17.35	17.20	17.33	18.5
		1	99	16.92	16.93	17.01	18.5
		50	0	16.68	16.88	16.65	18.5
		50	25	17.01	16.90	16.84	18.5
		50	50	16.86	16.86	16.79	18.5
		100	0	16.96	16.94	16.74	18.5
	16QAM	1	0	16.67	16.64	16.89	18.5
		1	50	17.02	17.14	17.09	18.5
		1	99	16.85	16.71	16.91	18.5
		50	0	16.90	16.96	16.76	18.5
		50	25	16.97	16.95	16.90	18.5
		50	50	16.98	17.00	16.62	18.5
		100	0	16.93	17.11	16.75	18.5
	64QAM	1	0	17.07	16.68	16.75	18.5
		1	50	17.05	17.05	17.28	18.5
		1	99	16.81	16.72	16.83	18.5
		50	0	16.60	16.92	16.79	18.5
		50	25	16.85	16.96	16.97	18.5
		50	50	16.99	16.92	16.72	18.5
		100	0	16.85	17.13	16.85	18.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	16.88	16.85	16.83	18.5
		1	37	17.33	17.05	17.24	18.5
		1	74	16.84	16.88	16.97	18.5
		36	0	16.65	16.76	16.57	18.5
		36	19	16.93	16.77	16.77	18.5
		36	39	16.75	16.77	16.75	18.5
		75	0	16.88	16.79	16.72	18.5
	16QAM	1	0	16.57	16.61	16.85	18.5
		1	37	16.88	17.01	16.94	18.5
		1	74	16.78	16.69	16.80	18.5
		36	0	16.84	16.95	16.74	18.5
		36	19	16.93	16.84	16.76	18.5
		36	39	16.88	16.85	16.61	18.5
		75	0	16.84	17.02	16.66	18.5
	64QAM	1	0	16.94	16.57	16.65	18.5
		1	37	16.98	17.04	17.19	18.5
		1	74	16.69	16.70	16.73	18.5
		36	0	16.59	16.77	16.76	18.5
		36	19	16.76	16.87	16.86	18.5
		36	39	16.88	16.81	16.63	18.5
		75	0	16.83	17.02	16.76	18.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	16.86	16.87	16.75	18.5
		1	24	17.24	17.13	17.28	18.5
		1	49	16.89	16.87	16.91	18.5
		25	0	16.58	16.73	16.59	18.5
		25	12	16.86	16.80	16.71	18.5
		25	25	16.76	16.77	16.66	18.5
		50	0	16.89	16.89	16.73	18.5
	16QAM	1	0	16.53	16.51	16.83	18.5
		1	24	16.93	17.08	16.98	18.5
		1	49	16.71	16.58	16.90	18.5
		25	0	16.84	16.83	16.63	18.5
		25	12	16.86	16.80	16.84	18.5
		25	25	16.85	16.98	16.78	18.5
		50	0	16.89	17.08	16.61	18.5
	64QAM	1	0	17.05	16.59	16.71	18.5
		1	24	16.92	17.03	17.14	18.5
		1	49	16.68	16.61	16.68	18.5
		25	0	16.83	16.85	16.78	18.5
		25	12	16.82	16.84	16.94	18.5
		25	25	16.98	16.82	16.62	18.5
		50	0	16.81	17.08	16.81	18.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	16.79	16.80	16.82	18.5
		1	12	17.21	17.19	17.20	18.5
		1	24	16.81	16.85	16.96	18.5
		12	0	16.60	16.82	16.51	18.5
		12	6	17.00	16.80	16.64	18.5
		12	13	16.74	16.83	16.72	18.5
		25	0	16.89	16.84	16.65	18.5
	16QAM	1	0	16.55	16.53	16.78	18.5
		1	12	16.89	17.00	16.95	18.5
		1	24	16.84	16.62	16.88	18.5
		12	0	16.79	16.82	16.72	18.5
		12	6	16.96	16.93	16.88	18.5
		12	13	16.86	16.89	16.60	18.5
		25	0	16.92	17.09	16.69	18.5
	64QAM	1	0	16.98	16.64	16.68	18.5
		1	12	16.94	16.98	17.13	18.5
		1	24	16.69	16.58	16.72	18.5
		12	0	16.58	16.85	16.67	18.5
		12	6	16.79	16.92	16.94	18.5
		12	13	16.91	16.81	16.62	18.5
		25	0	16.70	16.98	16.73	18.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	16.88	16.78	16.76	18.5
		1	7	17.33	17.19	17.25	18.5
		1	14	16.77	16.79	16.98	18.5
		8	0	16.67	16.79	16.57	18.5
		8	3	16.90	16.76	16.72	18.5
		8	7	16.74	16.86	16.65	18.5
		15	0	16.80	16.91	16.59	18.5
	16QAM	1	0	16.52	16.54	16.85	18.5
		1	7	16.97	17.10	17.05	18.5
		1	14	16.75	16.57	16.82	18.5
		8	0	16.80	16.91	16.75	18.5
		8	3	16.94	16.82	16.77	18.5
		8	7	16.90	16.89	16.55	18.5
		15	0	16.79	17.06	16.74	18.5
	64QAM	1	0	16.94	16.57	16.66	18.5
		1	7	16.95	17.04	17.15	18.5
		1	14	16.72	16.57	16.72	18.5
		8	0	16.55	16.80	16.77	18.5
		8	3	16.78	16.92	16.94	18.5
		8	7	16.95	16.78	16.59	18.5
		15	0	16.76	16.98	16.78	18.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	16.88	16.92	16.69	18.5
		1	2	17.21	17.18	17.29	18.5
		1	5	16.79	16.83	16.97	18.5
		3	0	16.55	16.75	16.83	18.5
		3	1	16.92	16.85	16.73	18.5
		3	3	16.75	16.82	16.67	18.5
		6	0	16.83	16.90	16.61	18.5
	16QAM	1	0	16.55	16.61	16.77	18.5
		1	2	16.87	17.09	17.05	18.5
		1	5	16.78	16.63	16.81	18.5
		3	0	16.80	16.92	16.73	18.5
		3	1	16.83	16.90	16.79	18.5
		3	3	16.94	16.89	16.55	18.5
		6	0	16.89	16.99	16.69	18.5
	64QAM	1	0	16.97	16.62	16.66	18.5
		1	2	16.91	16.92	17.19	18.5
		1	5	16.67	16.69	16.71	18.5
		3	0	16.96	16.78	16.72	18.5
		3	1	16.84	16.94	16.93	18.5
		3	3	16.95	16.77	16.58	18.5
		6	0	16.76	16.99	16.74	18.5

