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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, Clipping 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	± 9.6 %
10450	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 Max. Tune-up Power (dBm)	WCDMA IV			WCDMA IV Max. Tune-up Power (dBm)	WCDMA V			WCDMA V Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938	Max. Tune-up Power (dBm)	1537	1638	1738	Max. Tune-up Power (dBm)	4357	4407	4458	Max. Tune-up Power (dBm)
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	SCPP	Max.	RB Size	RB Offset	Low	Mid	High	SCPP	Max.			
		Channel	Channel	1920	1980	1980	MPR	Time-up		1920	1980	1980	MPR	Time-up				
		Frequency (MHz)	1980	1980	1980	(dB)	(dBm)	Frequency (MHz)		1980	1980	1980	(dB)	(dBm)				
20M	QPSK	1	0	23.71	23.76	23.71	0	25.5	10M	QPSK	1	0	24.23	24.30	24.32	0	25.5	
		1	50	24.11	24.10	24.04	0	25.5			1	24	24.39	24.43	24.44	0	25.5	
		1	99	23.98	23.96	23.76	0	25.5			1	49	24.25	24.29	24.29	0	25.5	
		50	0	23.04	23.02	23.02	1	24.5			25	0	23.30	23.40	23.25	1	24.5	
		50	25	23.05	23.03	23.03	1	24.5			25	12	23.32	23.41	23.43	1	24.5	
	16QAM	50	50	23.02	23.01	22.88	1	24.5		16QAM	25	25	23.27	23.39	23.40	1	24.5	
		100	0	23.06	23.06	23.06	1	24.5			50	0	23.26	23.32	23.36	1	24.5	
		1	0	23.05	23.01	23.08	1	24.5			1	0	23.50	23.50	23.50	1	24.5	
		1	50	23.37	23.45	23.29	1	24.5			1	24	23.73	23.61	23.65	1	24.5	
		1	99	23.01	22.98	22.92	1	24.5			1	49	23.63	23.54	23.60	1	24.5	
20M	16QAM	50	0	22.02	22.11	21.93	2	23.5	16QAM	16QAM	25	0	22.41	22.50	22.41	2	23.5	
		50	25	22.09	22.17	22.10	2	23.5			25	12	22.38	22.43	22.47	2	23.5	
		50	50	22.07	22.11	21.93	2	23.5			25	25	22.33	22.50	22.45	2	23.5	
		100	0	22.06	22.08	21.99	2	23.5			50	0	22.37	22.48	22.41	2	23.5	
		1	0	21.92	21.96	21.97	2	23.5			1	0	22.46	22.62	22.50	2	23.5	
	64QAM	1	50	22.30	22.31	22.33	2	23.5		64QAM	64QAM	12	0	22.40	22.45	22.24	2	23.5
		1	99	21.90	21.91	21.98	2	23.5				12	6	22.29	22.40	22.39	2	23.5
		50	0	20.90	21.11	21.05	3	22.5				12	13	22.32	21.39	21.34	2	23.5
		50	25	21.06	21.14	21.09	3	22.5				25	0	22.24	22.47	22.31	2	23.5
		50	50	21.08	21.09	21.00	3	22.5				25	25	21.31	21.44	21.38	3	22.5
20M	QPSK	100	0	21.91	21.10	21.02	3	22.5	QPSK	QPSK	50	0	21.33	21.44	21.35	3	22.5	
		Channel	Channel	1980	1980	1980	MPR	Time-up	Channel	Channel	1980	1980	1980	MPR	Time-up			
		Frequency (MHz)	1980	1980	1980	1980	(dB)	(dBm)	Frequency (MHz)	1980	1980	1980	(dB)	(dBm)				
		1	0	23.88	23.88	23.84	0	25.5	1	0	24.09	24.23	24.24	0	25.5			
		1	37	24.17	24.12	23.83	0	25.5	1	12	24.38	24.40	24.33	0	25.5			
	16QAM	1	74	23.80	23.73	23.67	0	25.5	16QAM	16QAM	1	24	24.15	24.19	24.22	0	25.5	
		36	0	23.07	22.98	22.89	1	24.5			12	0	23.15	23.38	23.21	1	24.5	
		36	19	23.00	22.95	22.84	1	24.5			12	6	23.22	23.38	23.30	1	24.5	
		36	36	23.18	23.11	23.03	1	24.5			12	13	23.32	23.48	23.41	1	24.5	
		75	0	22.90	23.09	22.93	1	24.5			25	0	23.14	23.31	23.31	1	24.5	
15M	16QAM	1	0	22.63	22.74	22.68	1	24.5	16QAM	16QAM	1	0	23.48	23.52	23.43	1	24.5	
		1	37	22.99	23.01	22.94	1	24.5			1	14	23.72	23.69	23.63	1	24.5	
		1	74	22.67	22.65	22.58	1	24.5			1	24	23.40	23.39	23.51	1	24.5	
		36	0	21.91	21.84	21.82	2	23.5			12	0	22.40	22.45	22.24	2	23.5	
		36	19	21.95	21.96	22.01	2	23.5			12	6	22.29	22.40	22.39	2	23.5	
	64QAM	36	36	21.97	22.08	21.79	2	23.5	64QAM	64QAM	12	13	22.32	21.39	21.34	2	23.5	
		75	0	22.10	21.94	22.02	2	23.5			25	0	22.24	22.47	22.31	2	23.5	
		1	0	21.72	21.65	21.56	2	23.5			1	0	22.45	22.54	22.44	2	23.5	
		1	37	21.95	21.91	22.04	2	23.5			1	12	22.47	22.49	22.63	2	23.5	
		1	74	21.70	21.73	21.77	2	23.5			1	24	22.44	22.43	22.61	2	23.5	
15M	16QAM	36	0	20.86	20.79	20.84	3	22.5	16QAM	16QAM	12	0	21.28	21.47	21.31	3	22.5	
		36	19	20.83	20.85	20.80	3	22.5			12	6	21.26	21.35	21.36	3	22.5	
		36	36	20.86	20.86	20.83	3	22.5			12	13	21.39	21.38	21.37	3	22.5	
		75	0	20.86	20.89	20.79	3	22.5			25	0	21.20	21.48	21.29	3	22.5	
		Channel	Channel	1980	1980	1980	MPR	Time-up	Channel	Channel	1980	1980	1980	MPR	Time-up			
15M	QPSK	Frequency (MHz)	1980	1980	1980	1980	(dB)	(dBm)	QPSK	QPSK	Frequency (MHz)	1980	1980	1980	(dB)	(dBm)		
		1	24	24.23	24.02	23.87	0	25.5			1	7	24.38	24.41	24.40	0	25.5	
		1	49	23.91	23.71	23.81	0	25.5			1	14	24.23	24.17	24.28	0	25.5	
		25	0	23.10	22.92	22.91	1	24.5			8	0	23.25	23.29	23.23	1	24.5	
		25	12	23.28	23.26	23.31	1	24.5			8	3	23.33	23.39	23.39	1	24.5	
	16QAM	25	25	23.12	22.98	22.86	1	24.5	16QAM	16QAM	8	7	23.19	23.38	23.37	1	24.5	
		50	0	22.89	23.01	22.97	1	24.5			15	0	23.22	23.21	23.32	1	24.5	
		50	1	22.86	22.91	22.88	1	24.5			1	0	23.49	23.46	23.44	1	24.5	
		1	24	23.00	22.82	22.79	1	24.5			1	7	23.05	23.07	23.50	1	24.5	
		1	49	22.56	22.67	22.54	1	24.5			1	14	23.43	23.46	23.47	1	24.5	
10M	16QAM	25	12	21.91	21.80	21.93	2	23.5	16QAM	16QAM	8	0	22.27	22.45	22.30	2	23.5	
		25	12	21.88	21.84	21.97	2	23.5			8	3	22.30	22.41	22.34	2	23.5	
		25	25	22.00	22.04	21.83	2	23.5			8	7	22.18	22.48	22.30	2	23.5	
		50	0	22.08	21.87	22.04	2	23.5			15	0	22.23	22.37	22.36	2	23.5	
		50	1	21.78	21.79	21.86	2	23.5			1	7	22.52	22.46	22.65	2	23.5	
	64QAM	1	24	22.09	21.88	22.13	2	23.5	64QAM	64QAM	1	14	22.38	22.45	22.50	2	23.5	
		1	49	21.70	21.70	21.63	2	23.5			8	0	21.22	21.40	21.30	3	22.5	
		25	0	20.91	20.79	20.76	3	22.5			8	3	21.30	21.34	21.37	3	22.5	
		25	12	20.88	20.91	20.83	3	22.5			8	7	21.29	21.39	21.24	3	22.5	
		50	0	21.00	20.96	20.80	3	22.5			15	0	21.27	21.37	21.27	3	22.5	
20M	QPSK	Channel	Channel	1980	1980	1980	MPR	Time-up	Channel	Channel	1980	1980	1980	MPR	Time-up			
		Frequency (MHz)	1980	1980	1980	1980	(dB)	(dBm)	Frequency (MHz)	1980	1980	1980	(dB)	(dBm)				
		1	0	23.84	23.91	23.75	0	25.5	1	0	24.15	24.34	24.24	0	25.5			
		1	12	24.18	24.05	23.83	0	25.5	1	2	24.38	24.30	24.41	0	25.5			
		1	24	23.93	23.74	23.73	0	25.5	1	5	24.24	24.17	24.29	0	25.5			
	16QAM	12	0	23.08	22.95	22.91	1	24.5	16QAM	16QAM	3	0	24.21	24.38	24.18	0	25.5	
		12	6	22.99	22.89	22.89	1	24.5			3	1	24.26	24.32	24.32	0	25.5	
		12	13	23.06	22.99	22.91	1	24.5			3	3	24.23	24.27	24.25	0	25.5	
		25	0	22.80	23.11	22.91	1	24.5			6	0	23.22	23.32	23.35	1	24.5	
		1	0	22.77	22.77	22.57	1	24.5										

LTE Band 7											
SW	Modulation	RB Size	RB Offset	Channel	FDD	TDD	FDD	FDD	High	Low	Max. Time-up (MHz)
OFDM		1	0	22.80	22.81	22.80	0	23			23
		1	36	22.73	22.70	22.87	0	23			23
		25	0	22.85	22.81	22.87	1	24			24
		50	0	22.85	22.81	22.87	1	24			24
		100	0	22.85	22.81	22.87	1	24			24
		1	0	22.81	22.80	22.81	1	24			24
		1	40	22.74	22.71	22.75	1	24			24
		1	36	22.67	22.67	22.67	1	24			24
		50	25	22.72	22.69	22.75	2	23			23
		100	0	22.72	22.69	22.75	2	23			23
SC-FDMA		1	36	22.73	22.70	22.76	2	23			23
		50	25	22.74	22.69	22.69	2	23			23
		100	0	22.74	22.69	22.76	2	23			23
		1	36	22.67	22.67	22.67	2	23			23
		50	25	22.68	22.68	22.68	2	23			23
		100	0	22.68	22.68	22.68	2	23			23
		1	36	22.61	22.61	22.61	2	23			23
		50	25	22.62	22.62	22.62	2	23			23
		100	0	22.62	22.62	22.62	2	23			23
		1	36	22.55	22.55	22.55	2	23			23
OFDM		1	37	24.70	24.67	24.69	0	23			23
		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
SC-FDMA		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
		1	74	24.63	24.60	24.65	2	23			23
OFDM		1	37	24.70	24.67	24.69	0	23			23
		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
SC-FDMA		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
		1	74	24.63	24.60	24.65	2	23			23

LTE Band 38											
SW	Modulation	RB Size	RB Offset	Channel	FDD	TDD	FDD	FDD	High	Low	Max. Time-up (MHz)
OFDM		1	0	22.72	22.80	22.80	0	23			23
		1	36	22.75	22.70	22.80	0	23			23
		25	0	22.82	22.84	22.80	1	24			24
		50	0	22.84	22.84	22.84	1	24			24
		100	0	22.84	22.84	22.84	1	24			24
		1	0	22.78	22.78	22.81	1	24			24
		1	40	22.67	22.69	22.71	1	24			24
		1	36	22.72	22.69	22.71	1	24			24
		50	25	22.74	22.69	22.69	2	23			23
		100	0	22.74	22.69	22.71	2	23			23
SC-FDMA		1	36	22.75	22.69	22.69	2	23			23
		50	25	22.76	22.69	22.69	2	23			23
		100	0	22.76	22.69	22.71	2	23			23
		1	36	22.69	22.69	22.69	2	23			23
		50	25	22.70	22.69	22.69	2	23			23
		100	0	22.70	22.69	22.71	2	23			23
		1	36	22.63	22.63	22.63	2	23			23
		50	25	22.64	22.63	22.63	2	23			23
		100	0	22.64	22.63	22.63	2	23			23
		1	36	22.57	22.57	22.57	2	23			23
OFDM		1	37	24.69	24.69	24.67	0	23			23
		1	74	24.60	24.70	24.70	0	23			23
		25	10	24.82	24.84	24.81	1	24			24
		50	0	24.83	24.83	24.83	1	24			24
		75	0	24.84	24.83	24.84	1	24			24
		1	0	24.83	24.83	24.83	1	24			24
		1	37	24.68	24.67	24.68	1	24			24
		50	0	24.70	24.66	24.66	2	23			23
		100	0	24.70	24.66	24.66	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
SC-FDMA		1	74	24.60	24.70	24.70	0	23			23
		25	10	24.82	24.84	24.81	1	24			24
		50	0	24.83	24.83	24.83	1	24			24
		75	0	24.84	24.83	24.84	1	24			24
		1	0	24.83	24.83	24.83	1	24			24
		1	37	24.68	24.67	24.68	1	24			24
		50	0	24.70	24.66	24.66	2	23			23
		100	0	24.70	24.66	24.66	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
		1	74	24.60	24.70	24.70	2	23			23
OFDM		1	37	24.70	24.67	24.69	0	23			23
		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
SC-FDMA		1	74	24.63	24.60	24.65	0	23			23
		25	10	24.77	24.73	24.81	1	24			24
		50	0	24.79	24.76	24.81	1	24			24
		75	0	24.80	24.76	24.84	1	24			24
		1	0	24.76	24.75	24.76	1	24			24
		1	37	24.69	24.65	24.74	1	24			24
		50	0	24.70	24.66	24.74	2	23			23
		100	0	24.70	24.66	24.74	2	23			23
		1	36	24.63	24.63	24.63	2	23			23
		1	74	24.63	24.60	24.65	2	23			23

LTE Band 41 (2480 - 2600MHz)											
SW	Modulation	RB Size	RB Offset	Channel	FDD	TDD	FDD	FDD	High	Low	Max. Time-up (MHz)
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
SC-FDMA		1	0	22.72	22.87	22.83	29	29			29
		1	36	22.64	22.67	22.66	29	29			29
		25	0	22.78	22.81	22.77	29	29			29
		25	36	22.62	22.65	22.63	29	29			29
		1	72	22.56	22.59	22.58	29	29			29
SC-FDMA		1	0	22.72	22.87	22.86	29	29			29
		1	36	22.62	22.67	22.66	29	29			29
		25	0	22.78	22.82	22.77	29	29			29
		25	36	22.62	22.65	22.63	29	29			29
		1	72	22.56	22.59	22.58	29	29			29
OFDM		1	0	22.72	22.87	22.86	29	29			29
		1	36	22.62	22.67	22.66	29	29			29
		25	0	22.78	22.82	22.77	29	29			29
		25	36	22.62	22.65	22.63	29	29			29
		1	72	22.56	22.59	22.58	29	29			29
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1	36	22.65	22.69	22.68	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.83	0	23			23
		1	36	22.64	22.68	22.67	0	23			23
		25	0	22.78	22.88	22.79	0	23			23
		25	36	22.62	22.67	22.66	0	23			23
		1	72	22.56	22.61	22.60	0	23			23
OFDM		1	0	22.72	22.87	22.86	0	23			23
		1	36	22.62	22.67	22.66	0	23			23
		25	0	22.78	22.82	22.77	0	23			23
		25	36	22.62	22.65	22.63	0	23			23
		1	72	22.56	22.59	22.58	0	23			23
OFDM		1	0	22.72	22.87	22.84	0	23			23
		1									

GSM&WCDMA DSI-1

Ant1

Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
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			Max. Tune-up Power (dBm)	WCDMA IV			Max. Tune-up Power (dBm)	WCDMA V			Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
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			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
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		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6	Max. Tune-up Power (dBm)	1712.4	1732.6	1752.6	Max. Tune-up Power (dBm)	826.4	836.4	846.6	Max. Tune-up Power (dBm)
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			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
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 Max. Tune-up Power (dBm)	WCDMA IV			WCDMA IV Max. Tune-up Power (dBm)	WCDMA V			WCDMA V Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
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

Ann1

LTE Band 2									
BW	Modulation	RB Size	RB Offset	Low	Mid	High			
		Channel	Frequency (MHz)	18750 1880	18900 1895	19100 1900	Max Time-up (dBm)		
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		
	16QAM	50	50	23.02	23.01	22.88	24.5		
		100	0	23.07	23.06	22.96	24.5		
		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		
10M	QPSK	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		
		1	0	21.92	21.96	21.97	23.5		
	64QAM	1	50	22.30	22.31	22.33	23.5		
		1	99	21.91	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		
5M	QPSK	100	0	21.01	21.10	21.02	22.5		
		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		
		1	0	22.63	22.74	22.68	24.5		
		1	37	22.99	22.83	22.80	24.5		
10M	16QAM	1	74	22.67	22.65	22.58	24.5		
		36	0	21.91	21.84	21.82	23.5		
		36	19	21.85	21.86	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	21.73	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	20.98	20.93	22.5		
		75	0	20.86	20.89	20.79	22.5		
5M	QPSK	100	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	22.88	22.86	22.81	24.5		
		16QAM	25	25	23.12	22.98	22.86	24.5	
			50	0	22.89	23.01	22.97	24.5	
			1	0	22.86	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	
10M	16QAM	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		
		1	0	21.69	21.78	21.65	23.5		
	64QAM	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	20.88	22.5		
		25	25	21.06	20.85	20.88	22.5		
5M	QPSK	50	0	21.00	20.96	20.80	22.5		
		1	0	23.84	23.81	23.75	25.5		
		1	12	24.18	24.05	23.83	25.5		
		1	24	23.93	23.74	23.75	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		
		1	0	22.77	22.77	22.57	24.5		
		1	12	22.94	22.85	22.83	24.5		
10M	16QAM	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	21.59	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		
5M	QPSK	12	13	20.96	20.84	20.90	22.5		
		25	0	20.92	20.90	20.81	22.5		
		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	22.96	24.5		
		8	7	23.16	22.99	22.81	24.5		
		15	0	23.01	23.03	22.91	24.5		
		1	0	22.69	22.70	22.64	24.5		
3M	16QAM	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		
	64QAM	15	0	21.97	21.82	21.95	23.5		
		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		
1.4M	QPSK	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		
		1	0	23.70	23.75	23.68	25.5		
		1	2	24.05	23.97	24.01	25.5		
	16QAM	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		
3M	16QAM	1	0	23.04	23.00	22.98	24.5		
		1	2	23.36	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	3	22.74	22.88	22.81	24.5		
	64QAM	6	0	22.02	22.01	21.96	23.5		
		1	0	21.79	21.82	21.90	23.5		
		1	2	22.27	22.22	22.19	23.5		
		1	5	21.86	21.84	21.94	23.5		
		3	0	21.72	21.84	21.83	23.5		
1.4M	QPSK	3	1	21.85	21.95	21.88	23.5		
		3	3	21.62	21.84	21.80	23.5		
		6	0	20.97	21.06	20.93	22.5		
		3	3	22.74	22.88	22.66	24.5		
		6	0	22.02	22.01	21.96	23.5		
	64QAM	1	0	21.79	21.82	21.90	23.5		
		1	2	22.27	22.22	22.19	23.5		
		1	5	21.86	21.84	21.94	23.5		
		3	0	21.72	21.84	21.83	23.5		
		3	1	21.85	21.95	21.88	23.5		