LTE Band 4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	17.28	17.49	17.25	19
		1	50	17.60	17.59	17.66	19
		1	99	17.37	17.24	17.39	19
		50	0	17.29	17.19	17.29	19
		50	25	17.40	17.33	17.31	19
		50	50	17.31	17.10	17.31	19
		100	0	17.30	17.19	17.41	19
	16QAM	1	0	17.50	17.23	17.31	19
		1	50	17.34	17.40	17.41	19
		1	99	17.34	17.21	17.10	19
		50	0	17.28	17.15	17.19	19
		50	25	17.36	17.42	17.46	19
		50	50	17.23	17.39	17.16	19
		100	0	17.28	17.28	17.29	19
	64QAM	1	0	17.24	17.23	17.43	19
		1	50	17.33	17.29	17.19	19
		1	99	17.26	17.35	17.29	19
		50	0	17.49	17.54	17.32	19
		50	25	17.40	17.61	17.49	19
		50	50	17.50	17.54	17.18	19
		100	0	17.20	17.24	17.45	19
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	17.13	17.41	17.21	19
		1	37	17.55	17.46	17.55	19
		1	74	17.35	17.19	17.31	19
		36	0	17.24	17.10	17.16	19
		36	19	17.27	17.31	17.18	19
		36	39	17.20	17.08	17.22	19
		75	0	17.22	17.10	17.35	19
	16QAM	1	0	17.37	17.15	17.19	19
		1	37	17.25	17.27	17.32	19
		1	74	17.24	17.12	17.05	19
		36	0	17.25	17.14	17.17	19
		36	19	17.29	17.27	17.36	19
		36	39	17.13	17.28	17.04	19
		75	0	17.17	17.24	17.20	19
	64QAM	1	0	17.16	17.18	17.36	19
		1	37	17.26	17.22	17.15	19
		1	74	17.13	17.29	17.16	19
		36	0	17.42	17.48	17.19	19
		36	19	17.25	17.60	17.46	19
		36	39	17.49	17.45	17.05	19
		75	0	17.11	17.14	17.33	19
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	17.27	17.34	17.21	19
		1	24	17.52	17.45	17.62	19
		1	49	17.28	17.17	17.29	19
		25	0	17.16	17.06	17.18	19
		25	12	17.35	17.30	17.29	19
		25	25	17.27	17.08	17.24	19
		50	0	17.26	17.08	17.39	19
	16QAM	1	0	17.43	17.19	17.27	19
		1	24	17.31	17.38	17.33	19
		1	49	17.27	17.08	17.01	19
		25	0	17.18	17.22	17.17	19
		25	12	17.26	17.27	17.36	19
		25	25	17.12	17.28	17.03	19
		50	0	17.14	17.22	17.17	19
	64QAM	1	0	17.10	17.17	17.41	19
		1	24	17.21	17.16	17.10	19
		1	49	17.23	17.28	17.17	19
		25	0	17.43	17.39	17.28	19
		25	12	17.36	17.55	17.47	19
		25	25	17.41	17.41	17.09	19
		50	0	17.13	17.10	17.37	19
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	17.16	17.46	17.23	19
		1	12	17.51	17.47	17.63	19
		1	24	17.35	17.15	17.33	19
		12	0	17.19	17.10	17.26	19
		12	6	17.36	17.25	17.23	19
		12	13	17.16	17.23	17.27	19
		25	0	17.21	17.05	17.39	19
	16QAM	1	0	17.38	17.09	17.18	19
		1	12	17.29	17.33	17.33	19
		1	24	17.26	17.15	17.16	19
		12	0	17.16	17.09	17.14	19
		12	6	17.29	17.29	17.45	19
		12	13	17.17	17.29	17.08	19
		25	0	17.19	17.23	17.23	19
	64QAM	1	0	17.12	17.15	17.29	19
		1	12	17.22	17.14	17.05	19
		1	24	17.12	17.31	17.27	19
		12	0	17.47	17.47	17.17	19
		12	6	17.27	17.52	17.46	19
		12	13	17.49	17.48	17.11	19
		25	0	17.09	17.13	17.44	19
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	17.18	17.42	17.17	19
		1	7	17.55	17.45	17.52	19
		1	14	17.28	17.14	17.36	19
		8	0	17.24	17.04	17.14	19
		8	3	17.37	17.27	17.17	19
		8	7	17.19	17.23	17.16	19
		15	0	17.19	17.18	17.36	19
	16QAM	1	0	17.42	17.10	17.22	19
		1	7	17.23	17.38	17.26	19
		1	14	17.27	17.16	17.06	19
		8	0	17.15	17.13	17.06	19
		8	3	17.23	17.33	17.44	19
		8	7	17.12	17.25	17.15	19
		15	0	17.16	17.20	17.18	19
	64QAM	1	0	17.12	17.18	17.33	19
		1	7	17.28	17.27	17.11	19
		1	14	17.24	17.26	17.21	19
		8	0	17.36	17.42	17.29	19
		8	3	17.37	17.48	17.41	19
		8	7	17.49	17.45	17.04	19
		15	0	17.10	17.15	17.38	19
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	17.19	17.34	17.21	19
		1	2	17.49	17.51	17.54	19
		1	5	17.30	17.09	17.26	19
		3	0	17.27	17.10	17.27	19
		3	1	17.32	17.31	17.19	19
		3	3	17.30	17.15	17.16	19
		6	0	17.23	17.16	17.35	19
	16QAM	1	0	17.42	17.15	17.28	19
		1	2	17.30	17.38	17.37	19
		1	5	17.32	17.19	17.07	19
		3	0	17.21	17.03	17.14	19
		3	1	17.28	17.28	17.39	19
		3	3	17.22	17.25	17.02	19
		6	0	17.14	17.21	17.28	19
	64QAM	1	0	17.18	17.09	17.41	19
		1	2	17.29	17.28	17.09	19
		1	5	17.12	17.28	17.17	19
		3	0	17.46	17.49	17.17	19
		3	1	17.38	17.54	17.35	19
		3	3	17.44	17.53	17.06	19
		6	0	17.17	17.10	17.38	19

LTE Band 5

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.05	24.04	24.11	25.5
		1	24	24.20	24.13	24.21	25.5
		1	49	24.12	23.96	24.14	25.5
		25	0	23.14	23.12	23.07	24.5
		25	12	23.15	23.14	23.22	24.5
		25	25	23.09	23.07	23.18	24.5
		50	0	23.12	23.10	23.14	24.5
	16QAM	1	0	23.33	23.31	23.30	24.5
		1	24	23.50	23.33	23.47	24.5
		1	49	23.26	23.30	23.38	24.5
		25	0	22.19	22.19	22.14	23.5
		25	12	22.20	22.15	22.28	23.5
		25	25	22.17	22.16	22.22	23.5
		50	0	22.16	22.18	22.18	23.5
	64QAM	1	0	22.27	22.28	22.28	23.5
		1	24	22.36	22.34	22.56	23.5
		1	49	22.32	22.24	22.37	23.5
		25	0	21.15	21.12	21.13	22.5
		25	12	21.18	21.17	21.21	22.5
		25	25	21.14	21.20	21.20	22.5
		50	0	21.17	21.22	21.17	22.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.95	23.97	24.01	25.5
		1	12	24.15	24.03	24.07	25.5
		1	24	24.02	23.84	24.10	25.5
		12	0	23.05	23.06	23.04	24.5
		12	6	23.05	23.00	23.09	24.5
		12	13	23.08	23.06	23.17	24.5
		25	0	23.10	23.00	23.13	24.5
	16QAM	1	0	23.31	23.30	23.18	24.5
		1	12	23.38	23.24	23.44	24.5
		1	24	23.21	23.19	23.37	24.5
		12	0	22.10	22.05	22.10	23.5
		12	6	22.18	22.09	22.27	23.5
		12	13	22.07	22.13	22.12	23.5
		25	0	22.04	22.05	22.14	23.5
	64QAM	1	0	22.23	22.25	22.25	23.5
		1	12	22.22	22.30	22.46	23.5
		1	24	22.23	22.16	22.29	23.5
		12	0	21.07	21.08	21.03	22.5
		12	6	21.17	21.08	21.19	22.5
		12	13	21.03	21.05	21.06	22.5
		25	0	21.11	21.15	21.05	22.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.00	23.98	23.98	25.5
		1	7	24.09	23.98	24.07	25.5
		1	14	24.10	23.87	24.08	25.5
		8	0	23.12	23.09	22.99	24.5
		8	3	23.06	22.99	23.18	24.5
		8	7	23.03	23.03	23.16	24.5
		15	0	23.06	22.98	23.06	24.5
	16QAM	1	0	23.26	23.19	23.20	24.5
		1	7	23.42	23.24	23.42	24.5
		1	14	23.13	23.27	23.34	24.5
		8	0	22.11	22.11	22.07	23.5
		8	3	22.13	22.04	22.24	23.5
		8	7	22.14	22.05	22.08	23.5
		15	0	22.14	22.15	22.03	23.5
	64QAM	1	0	22.22	22.22	22.24	23.5
		1	7	22.25	22.23	22.55	23.5
		1	14	22.29	22.23	22.29	23.5
		8	0	21.06	21.02	21.05	22.5
		8	3	21.17	21.09	21.12	22.5
		8	7	21.08	21.16	21.18	22.5
		15	0	21.14	21.07	21.14	22.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.04	23.99	24.06	25.5
		1	2	24.15	23.98	24.20	25.5
		1	5	23.97	23.84	24.06	25.5
		3	0	24.11	24.10	23.98	25.5
		3	1	24.07	24.08	24.11	25.5
		3	3	24.08	24.00	24.16	25.5
		6	0	23.08	23.03	23.08	24.5
	16QAM	1	0	23.25	23.28	23.27	24.5
		1	2	23.40	23.31	23.46	24.5
		1	5	23.24	23.19	23.26	24.5
		3	0	23.08	23.04	23.00	24.5
		3	1	23.10	23.06	23.26	24.5
		3	3	23.06	23.09	23.16	24.5
		6	0	22.10	22.15	22.06	23.5
	64QAM	1	0	22.23	22.24	22.23	23.5
		1	2	22.21	22.28	22.42	23.5
		1	5	22.23	22.23	22.22	23.5
		3	0	22.07	22.10	22.03	23.5
		3	1	22.16	22.04	22.12	23.5
		3	3	22.13	22.11	22.16	23.5
		6	0	21.05	21.20	21.14	22.5

LTE Band 7

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
		1	0	15.94	15.87	15.83	17.5
		1	50	**16.01**	15.97	15.90	17.5
		1	99	15.99	15.84	15.88	17.5
	QPSK	50	0	15.85	15.91	15.83	17.5
		50	25	15.91	15.84	15.87	17.5
		50	50	15.94	15.92	15.89	17.5
		100	0	15.92	15.83	15.75	17.5
		1	0	15.81	15.65	15.66	17.5
		1	50	15.85	15.77	15.81	17.5
		1	99	15.78	15.98	15.87	17.5
20M	16QAM	50	0	15.75	15.64	15.78	17.5
		50	25	15.72	15.68	15.92	17.5
		50	50	15.79	15.83	15.88	17.5
		100	0	15.85	15.81	15.76	17.5
		1	0	15.91	15.84	15.92	17.5
		1	50	15.91	15.75	15.68	17.5
		1	99	15.74	15.75	15.83	17.5
	64QAM	50	0	15.73	15.66	15.77	17.5
		50	25	15.83	15.83	15.82	17.5
		50	50	15.94	15.73	15.81	17.5
		100	0	15.76	15.70	15.68	17.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
		1	0	15.81	15.77	15.73	17.5
		1	37	15.94	15.84	15.77	17.5
		1	74	15.89	15.83	15.75	17.5
	QPSK	36	0	15.82	15.88	15.70	17.5
		36	19	15.87	15.77	15.86	17.5
		36	39	15.87	15.78	15.79	17.5
		75	0	15.80	15.70	15.60	17.5
		1	0	15.67	15.64	15.60	17.5
		1	37	15.74	15.67	15.68	17.5
		1	74	15.67	15.88	15.72	17.5
15M	16QAM	36	0	15.63	15.57	15.73	17.5
		36	19	15.61	15.64	15.81	17.5
		36	39	15.67	15.76	15.86	17.5
		75	0	15.76	15.73	15.71	17.5
		1	0	15.77	15.83	15.78	17.5
		1	37	15.89	15.67	15.62	17.5
		1	74	15.62	15.61	15.71	17.5
	64QAM	36	0	15.63	15.58	15.71	17.5
		36	19	15.80	15.77	15.72	17.5
		36	39	15.91	15.71	15.66	17.5
		75	0	15.71	15.56	15.66	17.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
		1	0	15.79	15.78	15.69	17.5
		1	24	15.87	15.89	15.75	17.5
		1	49	15.96	15.72	15.81	17.5
	QPSK	25	0	15.75	15.84	15.71	17.5
		25	12	15.89	15.75	15.81	17.5
		25	25	15.83	15.83	15.84	17.5
		50	0	15.84	15.76	15.65	17.5
		1	0	15.76	15.55	15.59	17.5
		1	24	15.70	15.64	15.77	17.5
		1	49	15.66	15.89	15.83	17.5
10M	16QAM	25	0	15.72	15.57	15.67	17.5
		25	12	15.67	15.66	15.80	17.5
		25	25	15.73	15.77	15.76	17.5
		50	0	15.80	15.66	15.73	17.5
		1	0	15.83	15.77	15.89	17.5
		1	24	15.81	15.74	15.64	17.5
		1	49	15.68	15.60	15.80	17.5
	64QAM	25	0	15.66	15.59	15.63	17.5
		25	12	15.69	15.71	15.72	17.5
		25	25	15.91	15.64	15.77	17.5
		50	0	15.66	15.55	15.58	17.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
		1	0	15.87	15.80	15.78	17.5
		1	12	15.88	15.86	15.86	17.5
		1	24	15.93	15.71	15.73	17.5
	QPSK	12	0	15.78	15.81	15.80	17.5
		12	6	15.84	15.72	15.77	17.5
		12	13	15.92	15.90	15.88	17.5
		25	0	15.80	15.79	15.66	17.5
		1	0	15.75	15.58	15.61	17.5
		1	12	15.77	15.62	15.66	17.5
		1	24	15.70	15.88	15.83	17.5
5M	16QAM	12	0	15.64	15.62	15.73	17.5
		12	6	15.62	15.55	15.79	17.5
		12	13	15.64	15.76	15.79	17.5
		25	0	15.74	15.80	15.63	17.5
		1	0	15.86	15.72	15.79	17.5
		1	12	15.89	15.70	15.54	17.5
		1	24	15.60	15.67	15.77	17.5
	64QAM	12	0	15.70	15.58	15.68	17.5
		12	6	15.71	15.78	15.78	17.5
		12	13	15.90	15.60	15.78	17.5
		25	0	15.69	15.56	15.53	17.5