LTE DS1-2

Ant1

LTE Band 2										
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max.			
		Channel	Channel	1870	1880	1900	1910	1920	Time-up (dBm)	
Frequency (MHz)										
20M	QPSK	1	0	23.38	23.42	23.33	25			
		1	50	23.40	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	22.85	22.83	22.85	24.5			
	16QAM	50	50	22.82	22.71	22.76	24.5			
		100	0	22.91	22.80	22.87	24.5			
		100	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			
40QAM	16QAM	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	21.87	23.5			
		100	0	21.90	21.86	21.84	23.5			
		1	0	21.76	21.79	21.74	23.5			
	64QAM	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			
60M	QPSK	1	0	20.81	20.97	20.84	22.5			
		1	50	20.81	20.87	20.84	22.5			
		1	99	20.81	20.87	20.84	22.5			
		36	0	22.73	22.78	22.74	24.5			
		36	39	22.82	22.85	22.66	24.5			
	16QAM	75	0	22.88	22.73	22.82	24.5			
		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			
80M	16QAM	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			
		1	0	21.65	21.68	21.62	23.5			
		1	37	22.06	21.93	22.04	23.5			
	64QAM	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	20.84	22.5			
		36	39	20.88	20.86	20.79	22.5			
		75	0	20.79	20.88	20.70	22.5			
BW	Modulation	Channel	Channel	1875	1890	1910	1925	Max. Time-up (dBm)		
Frequency (MHz)										
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			
	16QAM	25	25	22.90	22.82	22.67	24.5			
		50	0	22.84	22.72	22.81	24.5			
		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			
20M	16QAM	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	21.84	23.5			
		50	0	21.78	21.78	21.71	23.5			
		1	0	21.70	21.78	21.62	23.5			
	64QAM	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			
30M	QPSK	50	0	20.79	20.93	20.80	22.5			
		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			
	16QAM	12	6	22.83	22.78	22.85	24.5			
		12	13	22.80	22.81	22.84	24.5			
		25	0	22.79	22.76	22.79	24.5			
		1	0	22.72	22.75	22.80	24.5			
		1	12	23.01	23.26	23.00	24.5			
40M	16QAM	1	24	22.97	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	20.86	20.80	22.5			
		12	6	20.76	20.99	20.90	22.5			
60M	QPSK	12	13	20.82	20.86	20.71	22.5			
		Channel	Channel	18815	18900	19085	19165	Max. Time-up (dBm)		
		Frequency (MHz)	18815	18900	19085	19165	Max. Time-up (dBm)			
		1	0	23.35	23.33	23.27	25			
		1	7	23.37	23.38	23.42	25			
	16QAM	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			
80M	16QAM	1	0	22.66	22.67	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			
	64QAM	8	7	21.81	21.78	21.87	23.5			
		15	0	21.83	21.82	21.79	23.5			
		1	0	21.66	21.70	21.73	23.5			
		1	7	21.85	21.96	21.67	23.5			
		1	14	21.75	21.71	21.73	23.5			
120M	QPSK	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			
		Channel <th>Channel</th> <th>18967</th> <th>18980</th> <th>19093</th> <th>19125</th> <th>Max. Time-up (dBm)</th>	Channel	18967	18980	19093	19125	Max. Time-up (dBm)		
	Frequency (MHz)	18967	18980	19093	19125	Max. Time-up (dBm)				
	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			
16QAM		3	3	23.34	23.34	23.36	25			
		6	0	22.87	22.66	22.79	24.5			
		1	0	22.73	22.75	22.76	24.5			
		1	2	23.13	23.32	23.08	24.5			
		1	5	22.85	22.62	22.87	24.5			
2.0M	16QAM	3	0	22.65	22.70	22.63	24.5			
		3	1	22.69	22.85	22.84	24.5			
		3	3	22.72	22.67	22.53	24.5			
		6	0	21.76	21.77	21.80	23.5			
		1	0	21.65	21.70	21.69	23.5			
	64QAM	1	2	21.79	21.92	21.65	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			
3.0M	16QAM	6	0	20.73	20.84	20.80	22.5			
		1	0	21.65	21.70	21.69	23.5			
		1	2	21.79	21.92	21.65	23.5			
		1	5	21.72	21.62	21.76	23.5			
		3	0	21.79	21.67	21.68	23.5			
	64QAM	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			
		1	0	21.65	21.70	21.69	23.5			
		1	2	21.79	21.92	21.65	23.5			

BW		Modulation	RB Size	RB Offset	LTE Band 2				Max. Time-avg (dBm)
			Channel Frequency (MHz)		1800	1860	1910		
	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	20.28	20.41	20.31	22	
			50	25	20.38	20.30	20.35	22	
			50	50	20.28	20.21	20.17	22	
	16QAM		100	0	20.43	20.28	20.22	22	
			1	0	20.24	20.28	20.29	22	
			1	50	20.43	20.41	20.39	22	
			1	99	20.31	20.30	20.22	22	
			50	0	20.29	20.38	20.24	22	
			50	25	20.31	20.43	20.35	22	
64QAM		50	50	20.28	20.31	20.11	22		
		100	0	20.22	20.25	20.24	22		
		1	0	20.17	20.37	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		
	QPSK		50	25	20.31	20.41	20.40	22	
			50	50	20.27	20.38	20.29	22	
			100	0	20.24	20.29	20.23	22	
		16QAM		Channel	1867.5	1860	1910	1915	Max. Time-avg (dBm)
				Frequency (MHz)	1867.5	1860	1902.5		
				1	0	20.25	20.27	20.13	22
			1	37	20.47	20.49	20.45	22	
			1	74	20.23	20.25	20.27	22	
			36	0	20.09	20.07	20.28	22	
	64QAM		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	
		1	0	20.12	20.16	20.15	22		
		1	37	20.48	20.34	20.28	22		
		1	74	20.23	20.07	20.09	22		
	QPSK		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	20.13	20.13	20.18	22	
			1	0	20.12	20.07	20.13	22	
			1	37	20.35	20.25	20.02	22	
	64QAM		1	74	20.08	20.08	20.05	22	
			36	0	20.16	20.26	20.21	22	
			36	19	20.19	20.28	20.31	22	
			36	39	20.27	20.18	20.18	22	
			75	0	20.15	20.15	20.29	22	
			QPSK		Channel	1865	1860	1910	1905
	Frequency (MHz)			1865	1860	1905			
	1			0	20.15	20.33	20.12	22	
	1			24	20.46	20.40	20.46	22	
	1			49	20.21	20.25	20.27	22	
	25			0	20.19	20.04	20.22	22	
16QAM			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	
			1	0	20.15	20.19	20.22	22	
			1	24	20.33	20.34	20.28	22	
			1	49	20.28	20.15	20.21	22	
	QPSK		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	20.13	20.13	20.18	22	
			1	0	20.17	20.12	20.08	22	
			1	24	20.37	20.20	20.05	22	
	64QAM		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	20.27	20.19	20.27	22	
			50	0	20.19	20.16	20.25	22	
			QPSK		Channel	1862.5	1860	1910	1915
	Frequency (MHz)			1862.5	1860	1907.5			
	1			0	20.25	20.27	20.15	22	
	1			12	20.46	20.45	20.38	22	
	1			24	20.26	20.27	20.24	22	
	12			0	20.14	20.06	20.21	22	
16QAM			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	
			1	0	20.12	20.16	20.25	22	
			1	12	20.29	20.29	20.28	22	
			1	24	20.18	20.12	20.13	22	
64QAM		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	20.17	20.17	20.16	22		
		1	0	20.07	20.06	20.03	22		
		1	12	20.43	20.17	20.03	22		
	QPSK		1	24	20.12	20.14	20.15	22	
			12	0	20.22	20.35	20.14	22	
			12	6	20.40	20.40	20.35	22	
			12	13	20.34	20.32	20.19	22	
			25	0	20.15	20.22	20.28	22	
			25	0	20.15	20.22	20.28	22	
		QPSK		Channel	1861.5	1860	1910	1905	Max. Time-avg (dBm)
				Frequency (MHz)	1861.5	1860	1905		
				1	0	20.19	20.30	20.17	22
				1	7	20.35	20.47	20.44	22
				1	15	20.14	20.20	20.30	22
				8	0	20.14	20.07	20.22	22
16QAM			8	3	20.36	20.17	20.22	22	
			8	7	20.14	20.06	20.06	22	
			15	0	20.34	20.14	20.08	22	
			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	
64QAM		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	20.17	20.17	20.21	22		
		1	0	20.09	20.20	20.09	22		
		1	7	20.42	20.21	20.11	22		
	QPSK		1	14	20.07	20.11	20.14	22	
			8	0	20.15	20.24	20.23	22	
			8	3	20.28	20.43	20.38	22	
			8	7	20.22	20.22	20.20	22	
			15	0	20.22	20.15	20.21	22	
			Channel	1860.7	1860	1910	1905	Max. Time-avg (dBm)	
	QPSK		Frequency (MHz)	1860.7	1860	1905			
			1	0	20.19	20.32	20.21	22	
			1	2	20.46	20.43	20.48	22	
			1	5	20.22	20.40	20.30	22	
			3	0	20.20	20.10	20.30	22	
			3	1	20.34	20.17	20.30	22	
	QPSK		3	3	20.15	20.15	20.16	22	
			6	0	20.42	20.27	20.14	22	
			1	0	20.11	20.39	20.14	22	
			1	2	20.42	20.35	20.31	22	
			3	5	20.24	20.10	20.20	22	
			3	1	20.21	20.31	20.12	22	
	64QAM		3	1	20.17	20.33	20.29	22	
			3	3	20.27	20.28	20.19	22	
			3	1	20.14	20.14	20.16	22	
			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	
QPSK		3	0	20.14	20.31	20.16	22		
		3	1	20.19	20.31	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. Time-avg (dBm)		
		Channel	Frequency (MHz)	20000	20170	20300			
20M	QPSK	1	0	19.81	19.69	19.67	21.5		
		1	50	20.04	20.07	20.16	21.5		
		1	99	19.87	19.96	19.83	21.5		
		50	0	19.92	19.92	19.85	21.5		
		50	25	19.91	19.95	20.07	21.5		
		50	50	19.94	19.94	19.87	21.5		
	16QAM	100	0	19.99	19.97	20.01	21.5		
		50	0	19.77	19.84	19.84	21.5		
		50	50	19.90	19.90	19.86	21.5		
		1	99	19.91	19.90	19.85	21.5		
		50	0	19.96	19.96	19.97	21.5		
		50	25	19.94	19.99	19.96	21.5		
64QAM	100	0	19.81	19.88	19.97	21.5			
	1	0	19.92	19.94	19.97	21.5			
	1	50	19.84	19.93	19.83	21.5			
	1	99	19.76	19.90	19.82	21.5			
	50	0	19.93	19.93	19.84	21.5			
	50	25	19.83	20.01	19.87	21.5			
30M	QPSK	50	50	19.84	19.91	19.87	21.5		
		100	0	19.83	19.93	19.91	21.5		
		Channel	20020	20170	20320	Max. Time-avg (dBm)			
		Frequency (MHz)	1717.5	1732.5	1747.5				
		1	0	19.68	19.68	19.79	21.5		
		1	37	19.88	20.05	20.03	21.5		
	16QAM	1	74	19.81	19.87	19.83	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		
		1	0	19.70	19.71	19.83	21.5		
64QAM	1	37	19.74	19.74	19.75	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	19.96	19.82	21.5			
	36	39	19.76	19.79	19.74	21.5			
	75	0	19.68	19.68	19.67	21.5			
40M	QPSK	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	19.84	19.84	21.5		
		36	39	19.84	19.86	19.85	21.5		
	16QAM	75	0	19.82	19.88	19.76	21.5		
		Channel	20010	20170	20330	Max. Time-avg (dBm)			
		Frequency (MHz)	1716.5	1732.5	1748.5				
		1	0	19.76	19.56	19.60	21.5		
		1	24	20.02	20.03	20.10	21.5		
		1	49	19.74	19.77	19.77	21.5		
64QAM	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			
	1	0	19.73	19.77	19.74	21.5			
	1	24	19.78	19.79	19.80	21.5			
50M	QPSK	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	19.82	19.73	21.5		
		1	0	19.75	19.62	19.74	21.5		
	16QAM	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	19.86	19.80	19.87	21.5		
		50	0	19.77	19.87	19.85	21.5		
60M	QPSK	Channel	19975	20170	20375	Max. Time-avg (dBm)			
		Frequency (MHz)	1712.5	1732.5	1752.5				
		1	0	19.66	19.56	19.77	21.5		
		1	12	19.93	19.96	20.07	21.5		
		1	24	19.74	19.77	19.74	21.5		
		12	0	19.85	19.82	19.83	21.5		
	16QAM	12	6	19.80	19.92	19.94	21.5		
		12	13	19.92	19.86	19.79	21.5		
		25	0	19.74	19.85	19.88	21.5		
		1	0	19.73	19.76	19.71	21.5		
		1	12	19.80	19.82	19.74	21.5		
		1	24	19.83	19.87	19.86	21.5		
64QAM	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	19.74	19.88	21.5			
	1	0	19.68	19.62	19.74	21.5			
	1	12	19.73	19.80	19.69	21.5			
70M	QPSK	1	24	19.67	19.79	19.73	21.5		
		12	0	19.72	19.89	19.90	21.5		
		12	6	19.81	19.87	19.77	21.5		
		12	13	19.80	19.86	19.80	21.5		
		25	0	19.80	19.87	19.82	21.5		
		Channel	19965	20170	20385	Max. Time-avg (dBm)			
	16QAM	Frequency (MHz)	1711.5	1732.5	1753.5				
		1	0	19.77	19.59	19.85	21.5		
		1	7	19.66	19.66	20.08	21.5		
		1	14	19.75	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		
64QAM	8	7	19.85	19.79	19.73	21.5			
	15	0	19.90	19.95	19.91	21.5			
	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			
90M	8	3	19.82	19.85	19.88	21.5			
	8	7	19.85	19.78	19.79	21.5			
	15	0	19.79	19.77	19.87	21.5			
	1	0	19.68	19.72	19.69	21.5			
	1	7	19.77	19.88	19.80	21.5			
	1	14	19.70	19.78	19.79	21.5			
120M	QPSK	0	19.74	19.85	19.79	21.5			
		3	0	19.84	19.84	19.74	21.5		
		8	7	19.87	19.77	19.83	21.5		
		15	0	19.79	19.79	19.90	21.5		
		Channel	19957	20170	20385	Max. Time-avg (dBm)			
		Frequency (MHz)	1711.5	1732.5	1754.5				
16QAM	1	0	19.77	19.67	19.79	21.5			
	1	7	19.66	19.67	20.02	21.5			
	1	5	19.83	19.80	19.73	21.5			
	3	1	19.78	19.83	19.81	21.5			
	3	1	19.77	19.87	20.05	21.5			
	1	0	19.91	19.83	19.82	21.5			
240M	QPSK	1	0	19.64	19.70	19.70	21.5		
		1	2	19.86	19.79	19.76	21.5		
		1	5	19.90	19.88	19.77	21.5		
		3	1	19.85	19.86	19.93	21.5		
		3	3	19.80	19.90	19.80	21.5		
		6	0	19.69	19.73	19.89	21.5		
360M	QPSK	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	19.63	19.60	21.5		
		3	1	19.81	19.78	19.81	21.5		
		3	3	19.80	19.78	19.82	21.5		
480M	QPSK	6	0	19.74	19.80	19.80	21.5		