LTE Band 38

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
		1	0	18.35	18.34	18.25	20
		1	50	18.40	**18.53**	18.36	20
		1	99	18.34	18.30	18.28	20
	QPSK	50	0	18.15	18.36	18.27	20
		50	25	18.38	18.42	18.34	20
		50	50	18.31	18.32	18.29	20
		100	0	18.32	18.39	18.22	20
		1	0	18.18	18.17	18.28	20
		1	50	18.28	18.40	18.17	20
		1	99	18.22	18.36	18.15	20
20M	16QAM	50	0	18.29	18.26	18.40	20
		50	25	18.34	18.17	18.37	20
		50	50	18.39	18.46	18.22	20
		100	0	18.38	18.37	18.29	20
		1	0	18.28	18.43	18.21	20
		1	50	18.25	18.22	18.30	20
		1	99	18.16	18.19	18.37	20
	64QAM	50	0	18.26	18.42	18.35	20
		50	25	18.37	18.32	18.26	20
		50	50	18.22	18.23	18.43	20
		100	0	18.30	18.27	18.30	20
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
		1	0	18.26	18.20	18.18	20
		1	37	18.27	18.44	18.34	20
		1	74	18.28	18.18	18.22	20
	QPSK	36	0	18.11	18.30	18.21	20
		36	19	18.32	18.32	18.22	20
		36	39	18.26	18.26	18.19	20
		75	0	18.27	18.31	18.09	20
		1	0	18.15	18.15	18.16	20
		1	37	18.23	18.25	18.11	20
		1	74	18.11	18.32	18.05	20
15M	16QAM	36	0	18.15	18.25	18.35	20
		36	19	18.32	18.08	18.25	20
		36	39	18.35	18.43	18.20	20
		75	0	18.29	18.36	18.21	20
		1	0	18.14	18.28	18.19	20
		1	37	18.11	18.17	18.25	20
		1	74	18.12	18.11	18.32	20
	64QAM	36	0	18.13	18.27	18.21	20
		36	19	18.36	18.24	18.25	20
		36	39	18.12	18.17	18.34	20
		75	0	18.25	18.24	18.23	20
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
		1	0	18.29	18.33	18.14	20
		1	24	18.30	18.40	18.22	20
		1	49	18.33	18.20	18.16	20
	QPSK	25	0	18.11	18.26	18.16	20
		25	12	18.32	18.36	18.21	20
		25	25	18.16	18.18	18.23	20
		50	0	18.23	18.38	18.12	20
		1	0	18.16	18.03	18.17	20
		1	24	18.24	18.29	18.08	20
		1	49	18.09	18.35	18.04	20
10M	16QAM	25	0	18.27	18.22	18.29	20
		25	12	18.25	18.16	18.26	20
		25	25	18.29	18.43	18.08	20
		50	0	18.32	18.24	18.28	20
		1	0	18.16	18.32	18.06	20
		1	24	18.18	18.16	18.15	20
		1	49	18.15	18.11	18.29	20
	64QAM	25	0	18.19	18.38	18.25	20
		25	12	18.31	18.29	18.25	20
		25	25	18.17	18.11	18.34	20
		50	0	18.20	18.14	18.18	20
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
		1	0	18.22	18.26	18.10	20
		1	12	18.25	18.39	18.27	20
		1	24	18.21	18.22	18.26	20
	QPSK	12	0	18.14	18.24	18.16	20
		12	6	18.31	18.35	18.28	20
		12	13	18.27	18.31	18.27	20
		25	0	18.23	18.35	18.07	20
		1	0	18.12	18.15	18.13	20
		1	12	18.26	18.32	18.15	20
		1	24	18.12	18.34	18.02	20
5M	16QAM	12	0	18.16	18.16	18.27	20
		12	6	18.29	18.12	18.35	20
		12	13	18.32	18.44	18.09	20
		25	0	18.29	18.31	18.15	20
		1	0	18.14	18.31	18.09	20
		1	12	18.24	18.12	18.17	20
		1	24	18.09	18.14	18.22	20
	64QAM	12	0	18.24	18.41	18.27	20
		12	6	18.33	18.17	18.25	20
		12	13	18.14	18.20	18.40	20
		25	0	18.15	18.21	18.18	20

LTE Band 41 (2496 ~ 2690MHz)