LTE Band 5								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tx Power (dBm)	
		Channel	Frequency (MHz)	5248	5928	5968		
QPSK		1	0	24.25	24.35	24.32	25.5	
		1	24	24.30	24.43	24.44	25.5	
		1	49	24.25	24.27	24.34	25.5	
		25	0	23.30	23.30	23.30	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	
		1	0	23.50	23.55	23.56	24.5	
		1	24	23.54	23.61	23.65	24.5	
		1	49	23.53	23.54	23.55	24.5	
16QAM		25	0	22.41	22.50	22.37	23.5	
		25	12	22.38	22.43	22.47	23.5	
		25	25	22.33	22.40	22.45	23.5	
		50	0	22.37	22.48	22.41	23.5	
		1	0	22.44	22.50	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	21.42	21.32	22.5	
		25	12	21.37	21.42	21.39	22.5	
		25	25	21.31	21.44	21.38	22.5	
64QAM		50	0	21.33	21.47	21.35	22.5	
		Channel	5928	5928	5928	Max. Tx Power (dBm)		
		Frequency (MHz)	526.5	536.5	546.5			
		1	0	24.09	24.23	24.24	25.5	
		1	12	24.38	24.40	24.33	25.5	
		1	24	24.15	24.22	24.22	25.5	
		QPSK	12	0	23.15	23.38	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	23.70	23.60	23.60	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	22.24	22.31	23.5	
		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	
64QAM		12	0	21.28	21.47	21.31	22.5	
		12	6	21.26	21.35	21.36	22.5	
		12	13	21.29	21.29	21.34	22.5	
		25	0	21.20	21.45	21.25	22.5	
		Channel	5916	5926	5936	Max. Tx Power (dBm)		
		Frequency (MHz)	524.5	536.5	547.5			
		1	0	24.18	24.25	24.29	25.5	
		1	7	24.38	24.41	24.30	25.5	
		1	14	24.14	24.22	24.28	25.5	
		QPSK	8	0	23.25	23.29	23.23	24.5
8	3	23.23	23.30	23.30	24.5			
16QAM		8	7	23.19	23.36	23.37	24.5	
		15	0	23.22	23.21	23.32	24.5	
		1	0	22.46	22.36	22.44	24.5	
		1	7	23.05	23.07	23.00	24.5	
		1	14	23.43	23.48	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	21.29	21.27	21.34	22.5	
		1	0	22.27	22.25	22.46	23.5	
64QAM		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	21.29	21.34	22.5	
		15	0	21.27	21.37	21.27	22.5	
		Channel	5940	5950	5960	Max. Tx Power (dBm)		
		Frequency (MHz)	524.7	536.5	548.3			
		1	0	24.15	24.34	24.24	25.5	
		1	2	24.38	24.35	24.41	25.5	
1	5	24.21	24.28	24.29	25.5			
QPSK	3	0	24.21	24.38	24.18	25.5		
3	1	24.26	24.32	24.30	25.5			
3	3	24.23	24.27	24.25	25.5			
16QAM		6	0	23.21	23.22	23.30	24.5	
		6	4	23.46	23.39	23.48	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	23.31	23.43	24.5	
		6	0	22.22	22.47	22.33	23.5	
		1	0	22.42	22.52	22.43	23.5	
		1	2	22.58	22.57	22.58	23.5	
64QAM		1	5	22.38	22.31	22.44	23.5	
		3	0	22.22	22.39	22.20	23.5	
		3	1	22.41	22.41	22.38	23.5	
		3	3	22.18	22.39	22.37	23.5	
		6	0	21.26	21.37	21.21	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

Annex

LTE Band 2									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	SCPP	Max.	Max. Turn-up (dBm)
		Channel Frequency (MHz)	1880	1960	1960	MPR (dB)	Turn-up (dBm)		
20M	QPSK	1	0	23.70	23.75	23.77	0	23.5	
		1	50	24.15	24.14	24.13	0	23.5	
		1	99	23.72	23.70	23.67	0	23.5	
		50	0	22.96	23.06	23.02	1	24.5	
		50	25	23.10	23.09	23.05	1	24.5	
	16QAM	50	50	23.07	23.08	23.04	1	24.5	
		100	0	23.08	23.06	23.07	1	24.5	
		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	23.09	1	24.5	
40QAM	16QAM	50	0	22.91	22.98	23.02	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	
		1	0	21.87	22.00	21.98	2	23.5	
	64QAM	1	50	22.30	22.39	22.38	2	23.5	
		1	99	22.05	21.96	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	
BW	Modulation	Channel Frequency (MHz)	1887.5	1990	1912.5	SCPP MPR (dB)	Max. Turn-up (dBm)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	1887.5	1880	1902.5	MPR (dB)	Turn-up (dBm)		
	QPSK	1	0	23.61	23.61	23.71	0	23.5	
		1	37	24.01	24.01	24.01	0	23.5	
		1	74	23.60	23.60	23.69	0	23.5	
		36	0	22.90	23.05	23.00	1	24.5	
		36	19	23.05	23.01	22.95	1	24.5	
	16QAM	36	36	23.01	23.00	23.07	1	24.5	
		75	0	23.04	23.04	23.94	1	24.5	
		1	0	22.75	22.85	22.97	1	24.5	
		1	37	23.26	23.42	23.39	1	24.5	
		1	74	22.89	22.88	22.97	1	24.5	
	64QAM	36	0	21.88	22.15	21.95	2	23.5	
		36	19	22.00	22.20	22.14	2	23.5	
		36	36	22.02	22.02	21.80	2	23.5	
		75	0	21.97	22.08	21.96	2	23.5	
		1	0	21.82	21.99	21.90	2	23.5	
10M	QPSK	1	0	23.29	23.26	23.27	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	
	16QAM	36	36	21.05	21.00	20.93	3	22.5	
		75	0	20.90	21.06	20.93	3	22.5	
		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	
40QAM	16QAM	36	0	20.84	21.09	20.89	3	22.5	
		36	19	20.94	21.10	21.01	3	22.5	
		36	36	21.05	21.00	20.93	3	22.5	
		75	0	20.90	21.06	20.93	3	22.5	
		1	0	20.84	21.09	20.89	3	22.5	
	64QAM	1	0	20.84	21.09	20.89	3	22.5	
		1	24	21.11	21.09	21.07	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	25	21.07	21.06	20.88	3	22.5	
BW	Modulation	Channel Frequency (MHz)	1887.5	1990	1912.5	SCPP MPR (dB)	Max. Turn-up (dBm)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	1887.5	1880	1902.5	MPR (dB)	Turn-up (dBm)		
	QPSK	1	0	23.62	23.63	23.64	0	23.5	
		1	12	24.05	24.01	23.98	0	23.5	
		1	24	23.68	23.71	23.69	0	23.5	
		12	0	22.88	23.02	22.88	1	24.5	
		12	6	22.97	23.02	23.02	1	24.5	
	16QAM	12	13	23.03	22.95	22.95	1	24.5	
		25	0	23.02	22.98	23.04	1	24.5	
		1	0	22.87	22.90	23.01	1	24.5	
		1	12	23.29	23.46	23.25	1	24.5	
		1	24	23.01	23.07	22.98	1	24.5	
	64QAM	12	6	21.98	22.17	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	
		1	0	21.77	21.96	21.85	2	23.5	
3M	16QAM	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	
	64QAM	25	0	20.92	21.02	20.90	3	22.5	
		1	0	20.84	21.09	21.04	3	22.5	
		1	1	21.26	21.26	21.26	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	
BW	Modulation	Channel Frequency (MHz)	1887.5	1990	1912.5	SCPP MPR (dB)	Max. Turn-up (dBm)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	1887.5	1880	1902.5	MPR (dB)	Turn-up (dBm)		
	QPSK	1	0	23.67	23.70	23.70	0	23.5	
		1	7	24.00	24.11	24.04	0	23.5	
		1	14	23.60	23.66	23.67	0	23.5	
		8	0	22.87	23.02	22.90	1	24.5	
		8	3	23.04	23.05	22.99	1	24.5	
	16QAM	8	7	23.03	23.02	23.00	1	24.5	
		15	0	23.05	23.02	22.91	1	24.5	
		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	
	64QAM	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	
		1	0	21.84	21.89	21.84	2	23.5	
1.4M	QPSK	1	7	22.25	22.28	22.36	2	23.5	
		1	14	21.95	21.86	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	21.13	20.95	3	22.5	
	16QAM	15	0	21.02	21.10	20.88	3	22.5	
		1	0	21.77	22.14	21.86	2	23.5	
		1	7	22.26	22.27	22.31	2	23.5	
		1	14	21.95	21.86	21.93	2	23.5	
		3	0	20.92	21.08	21.00	3	22.5	
BW	Modulation	Channel Frequency (MHz)	1887.5	1990	1912.5	SCPP MPR (dB)	Max. Turn-up (dBm)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	1887.5	1880	1902.5	MPR (dB)	Turn-up (dBm)		
	QPSK	1	0	23.68	23.70	23.66	0	23.5	
		1	2	24.04	24.14	24.05	0	23.5	
		1	5	23.71	23.72	23.69	0	23.5	
		3	0	23.63	23.64	23.60	0	23.5	
		3	1	23.86	23.86	23.76	0	23.5	
	16QAM	3	3	23.74	23.79	23.70	0	23.5	
		6	0	23.95	23.94	22.92	1	24.5	
		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	
	64QAM	3	1	22.71	22.89	22.74	1	24.5	
		3	1	22.79	23.02	22.85	1	24.5	
		3	3	22.84	22.86	22.62	1	24.5	
		6	0	22.93	23.14	23.06	2	23.5	
		1	0	21.77	21.94	21.88	2	23.5	

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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	(dBm)	1712.4	1732.6	1752.6	(dBm)	826.4	836.40	846.6	(dBm)
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

GSM&WCDMA DSI-2

Ant4

Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
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			Max. Tune-up Power (dBm)	WCDMA IV			Max. Tune-up Power (dBm)	WCDMA V			Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
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

GSM&WCDMA DSI-4

Ant4

Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
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			Max. Tune-up Power (dBm)	WCDMA IV			Max. Tune-up Power (dBm)	WCDMA V			Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
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 DS-1