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
		1	0	18.12	17.93	18.18	17.91	17.84	19.5
		1	50	**18.34**	18.30	18.24	18.08	18.12	19.5
		1	99	17.98	17.91	17.87	17.96	17.86	19.5
	QPSK	50	0	17.78	17.85	18.06	17.93	17.91	19.5
		50	25	18.20	17.95	18.13	17.98	17.95	19.5
		50	50	18.08	17.80	17.99	17.82	17.83	19.5
		100	0	18.12	18.03	17.94	18.10	18.04	19.5
		1	0	18.10	17.92	18.03	17.74	17.93	19.5
		1	50	18.18	18.12	18.07	18.09	18.31	19.5
		1	99	18.05	17.81	18.18	17.84	18.13	19.5
20M	16QAM	50	0	17.97	18.06	18.00	18.03	17.89	19.5
		50	25	18.11	18.12	17.88	17.90	17.92	19.5
		50	50	17.97	17.87	18.19	17.82	17.76	19.5
		100	0	18.15	17.90	17.85	18.03	17.79	19.5
		1	0	17.95	18.04	17.86	18.07	17.77	19.5
		1	50	18.09	17.84	18.09	17.90	17.90	19.5
		1	99	17.81	17.73	17.95	17.78	17.91	19.5
	64QAM	50	0	18.01	17.85	17.90	17.97	17.90	19.5
		50	25	17.98	17.86	18.16	17.96	18.01	19.5
		50	50	18.16	17.72	17.93	17.86	18.01	19.5
		100	0	18.05	17.66	18.07	18.03	17.82	19.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
		1	0	18.07	17.80	18.17	17.88	17.78	19.5
		1	37	18.25	18.27	18.19	17.93	18.09	19.5
		1	74	17.92	17.83	17.86	17.86	17.81	19.5
	QPSK	36	0	17.66	17.78	18.03	17.87	17.78	19.5
		36	19	18.08	17.80	18.09	17.83	17.85	19.5
		36	39	18.00	17.72	17.85	17.80	17.76	19.5
		75	0	18.01	17.88	17.80	18.02	17.91	19.5
		1	0	18.02	17.89	18.01	17.63	17.89	19.5
		1	37	18.10	17.98	18.06	18.02	18.26	19.5
		1	74	17.90	17.69	18.04	17.77	18.04	19.5
15M	16QAM	36	0	17.91	18.02	17.89	17.91	17.79	19.5
		36	19	17.99	18.06	17.81	17.89	17.78	19.5
		36	39	17.84	17.83	18.07	17.69	17.67	19.5
		75	0	18.10	17.80	17.83	17.91	17.77	19.5
		1	0	17.84	17.93	17.73	17.99	17.75	19.5
		1	37	18.08	17.79	18.06	17.83	17.83	19.5
		1	74	17.75	17.62	17.80	17.69	17.86	19.5
	64QAM	36	0	17.95	17.75	17.89	17.86	17.85	19.5
		36	19	17.83	17.80	18.09	17.83	17.94	19.5
		36	39	18.12	17.63	17.81	17.72	17.88	19.5
		75	0	18.04	17.65	17.97	18.02	17.73	19.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
		1	0	18.06	17.86	18.14	17.85	17.70	19.5
		1	24	18.23	18.17	18.21	18.01	17.98	19.5
		1	49	17.90	17.81	17.80	17.85	17.78	19.5
	QPSK	25	0	17.65	17.72	18.00	17.78	17.88	19.5
		25	12	18.14	17.81	18.04	17.86	17.92	19.5
		25	25	18.04	17.68	17.91	17.81	17.75	19.5
		50	0	18.09	17.98	17.92	17.97	17.89	19.5
		1	0	18.04	17.91	17.92	17.71	17.90	19.5
		1	24	18.17	18.06	18.00	18.04	18.23	19.5
		1	49	18.02	17.71	18.16	17.83	18.00	19.5
10M	16QAM	25	0	17.95	17.93	17.87	17.90	17.78	19.5
		25	12	18.09	18.09	17.82	17.81	17.90	19.5
		25	25	17.91	17.84	18.12	17.80	17.73	19.5
		50	0	18.12	17.84	17.78	18.02	17.69	19.5
		1	0	17.94	17.92	17.81	18.00	17.73	19.5
		1	24	18.05	17.78	18.03	17.88	17.87	19.5
		1	49	17.69	17.63	17.92	17.67	17.87	19.5
	64QAM	25	0	17.96	17.74	17.79	17.95	17.79	19.5
		25	12	17.87	17.84	18.08	17.92	17.90	19.5
		25	25	18.12	17.58	17.87	17.81	17.89	19.5
		50	0	17.95	17.60	18.00	17.89	17.81	19.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
		1	0	18.08	17.82	18.11	17.76	17.73	19.5
		1	12	18.33	18.22	18.23	17.98	18.11	19.5
		1	24	17.85	17.81	17.82	17.86	17.85	19.5
	QPSK	12	0	17.70	17.71	17.95	17.84	17.83	19.5
		12	6	18.13	17.85	17.98	17.94	17.84	19.5
		12	13	18.07	17.77	17.85	17.69	17.81	19.5
		25	0	17.99	17.97	17.79	17.98	17.92	19.5
		1	0	17.97	17.82	17.91	17.67	17.91	19.5
		1	12	18.17	18.11	17.98	18.02	18.27	19.5
		1	24	17.94	17.71	18.07	17.69	18.10	19.5
5M	16QAM	12	0	17.96	17.97	17.96	17.90	17.86	19.5
		12	6	18.01	18.08	17.73	17.88	17.89	19.5
		12	13	17.91	17.73	18.12	17.75	17.61	19.5
		25	0	18.07	17.89	17.71	17.98	17.76	19.5
		1	0	17.92	17.93	17.78	17.92	17.71	19.5
		1	12	18.07	17.73	18.06	17.78	17.85	19.5
		1	24	17.78	17.63	17.90	17.77	17.82	19.5
	64QAM	12	0	17.88	17.77	17.75	17.88	17.85	19.5
		12	6	17.88	17.77	18.13	17.89	17.89	19.5
		12	13	18.10	17.60	17.87	17.79	17.91	19.5
		25	0	18.02	17.59	18.01	17.88	17.80	19.5

LTE Band 66

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
		1	0	17.95	17.97	17.83	19.5
		1	50	18.14	**18.18**	18.09	19.5
		1	99	17.79	17.73	17.81	19.5
	QPSK	50	0	17.84	17.79	17.92	19.5
		50	25	17.91	17.96	17.93	19.5
		50	50	17.87	17.87	17.78	19.5
		100	0	17.79	17.99	17.90	19.5
		1	0	17.84	17.87	17.70	19.5
		1	50	17.78	17.90	17.88	19.5
		1	99	17.83	17.75	17.91	19.5
20M	16QAM	50	0	17.72	17.96	17.82	19.5
		50	25	17.78	17.92	17.98	19.5
		50	50	17.81	17.71	17.82	19.5
		100	0	17.76	17.77	17.80	19.5
		1	0	17.78	17.75	17.81	19.5
		1	50	17.93	17.83	17.75	19.5
		1	99	17.79	17.78	17.74	19.5
	64QAM	50	0	17.98	17.91	17.73	19.5
		50	25	17.77	17.90	17.90	19.5
		50	50	17.98	18.00	17.63	19.5
		100	0	17.65	17.78	17.95	19.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
		1	0	17.92	17.88	17.77	19.5
		1	37	18.09	18.07	17.95	19.5
		1	74	17.74	17.71	17.68	19.5
	QPSK	36	0	17.81	17.69	17.83	19.5
		36	19	17.90	17.85	17.85	19.5
		36	39	17.85	17.74	17.72	19.5
		75	0	17.76	17.90	17.80	19.5
		1	0	17.77	17.78	17.62	19.5
		1	37	17.74	17.78	17.77	19.5
		1	74	17.74	17.60	17.76	19.5
15M	16QAM	36	0	17.63	17.94	17.80	19.5
		36	19	17.68	17.77	17.84	19.5
		36	39	17.80	17.60	17.77	19.5
		75	0	17.63	17.74	17.72	19.5
		1	0	17.77	17.60	17.70	19.5
		1	37	17.91	17.70	17.74	19.5
		1	74	17.73	17.76	17.69	19.5
	64QAM	36	0	17.97	17.90	17.58	19.5
		36	19	17.69	17.83	17.87	19.5
		36	39	17.88	17.93	17.59	19.5
		75	0	17.53	17.66	17.84	19.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
		1	0	17.88	17.88	17.81	19.5
		1	24	17.99	18.05	18.06	19.5
		1	49	17.77	17.69	17.70	19.5
	QPSK	25	0	17.76	17.74	17.80	19.5
		25	12	17.84	17.81	17.87	19.5
		25	25	17.85	17.81	17.72	19.5
		50	0	17.78	17.94	17.82	19.5
		1	0	17.80	17.77	17.67	19.5
		1	24	17.65	17.79	17.76	19.5
		1	49	17.69	17.71	17.77	19.5
10M	16QAM	25	0	17.68	17.85	17.78	19.5
		25	12	17.69	17.88	17.90	19.5
		25	25	17.78	17.68	17.68	19.5
		50	0	17.69	17.62	17.76	19.5
		1	0	17.73	17.64	17.69	19.5
		1	24	17.90	17.72	17.61	19.5
		1	49	17.76	17.64	17.59	19.5
	64QAM	25	0	17.95	17.86	17.66	19.5
		25	12	17.76	17.87	17.82	19.5
		25	25	17.97	17.91	17.56	19.5
		50	0	17.56	17.73	17.94	19.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
		1	0	17.81	17.96	17.70	19.5
		1	12	18.08	18.14	18.05	19.5
		1	24	17.73	17.67	17.68	19.5
	QPSK	12	0	17.75	17.71	17.91	19.5
		12	6	17.78	17.85	17.87	19.5
		12	13	17.85	17.79	17.71	19.5
		25	0	17.70	17.89	17.85	19.5
		1	0	17.70	17.75	17.58	19.5
		1	12	17.72	17.84	17.73	19.5
		1	24	17.80	17.73	17.88	19.5
5M	16QAM	12	0	17.63	17.92	17.76	19.5
		12	6	17.77	17.82	17.89	19.5
		12	13	17.71	17.69	17.74	19.5
		25	0	17.69	17.75	17.77	19.5
		1	0	17.76	17.66	17.72	19.5
		1	12	17.81	17.75	17.74	19.5
		1	24	17.77	17.71	17.68	19.5
	64QAM	12	0	17.88	17.81	17.61	19.5
		12	6	17.65	17.88	17.83	19.5
		12	13	17.93	17.90	17.57	19.5
		25	0	17.59	17.72	17.82	19.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
		1	0	17.87	17.90	17.80	19.5
		1	7	18.09	18.12	18.03	19.5
		1	14	17.68	17.64	17.68	19.5
	QPSK	8	0	17.80	17.72	17.80	19.5
		8	3	17.88	17.84	17.85	19.5
		8	7	17.79	17.80	17.67	19.5
		15	0	17.65	17.86	17.75	19.5
		1	0	17.71	17.75	17.69	19.5
		1	7	17.76	17.85	17.76	19.5
		1	14	17.74	17.71	17.90	19.5
3M	16QAM	8	0	17.69	17.91	17.79	19.5
		8	3	17.73	17.86	17.96	19.5
		8	7	17.73	17.63	17.79	19.5
		15	0	17.74	17.62	17.71	19.5
		1	0	17.73	17.63	17.67	19.5
		1	7	17.81	17.73	17.74	19.5
		1	14	17.68	17.71	17.65	19.5
	64QAM	8	0	17.91	17.79	17.68	19.5
		8	3	17.75	17.75	17.82	19.5
		8	7	17.92	17.87	17.56	19.5
		15	0	17.55	17.75	17.93	19.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
		1	0	17.80	17.85	17.78	19.5
		1	2	18.09	18.15	17.94	19.5
		1	5	17.64	17.69	17.80	19.5
	QPSK	3	0	17.80	17.64	17.77	19.5
		3	1	17.86	17.85	17.90	19.5
		3	3	17.72	17.79	17.72	19.5
		6	0	17.68	17.93	17.82	19.5
		1	0	17.73	17.73	17.68	19.5
		1	2	17.73	17.84	17.86	19.5
		1	5	17.74	17.69	17.90	19.5
1.4M	16QAM	3	0	17.62	17.81	17.75	19.5
		3	1	17.77	17.90	17.89	19.5
		3	3	17.80	17.69	17.78	19.5
		6	0	17.67	17.64	17.68	19.5
		1	0	17.70	17.65	17.73	19.5
		1	2	17.88	17.70	17.67	19.5
		1	5	17.71	17.63	17.70	19.5
	64QAM	3	0	17.87	17.79	17.60	19.5
		3	1	17.64	17.79	17.85	19.5
		3	3	17.97	17.98	17.53	19.5
		6	0	17.63	17.64	17.80	19.5

default Power

2.4GHz WLAN

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.97	17.50
		6	2437	16.14	17.50
		11	2462	**16.23**	17.50
	802.11g 6Mbps	1	2412	14.91	16.50
		6	2437	15.07	16.50
		11	2462	15.21	16.50
	802.11n-HT20 MCS0	1	2412	13.90	15.50
		6	2437	14.17	15.50
		11	2462	14.04	15.50