Ann 4

		LTE Band 2					
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
20M	QPSK	Frequency (MHz)		18700	18800	18900	
		1	0	13.63	13.90	13.89	15.5
		1	50	14.30	14.20	14.24	15.5
		1	99	13.67	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	13.98	15.5
		100	0	13.90	13.99	13.71	15.5
		64QAM	1	0	13.97	13.76	13.70
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	
15M	QPSK		Channel		18875	18900	19125
		Frequency (MHz)		18875	18880	19025	
		1	0	13.79	13.77	13.62	15.5
		1	24	14.24	14.10	14.18	15.5
		1	37	14.19	14.04	14.18	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
	16QAM	36	39	13.76	13.70	13.72	15.5
		75	0	13.88	13.84	13.66	15.5
		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	13.95	13.87	15.5
64QAM	75	0	13.75	13.97	13.61	15.5	
	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	13.69	13.85	13.66	15.5	
	36	19	13.88	13.95	13.87	15.5	
	36	39	13.80	13.80	13.69	15.5	
	75	0	13.67	13.95	13.66	15.5	
10M	QPSK	Channel		18850	18860	19150	Max. Tune-up (dBm)
		Frequency (MHz)		18850	18855	19050	
		1	0	13.79	13.77	13.62	15.5
		1	24	14.24	14.10	14.17	15.5
		1	49	13.85	13.87	13.80	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
	16QAM	50	0	13.78	13.80	13.66	15.5
		1	0	13.60	13.62	13.74	15.5
		1	24	13.98	13.98	14.00	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	13.93	13.93	13.84	15.5
		50	0	13.80	13.91	13.62	15.5
64QAM	1	0	13.83	13.68	13.58	15.5	
	1	24	13.96	13.95	14.04	15.5	
	1	49	13.60	13.64	13.70	15.5	
	25	0	13.57	13.65	13.69	15.5	
	25	12	13.75	13.90	13.82	15.5	
	25	25	13.75	13.88	13.67	15.5	
	50	0	13.67	13.99	13.72	15.5	
	5M	QPSK	Channel		18825	18860	19175
Frequency (MHz)				18825.0	18860	1907.5	
1			0	13.74	13.88	13.75	15.5
1			12	14.12	14.10	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
25			0	13.77	13.86	13.69	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	13.84	13.64	15.5
		25	0	13.77	13.86	13.70	15.5
		64QAM	1	0	13.83	13.72	13.50
1	12		13.91	14.01	14.07	15.5	
1	24		13.61	13.68	13.76	15.5	
12	0		13.66	13.76	13.76	15.5	
12	6		13.88	13.95	13.98	15.5	
12	13		13.82	13.86	13.60	15.5	
25	0		13.64	13.97	13.74	15.5	
3M	QPSK		Channel		18815	18860	19188
		Frequency (MHz)		18815.0	18860	1908.8	
		1	0	13.62	13.89	13.83	15.5
		1	7	14.17	14.16	14.23	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	13.75	15.5
	16QAM	15	0	13.89	13.78	13.65	15.5
		1	0	13.57	13.60	13.81	15.5
		1	7	13.91	14.00	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	13.88	15.5
		15	0	13.88	13.88	13.69	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	
	1.4M	QPSK	Channel		18807	18860	19193
Frequency (MHz)				18807.0	18860	1909.3	
1			0	13.78	13.81	13.80	15.5
1			2	14.20	14.16	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
16QAM		6	0	13.76	13.80	13.63	15.5
		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	13.68	13.68	13.63	15.5
		6	0	13.63	13.80	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	13.80	13.81	15.5	
	3	3	13.75	13.80	13.55	15.5	
	6	0	13.72	13.99	13.68	15.5	
	1	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		20950	20975	20980		
20M	QPSK	Frequency (MHz)						
		1	0	13.70	13.62	13.87	15.5	
		1	50	14.07	14.11	14.12	15.5	
		1	99	13.93	13.77	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	
		1	0	13.86	13.70	13.77	15.5	
		1	50	13.82	13.94	13.86	15.5	
	16QAM	1	99	13.94	13.71	13.99	15.5	
		50	0	13.70	13.69	13.71	15.5	
		50	25	13.73	13.80	13.89	15.5	
		50	50	13.99	13.84	13.99	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	13.87	15.5		
1	99		13.79	13.83	13.84	15.5		
50	0		13.88	13.87	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		
15M	QPSK		Channel					
			Frequency (MHz)					
			1	0	13.69	13.79	13.74	15.5
		1	37	14.08	13.99	14.06	15.5	
		1	74	13.88	13.99	13.79	15.5	
		36	0	13.65	13.61	13.63	15.5	
		36	39	13.73	13.76	13.73	15.5	
		75	0	13.76	13.60	13.66	15.5	
		75	0	13.76	13.54	13.63	15.5	
		1	0	13.81	13.70	13.72	15.5	
	16QAM	1	37	13.80	13.84	13.73	15.5	
		1	74	13.91	13.66	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	13.74	13.73	13.63	15.5	
		75	0	13.64	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	13.67	13.67	13.70	15.5		
	36	19	13.68	13.94	13.83	15.5		
	36	39	13.77	13.89	13.69	15.5		
	75	0	13.74	13.69	13.64	15.5		
	10M	QPSK	Channel					
			Frequency (MHz)					
			1	0	13.55	13.65	13.77	15.5
1			24	14.01	13.99	14.06	15.5	
1			49	13.88	13.98	13.74	15.5	
25			0	13.69	13.68	13.53	15.5	
25			12	13.62	13.62	13.76	15.5	
25			25	13.58	13.56	13.75	15.5	
50			0	13.67	13.61	13.70	15.5	
1			0	13.71	13.67	13.70	15.5	
16QAM		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	13.98	13.82	15.5		
	25	25	13.80	13.90	13.67	15.5		
	50	0	13.69	13.61	13.77	15.5		
	5M	QPSK	Channel					
			Frequency (MHz)					
			1	0	13.65	13.91	13.77	15.5
1			12	14.06	14.00	14.04	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	
25			0	13.67	13.68	13.74	15.5	
1			0	13.74	13.63	13.76	15.5	
1			12	13.73	13.88	13.71	15.5	
16QAM		1	24	13.79	13.61	13.53	15.5	
		12	0	13.60	13.62	13.66	15.5	
		12	6	13.72	13.78	13.83	15.5	
		12	13	13.84	13.85	13.65	15.5	
		25	0	13.65	13.65	13.59	15.5	
		64QAM	1	0	13.58	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		13.61	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	13.65	15.5		
3M	QPSK		Channel					
			Frequency (MHz)					
			1	0	13.59	13.77	13.82	15.5
		1	7	14.06	14.00	14.04	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	
		1	0	13.74	13.70	13.64	15.5	
	16QAM	1	7	13.76	13.93	13.82	15.5	
		1	14	13.80	13.59	13.58	15.5	
		8	0	13.67	13.55	13.60	15.5	
		8	3	13.89	13.68	13.76	15.5	
		8	7	13.76	13.81	13.81	15.5	
		15	0	13.67	13.65	13.67	15.5	
1.4M	QPSK	Channel						
		Frequency (MHz)						
		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	13.62	13.74	15.5	
		8	3	13.79	13.81	13.81	15.5	
		8	7	13.85	13.81	13.67	15.5	
		15	0	13.72	13.68	13.75	15.5	
		16QAM	1	0	13.62	13.62	13.78	15.5
	1		2	14.06	14.00	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		3	13.64	13.63	13.66	15.5	
	6		0	13.76	13.72	13.70	15.5	
	64QAM	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	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
3		1	13.74	13.74	13.86	15.5		
3		3	13.80	13.85	13.70	15.5		
6		0	13.73	13.70	13.71	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	13.79	13.66	13.84	15.5		
	3	1	13.74	13.74	13.86	15.5		
	3	3	13.80	13.85	13.70	15.5		
	6	0	13.73	13.70	13.71	15.5		
	64QAM	1	0	13.68	13.72			

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		LTE Band 2						
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel	Frequency (MHz)	1860	1880	1900		
20M	QPSK	1	0	20.95	20.88	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	
	16QAM	50	50	20.73	20.84	20.81	22.5	
		100	0	20.96	20.88	20.87	22.5	
		1	0	20.79	20.83	20.81	22.5	
		1	50	20.97	21.05	21.00	22.5	
		1	99	20.80	20.80	20.74	22.5	
20M	16QAM	50	0	20.81	20.98	20.78	22.5	
		50	25	20.82	20.95	20.90	22.5	
		50	50	20.86	20.84	20.82	22.5	
		100	0	20.86	21.02	20.85	22.5	
		1	0	20.98	20.88	20.65	22.5	
	64QAM	1	50	21.05	20.79	20.64	22.5	
		1	99	20.86	20.71	20.85	22.5	
		50	0	20.64	20.89	20.68	22.5	
		50	25	20.88	21.00	20.84	22.5	
		50	50	20.84	20.87	20.69	22.5	
20M	QPSK	100	0	20.70	20.96	20.82	22.5	
		Channel	1867.5	1880	1902.5	Max. Tune-up (dBm)		
		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	
	15M	16QAM	36	0	20.59	20.78	20.68	22.5
			36	19	20.78	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
			1	0	20.70	20.68	20.68	22.5
64QAM		1	37	20.85	20.92	20.90	22.5	
		1	74	20.69	20.82	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	
10M	16QAM	75	0	20.73	20.82	20.52	22.5	
		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	
	64QAM	36	19	20.81	20.90	20.81	22.5	
		36	39	20.69	20.77	20.69	22.5	
		75	0	20.67	20.83	20.78	22.5	
		Channel	1860	1880	1910	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	20.88	20.99	22.5	
		1	49	20.99	20.99	20.90	22.5	
		25	0	20.68	20.84	20.70	22.5	
		25	12	20.67	20.78	20.71	22.5	
	16QAM	25	25	20.69	20.81	20.67	22.5	
		50	0	20.86	20.84	20.80	22.5	
		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	
5M	16QAM	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	
		1	0	20.88	20.56	20.59	22.5	
	64QAM	1	24	20.91	20.72	20.58	22.5	
		1	49	20.63	20.69	20.78	22.5	
		25	0	20.67	20.77	20.59	22.5	
		25	12	20.83	20.86	20.82	22.5	
		25	25	20.76	20.84	20.65	22.5	
5M	QPSK	50	0	20.61	20.90	20.68	22.5	
		Channel	1862.5	1880	1910.5	Max. Tune-up (dBm)		
		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	
	16QAM	12	0	20.67	20.79	20.82	22.5	
		12	6	20.68	20.76	20.68	22.5	
		12	13	20.72	20.74	20.74	22.5	
		25	0	20.92	20.75	20.58	22.5	
		1	0	20.69	20.78	20.74	22.5	
3M	16QAM	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	20.84	22.5	
		12	6	20.78	20.86	20.86	22.5	
		12	13	20.80	20.92	20.59	22.5	
	64QAM	25	0	20.85	21.00	20.53	22.5	
		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	
3M	QPSK	12	6	20.81	20.92	20.87	22.5	
		12	13	20.80	20.80	20.85	22.5	
		25	0	20.56	20.86	20.65	22.5	
		Channel	1861.5	1880	1910.5	Max. Tune-up (dBm)		
		Frequency (MHz)	1857	1880	1903			
	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	20.86	22.5
			8	0	20.83	20.75	20.70	22.5
			8	3	20.85	20.86	20.73	22.5
16QAM		8	7	20.67	20.80	20.80	22.5	
		15	0	20.91	20.75	20.55	22.5	
		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	
1.4M	16QAM	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	
		1	0	20.92	20.62	20.57	22.5	
	64QAM	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	
BW	QPSK	Channel	1860.7	1880	1910.2	Max. Tune-up (dBm)		
		Frequency (MHz)	1857.7	1880	1903.2			
		1	0	20.85	20.75	20.77	22.5	
		1	2	21.07	21.06	20.95	22.5	
		1	5	20.94	21.03	20.86	22.5	
	16QAM	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	
		1	0	20.73	20.79	20.74	22.5	
		1	2	20.98	20.91	20.92	22.5	
64QAM	1	5	20.73	20.55	20.87	22.5		
	3	0	20.77	20.92	20.78	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		
1.4M	64QAM	1	0	20.68	20.59	20.59	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	

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		LTE Band 2						
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel Frequency (MHz)	Channel Offset (MHz)	18700 18800	18900 19000	19100 19200		
20M	QPSK	1	0	16.90	16.93	16.94	18.5	
		1	50	17.20	17.33	17.33	18.5	
		1	99	16.92	16.93	17.01	18.5	
		50	0	16.68	16.68	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	
		1	0	16.67	16.84	16.89	18.5	
		1	50	17.02	17.14	17.09	18.5	
		1	99	16.85	16.71	16.81	18.5	
	16QAM	50	0	16.90	16.96	16.76	18.5	
		50	25	16.97	16.85	16.80	18.5	
		50	50	16.98	17.00	16.82	18.5	
		100	0	16.93	17.11	16.75	18.5	
		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	16.52	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	
15M	QPSK	Channel Frequency (MHz)	Channel Offset (MHz)	1887.5 1885	1890 1895	1902.5 1905	Max. Tune-up (dBm)	
		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	16.53	16.77	16.77	18.5	
		36	39	16.75	16.77	16.75	18.5	
		75	0	16.68	16.79	16.72	18.5	
		1	0	16.57	16.61	16.85	18.5	
		1	37	16.88	17.01	16.94	18.5	
	16QAM	1	74	16.69	16.76	16.94	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	16.96	18.5	
		1	0	16.54	16.57	16.85	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	16.88	18.5	
		75	0	16.81	16.88	16.83	18.5	
10M	QPSK	Channel Frequency (MHz)	Channel Offset (MHz)	1885 1885	1885 1885	1885 1885	Max. Tune-up (dBm)	
		1	0	16.86	16.87	16.75	18.5	
		1	24	17.24	17.13	17.28	18.5	
		1	49	16.89	16.89	16.91	18.5	
		25	0	16.58	16.73	16.59	18.5	
		25	12	16.66	16.80	16.71	18.5	
		25	25	16.76	16.77	16.66	18.5	
		50	0	16.89	16.89	16.75	18.5	
		50	0	16.53	16.51	16.53	18.5	
		1	24	16.93	17.08	16.98	18.5	
	16QAM	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	16.94	18.5	
		25	25	16.85	16.98	16.78	18.5	
		50	0	16.89	17.08	16.61	18.5	
		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	16.98	18.5	
		25	0	16.85	16.85	16.78	18.5	
		25	12	16.82	16.84	16.94	18.5	
		25	25	16.98	16.82	16.82	18.5	
5M	QPSK	Channel Frequency (MHz)	Channel Offset (MHz)	1882.5 1882.5	1885 1885	1887.5 1887.5	Max. Tune-up (dBm)	
		1	0	16.75	16.80	16.82	18.5	
		1	12	17.21	17.19	17.20	18.5	
		1	24	16.81	16.86	16.96	18.5	
		12	0	16.60	16.82	16.51	18.5	
		12	6	16.60	16.83	16.64	18.5	
		12	13	16.74	16.83	16.72	18.5	
		25	0	16.89	16.84	16.65	18.5	
		1	0	16.55	16.53	16.78	18.5	
		1	12	16.89	17.00	16.95	18.5	
	16QAM	1	24	16.84	16.82	16.98	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	
		1	0	16.98	16.94	16.85	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	
3M	QPSK	Channel Frequency (MHz)	Channel Offset (MHz)	1881.5 1881.5	1880 1880	1880.5 1880.5	Max. Tune-up (dBm)	
		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	16.88	18.5	
		8	0	16.67	16.76	16.57	18.5	
		8	3	16.90	16.76	16.72	18.5	
		8	7	16.74	16.88	16.65	18.5	
		15	0	16.80	16.91	16.59	18.5	
		1	0	16.52	16.54	16.85	18.5	
		1	7	16.97	17.10	17.05	18.5	
	16QAM	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	17.08	16.74	18.5	
		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	
1.4M	QPSK	Channel Frequency (MHz)	Channel Offset (MHz)	1880.7 1880.7	1880 1880	1880.3 1880.3	Max. Tune-up (dBm)	
		1	0	16.89	16.92	16.99	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	16.76	16.82	16.87	18.5	
		6	0	16.83	16.90	16.61	18.5	
		1	0	16.55	16.61	16.77	18.5	
		1	2	16.87	17.09	17.05	18.5	
	16QAM	1	5	16.78	16.63	16.81	18.5	
		3	0	16.80	16.82	16.73	18.5	
		3	1	16.83	16.90	16.76	18.5	
		3	3	16.94	16.89	16.55	18.5	
		6	0	16.89	16.99	16.69	18.5	
		1	0	16.97	16.82	16.99	18.5	
		1	2	16.91	17.19	17.16	18.5	
		1	5	16.87	16.89	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	