5GHz WLAN

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180	12.83	14.50
		40	5200	12.93	14.50
		44	5220	12.85	14.50
		48	5240	12.95	14.50
	802.11n-HT20 MCS0	36	5180	13.23	14.50
		40	5200	13.33	14.50
		44	5220	13.21	14.50
		48	5240	13.25	14.50
	802.11n-HT40 MCS0	38	5190	13.12	14.50
		46	5230	13.12	14.50
	802.11ac-VHT20 MCS0	36	5180	13.06	14.50
		40	5200	13.00	14.50
		44	5220	13.03	14.50
		48	5240	13.07	14.50
	802.11ac-VHT40 MCS0	38	5190	13.06	14.50
		46	5230	13.15	14.50
	802.11ac-VHT80 MCS0	42	5210	**13.54**	14.50

5GHz WLAN

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.3GHz WLAN	802.11a 6Mbps	52	5260	13.03	14.50
		56	5280	13.01	14.50
		60	5300	13.02	14.50
		64	5320	13.18	14.50
	802.11n-HT20 MCS0	52	5260	13.34	14.50
		56	5280	13.25	14.50
		60	5300	13.21	14.50
		64	5320	**13.36**	14.50
	802.11n-HT40 MCS0	54	5270	13.09	14.50
		62	5310	13.06	14.50
	802.11ac-VHT20 MCS0	52	5260	13.01	14.50
		56	5280	13.03	14.50
		60	5300	13.04	14.50
		64	5320	13.17	14.50
	802.11ac-VHT40 MCS0	54	5270	13.13	14.50
		62	5310	13.11	14.50
	802.11ac-VHT80 MCS0	58	5290	13.28	14.50

5GHz WLAN

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.19	14.50
		116	5580	13.00	14.50
		124	5620	13.04	14.50
		132	5660	13.07	14.50
		140	5700	13.13	14.50
		144	5720	13.05	14.50
	802.11n-HT20 MCS0	100	5500	13.45	14.50
		116	5580	13.42	14.50
		124	5620	13.38	14.50
		132	5660	13.33	14.50
		140	5700	**13.49**	14.50
		144	5720	13.39	14.50
	802.11n-HT40 MCS0	102	5510	13.19	14.50
		110	5550	13.31	14.50
		126	5630	13.17	14.50
		134	5670	13.26	14.50
		142	5710	13.19	14.50
	802.11ac-VHT20 MCS0	100	5500	13.27	14.50
		116	5580	13.24	14.50
		124	5620	13.22	14.50
		132	5660	13.17	14.50
		140	5700	13.13	14.50
		144	5720	13.15	14.50
	802.11ac-VHT40 MCS0	102	5510	13.23	14.50
		110	5550	13.34	14.50
		126	5630	13.27	14.50
		134	5670	13.31	14.50
		142	5710	13.25	14.50
	802.11ac-VHT80 MCS0	106	5530	13.13	14.50
		122	5610	13.28	14.50
		138	5690	13.16	14.50

5GHz WLAN

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.96	14.50
		157	5785	12.91	14.50
		165	5825	12.87	14.50
	802.11n-HT20 MCS0	149	5745	13.02	14.50
		157	5785	13.14	14.50
		165	5825	12.95	14.50
	802.11n-HT40 MCS0	151	5755	13.22	14.50
		159	5795	13.21	14.50
	802.11ac-VHT20 MCS0	149	5745	12.84	14.50
		157	5785	12.96	14.50
		165	5825	12.77	14.50
	802.11ac-VHT40 MCS0	151	5755	13.18	14.50
		159	5795	13.24	14.50
	802.11ac-VHT80 MCS0	155	5775	**13.70**	14.50

BT	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
BLE	1M	0	2402	0.37	2.00
		19	2440	0.94	2.00
		39	2480	1.40	3.00
	2M	1	2404	0.69	2.00
		19	2440	1.06	3.00
		38	2478	1.40	3.00
	S2	0	2402	0.48	2.00
		19	2440	0.95	2.00
		39	2480	1.44	3.00
	S8	0	2402	0.59	2.00
		19	2440	0.85	2.00
		39	2480	1.56	3.00
BR/EDR	GFSK	0	2402	8.55	10.00
		39	2441	6.39	8.00
		78	2480	**9.98**	11.00
	DQPSK	0	2402	6.55	8.00
		39	2441	3.01	5.00
		78	2480	8.14	10.00
	8DPSK	0	2402	6.53	8.00
		39	2441	2.91	4.00
		78	2480	8.14	10.00

Receiver on (DSI-1)

2.4GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.86	14.50
		6	2437	13.27	14.50
		11	2462	**13.34**	14.50
	802.11g 6Mbps	1	2412		13.50
		6	2437		13.50
		11	2462		13.50
	802.11n-HT20 MCS0	1	2412		12.50
		6	2437		12.50
		11	2462		12.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180		9.50
		40	5200		9.50
		44	5220		9.50
		48	5240		9.50
	802.11n-HT20 MCS0	36	5180		9.50
		40	5200		9.50
		44	5220		9.50
		48	5240		9.50
	802.11n-HT40 MCS0	38	5190		9.50
		46	5230		9.50
	802.11ac-VHT20 MCS0	36	5180		9.50
		40	5200		9.50
		44	5220		9.50
		48	5240		9.50
	802.11ac-VHT40 MCS0	38	5190		9.50
		46	5230		9.50
	802.11ac-VHT80 MCS0	42	5210	**8.63**	9.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.3GHz WLAN	802.11a 6Mbps	52	5260		9.50
		56	5280		9.50
		60	5300		9.50
		64	5320		9.50
	802.11n-HT20 MCS0	52	5260	8.29	9.50
		56	5280	8.33	9.50
		60	5300	8.27	9.50
		64	5320	**8.46**	9.50
	802.11n-HT40 MCS0	54	5270		9.50
		62	5310		9.50
	802.11ac-VHT20 MCS0	52	5260		9.50
		56	5280		9.50
		60	5300		9.50
		64	5320		9.50
	802.11ac-VHT40 MCS0	54	5270		9.50
		62	5310		9.50
	802.11ac-VHT80 MCS0	58	5290		9.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500		9.50
		116	5580		9.50
		124	5620		9.50
		132	5660		9.50
		140	5700		9.50
		144	5720		9.50
	802.11n-HT20 MCS0	100	5500	8.41	9.50
		116	5580	8.31	9.50
		124	5620	8.44	9.50
		132	5660	8.29	9.50
		140	5700	**8.56**	9.50
		144	5720	8.42	9.50
	802.11n-HT40 MCS0	102	5510		9.50
		110	5550		9.50
		126	5630		9.50
		134	5670		9.50
		142	5710		9.50
	802.11ac-VHT20 MCS0	100	5500		9.50
		116	5580		9.50
		124	5620		9.50
		132	5660		9.50
		140	5700		9.50
		144	5720		9.50
	802.11ac-VHT40 MCS0	102	5510		9.50
		110	5550		9.50
		126	5630		9.50
		134	5670		9.50
		142	5710		9.50
	802.11ac-VHT80 MCS0	106	5530		9.50
		122	5610		9.50
		138	5690		9.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745		9.50
		157	5785		9.50
		165	5825		9.50
	802.11n-HT20 MCS0	149	5745		9.50
		157	5785		9.50
		165	5825		9.50
	802.11n-HT40 MCS0	151	5755		9.50
		159	5795		9.50
	802.11ac-VHT20 MCS0	149	5745		9.50
		157	5785		9.50
		165	5825		9.50
	802.11ac-VHT40 MCS0	151	5755		9.50
		159	5795		9.50
	802.11ac-VHT80 MCS0	155	5775	**8.65**	9.50

Ant2

BT	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
BLE	1M	0	2402	0.37	2.00
		19	2440	0.94	2.00
		39	2480	1.40	3.00
	2M	1	2404	0.69	2.00
		19	2440	1.06	3.00
		38	2478	1.40	3.00
	S2	0	2402	0.48	2.00
		19	2440	0.95	2.00
		39	2480	1.44	3.00
	S8	0	2402	0.59	2.00
		19	2440	0.85	2.00
		39	2480	1.56	3.00
BR/EDR	GFSK	0	2402	8.55	10.00
		39	2441	6.39	8.00
		78	2480	**9.98**	11.00
	DQPSK	0	2402	6.55	8.00
		39	2441	3.01	5.00
		78	2480	8.14	10.00
	8DPSK	0	2402	6.53	8.00
		39	2441	2.91	4.00
		78	2480	8.14	10.00

Reduce Power (DSI-2)

2.4GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.86	14.50
		6	2437	13.27	14.50
		11	2462	**13.34**	14.50
	802.11g 6Mbps	1	2412		13.50
		6	2437		13.50
		11	2462		13.50
	802.11n-HT20 MCS0	1	2412		12.50
		6	2437		12.50
		11	2462		12.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180		10.50
		40	5200		10.50
		44	5220		10.50
		48	5240		10.50
	802.11n-HT20 MCS0	36	5180		10.50
		40	5200		10.50
		44	5220		10.50
		48	5240		10.50
	802.11n-HT40 MCS0	38	5190		10.50
		46	5230		10.50
	802.11ac-VHT20 MCS0	36	5180		10.50
		40	5200		10.50
		44	5220		10.50
		48	5240		10.50
	802.11ac-VHT40 MCS0	38	5190		10.50
		46	5230		10.50
	802.11ac-VHT80 MCS0	42	5210	**9.49**	10.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.3GHz WLAN	802.11a 6Mbps	52	5260		10.50
		56	5280		10.50
		60	5300		10.50
		64	5320		10.50
	802.11n-HT20 MCS0	52	5260	9.32	10.50
		56	5280	9.25	10.50
		60	5300	9.35	10.50
		64	5320	**9.41**	10.50
	802.11n-HT40 MCS0	54	5270		10.50
		62	5310		10.50
	802.11ac-VHT20 MCS0	52	5260		10.50
		56	5280		10.50
		60	5300		10.50
		64	5320		10.50
	802.11ac-VHT40 MCS0	54	5270		10.50
		62	5310		10.50
	802.11ac-VHT80 MCS0	58	5290		10.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500		10.50
		116	5580		10.50
		124	5620		10.50
		132	5660		10.50
		140	5700		10.50
		144	5720		10.50
	802.11n-HT20 MCS0	100	5500	9.33	10.50
		116	5580	9.34	10.50
		124	5620	9.29	10.50
		132	5660	9.31	10.50
		140	5700	**9.38**	10.50
		144	5720	9.27	10.50
	802.11n-HT40 MCS0	102	5510		10.50
		110	5550		10.50
		126	5630		10.50
		134	5670		10.50
		142	5710		10.50
	802.11ac-VHT20 MCS0	100	5500		10.50
		116	5580		10.50
		124	5620		10.50
		132	5660		10.50
		140	5700		10.50
		144	5720		10.50
	802.11ac-VHT40 MCS0	102	5510		10.50
		110	5550		10.50
		126	5630		10.50
		134	5670		10.50
		142	5710		10.50
	802.11ac-VHT80 MCS0	106	5530		10.50
		122	5610		10.50
		138	5690		10.50

5GHz WLAN — Ant2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745		10.50
		157	5785		10.50
		165	5825		10.50
	802.11n-HT20 MCS0	149	5745		10.50
		157	5785		10.50
		165	5825		10.50
	802.11n-HT40 MCS0	151	5755		10.50
		159	5795		10.50
	802.11ac-VHT20 MCS0	149	5745		10.50
		157	5785		10.50
		165	5825		10.50
	802.11ac-VHT40 MCS0	151	5755		10.50
		159	5795		10.50
	802.11ac-VHT80 MCS0	155	5775	**9.77**	10.50

Ant2

BT	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
BLE	1M	0	2402	0.37	2.00
		19	2440	0.94	2.00
		39	2480	1.40	3.00
	2M	1	2404	0.69	2.00
		19	2440	1.06	3.00
		38	2478	1.40	3.00
	S2	0	2402	0.48	2.00
		19	2440	0.95	2.00
		39	2480	1.44	3.00
	S8	0	2402	0.59	2.00
		19	2440	0.85	2.00
		39	2480	1.56	3.00
BR/EDR	GFSK	0	2402	8.55	10.00
		39	2441	6.39	8.00
		78	2480	**9.98**	11.00
	DQPSK	0	2402	6.55	8.00
		39	2441	3.01	5.00
		78	2480	8.14	10.00
	8DPSK	0	2402	6.53	8.00
		39	2441	2.91	4.00
		78	2480	8.14	10.00

Appendix E. Photographs of EUT and Setup