LTE Band 4									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)		
		Channel Frequency (MHz)	Channel	20950 21000	21050 21100	21150 21200			
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		
	16QAM	100	0	17.30	17.19	17.41	19		
		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		
64QAM	50	50	17.23	17.39	17.16	19			
	100	0	17.28	17.28	17.29	19			
	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			
BW	Modulation	Channel	20950 21000	20975 21025	20950 21000	20975 21025	20950 21000	Max. Tune-up (dBm)	
		Frequency (MHz)	1717.5	1732.5	1747.5				
		QPSK	1	0	17.13	17.41	17.21	19	
		1	37	17.56	17.46	17.55	19		
		1	74	17.35	17.19	17.31	19		
		36	0	17.24	17.10	17.16	19		
15M	QPSK	36	19	17.27	17.31	17.18	19		
		36	39	17.20	17.68	17.22	19		
		75	0	17.22	17.10	17.26	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		
	16QAM	36	19	17.29	17.18	17.27	19		
		36	39	17.13	17.28	17.04	19		
		75	0	17.17	17.24	17.20	19		
		1	0	17.17	17.15	17.36	19		
		37	0	17.28	17.16	17.15	19		
		1	74	17.13	17.25	17.16	19		
64QAM	38	0	17.42	17.48	17.19	19			
	36	19	17.25	17.60	17.46	19			
	36	39	17.49	17.55	17.05	19			
	75	0	17.11	17.33	17.19	19			
	1	0	17.11	17.14	17.35	19			
	1	74	17.14	17.18	17.17	19			
10M	QPSK	Channel	20950 21000	20975 21025	20950 21000	20975 21025	20950 21000	Max. Tune-up (dBm)	
		Frequency (MHz)	1717.5	1732.5	1747.5				
		1	0	17.27	17.34	17.21	19		
		1	24	17.52	17.45	17.62	19		
		1	49	17.26	17.17	17.29	19		
		25	0	17.35	17.18	17.18	19		
	16QAM	25	12	17.35	17.30	17.29	19		
		25	25	17.27	17.08	17.24	19		
		50	0	17.26	17.06	17.39	19		
		1	0	17.43	17.19	17.27	19		
		1	24	17.31	17.08	17.33	19		
		1	49	17.27	17.08	17.01	19		
64QAM	25	0	17.18	17.22	17.17	19			
	25	12	17.26	17.27	17.36	19			
	25	25	17.12	17.26	17.03	19			
	50	0	17.24	17.17	17.17	19			
	1	0	17.10	17.17	17.41	19			
	1	24	17.21	17.16	17.10	19			
BW	Modulation	Channel	19975 20025	20075 20125	20075 20125	20075 20125	20075 20125	Max. Tune-up (dBm)	
		Frequency (MHz)	1717.5	1732.5	1747.5				
		QPSK	1	0	17.16	17.41	17.23	19	
		1	12	17.51	17.47	17.63	19		
		1	24	17.36	17.15	17.33	19		
		12	0	17.19	17.10	17.26	19		
5M	QPSK	12	6	17.36	17.25	17.23	19		
		12	13	17.16	17.22	17.27	19		
		25	0	17.21	17.05	17.39	19		
		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		
	16QAM	12	0	17.31	17.08	17.14	19		
		12	6	17.29	17.29	17.15	19		
		12	13	17.17	17.29	17.08	19		
		25	0	17.19	17.23	17.23	19		
		1	0	17.12	17.15	17.29	19		
		1	12	17.21	17.22	17.05	19		
64QAM	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	17.45	17.11	19			
	25	0	17.09	17.13	17.44	19			
	1	0	17.12	17.18	17.33	19			
3M	QPSK	Channel	19965 20015	20075 20085	20085 20095	20085 20095	20085 20095	Max. Tune-up (dBm)	
		Frequency (MHz)	1717.5	1732.5	1747.5				
		1	0	17.18	17.42	17.17	19		
		1	7	17.55	17.45	17.52	19		
		1	14	17.34	17.24	17.34	19		
		8	0	17.24	17.04	17.14	19		
	16QAM	8	3	17.37	17.27	17.17	19		
		8	7	17.19	17.23	17.16	19		
		15	0	17.19	17.18	17.26	19		
		1	0	17.42	17.42	17.22	19		
		1	7	17.23	17.38	17.26	19		
		1	14	17.27	17.18	17.06	19		
64QAM	8	0	17.15	17.13	17.06	19			
	8	3	17.23	17.33	17.44	19			
	8	7	17.17	17.12	17.15	19			
	15	0	17.16	17.20	17.19	19			
	1	0	17.12	17.18	17.33	19			
	1	7	17.28	17.27	17.11	19			
BW	Modulation	Channel	19965 20015	20075 20085	20085 20095	20085 20095	20085 20095	Max. Tune-up (dBm)	
		Frequency (MHz)	1717.5	1732.5	1747.5				
		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		
1.4M	QPSK	3	1	17.32	17.17	17.19	19		
		3	3	17.30	17.15	17.16	19		
		6	0	17.23	17.16	17.35	19		
		1	0	17.42	17.15	17.28	19		
		1	2	17.50	17.38	17.27	19		
		1	5	17.35	17.26	17.07	19		
	16QAM	3	0	17.21	17.03	17.14	19		
		3	1	17.28	17.28	17.39	19		
		3	3	17.22	17.09	17.02	19		
		6	0	17.14	17.21	17.28	19		
		1	0	17.36	17.16	17.41	19		
		1	2	17.29	17.28	17.09	19		
64QAM	3	1	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	17.46	17.06	19			
	6	0	17.17	17.10	17.39	19			
	8	0	17.17	17.17	17.39	19			

AV	Modulation	LTE Band 7						
		RB Size	Subcarrier	Low	Mid	High	Max. Power (dBm)	
		Frequency (MHz)	Bandwidth (MHz)	1	2	3	4	
GPRS		1	0	15.34	15.87	16.23	17.0	
		2	0	15.88	16.37	16.83	17.5	
		3	0	16.39	16.84	17.30	17.5	
		4	0	16.90	17.35	17.81	17.5	
		5	25	15.34	15.84	16.27	17.5	
23M	WQAM	50	25	15.34	15.84	16.27	17.5	
		50	50	15.94	16.39	16.84	17.5	
		1	0	16.81	16.56	16.29	17.5	
		2	0	16.81	16.56	16.29	17.5	
		3	0	16.81	16.56	16.29	17.5	
40M	WQAM	1	0	16.81	16.56	16.29	17.5	
		1	0	16.81	16.56	16.29	17.5	
		1	0	16.81	16.56	16.29	17.5	
		1	0	16.81	16.56	16.29	17.5	
		1	0	16.81	16.56	16.29	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
		50	0	16.73	16.66	16.57	17.5	
80M	WQAM	50	0	16.				

BX	Modulation	LTE Band 38									
		RB Size	Subcarrier	LSF	Mod	Rate	Power	Rate	Power	Rate	Power
		Frequency (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)	Bandwidth (MHz)
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		6	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		7	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		8	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		9	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		10	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
GPRS	VS-MQAM	1	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		2	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		3	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		4	0	16.35	15.4	18.23	20	16.35	15.4	18.23	20
		5	0	16.35	15.4	18.23					

LTE Band 41 (2400 – 2600MHz)									
MCC	MNC	Cell ID	EARFCN		FDD		TDD		Max. Tx Power (dBm)
			Down	Up	Down	Up	Down	Up	
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			1		18.12		18.12		
			2		18.18		18.18		
			3		18.24		18.24		
			4		18.30		18.30		
			5		18.36		18.36		
			6		18.42		18.42		
			7		18.48		18.48		
			8		18.54		18.54		
			9		18.60		18.60		
200	00001	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			10		18.66		18.66		
			11		18.72		18.72		
			12		18.78		18.78		
			13		18.84		18.84		
			14		18.90		18.90		
			15		18.96		18.96		
			16		19.02		19.02		
			17		19.08		19.08		
			18		19.14		19.14		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			19		19.20		19.20		
			20		19.26		19.26		
			21		19.32		19.32		
			22		19.38		19.38		
			23		19.44		19.44		
			24		19.50		19.50		
			25		19.56		19.56		
			26		19.62		19.62		
			27		19.68		19.68		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			28		19.74		19.74		
			29		19.80		19.80		
			30		19.86		19.86		
			31		19.92		19.92		
			32		19.98		19.98		
			33		20.04		20.04		
			34		20.10		20.10		
			35		20.16		20.16		
			36		20.22		20.22		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			37		20.28		20.28		
			38		20.34		20.34		
			39		20.40		20.40		
			40		20.46		20.46		
			41		20.52		20.52		
			42		20.58		20.58		
			43		20.64		20.64		
			44		20.70		20.70		
			45		20.76		20.76		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			46		20.82		20.82		
			47		20.88		20.88		
			48		20.94		20.94		
			49		21.00		21.00		
			50		21.06		21.06		
			51		21.12		21.12		
			52		21.18		21.18		
			53		21.24		21.24		
			54		21.30		21.30		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			55		21.36		21.36		
			56		21.42		21.42		
			57		21.48		21.48		
			58		21.54		21.54		
			59		21.60		21.60		
			60		21.66		21.66		
			61		21.72		21.72		
			62		21.78		21.78		
			63		21.84		21.84		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			64		21.90		21.90		
			65		21.96		21.96		
			66		22.02		22.02		
			67		22.08		22.08		
			68		22.14		22.14		
			69		22.20		22.20		
			70		22.26		22.26		
			71		22.32		22.32		
			72		22.38		22.38		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			73		22.44		22.44		
			74		22.50		22.50		
			75		22.56		22.56		
			76		22.62		22.62		
			77		22.68		22.68		
			78		22.74		22.74		
			79		22.80		22.80		
			80		22.86		22.86		
			81		22.92		22.92		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			82		22.98		22.98		
			83		23.04		23.04		
			84		23.10		23.10		
			85		23.16		23.16		
			86		23.22		23.22		
			87		23.28		23.28		
			88		23.34		23.34		
			89		23.40		23.40		
			90		23.46		23.46		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			91		23.52		23.52		
			92		23.58		23.58		
			93		23.64		23.64		
			94		23.70		23.70		
			95		23.76		23.76		
			96		23.82		23.82		
			97		23.88		23.88		
			98		23.94		23.94		
			99		24.00		24.00		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			100		24.06		24.06		
			101		24.12		24.12		
			102		24.18		24.18		
			103		24.24		24.24		
			104		24.30		24.30		
			105		24.36		24.36		
			106		24.42		24.42		
			107		24.48		24.48		
			108		24.54		24.54		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			109		24.60		24.60		
			110		24.66		24.66		
			111		24.72		24.72		
			112		24.78		24.78		
			113		24.84		24.84		
			114		24.90		24.90		
			115		24.96		24.96		
			116		25.02		25.02		
			117		25.08		25.08		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			118		25.14		25.14		
			119		25.20		25.20		
			120		25.26		25.26		
			121		25.32		25.32		
			122		25.38		25.38		
			123		25.44		25.44		
			124		25.50		25.50		
			125		25.56		25.56		
			126		25.62		25.62		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			127		25.68		25.68		
			128		25.74		25.74		
			129		25.80		25.80		
			130		25.86		25.86		
			131		25.92		25.92		
			132		25.98		25.98		
			133		26.04		26.04		
			134		26.10		26.10		
			135		26.16		26.16		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			136		26.22		26.22		
			137		26.28		26.28		
			138		26.34		26.34		
			139		26.40		26.40		
			140		26.46		26.46		
			141		26.52		26.52		
			142		26.58		26.58		
			143		26.64		26.64		
			144		26.70		26.70		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			145		26.76		26.76		
			146		26.82		26.82		
			147		26.88		26.88		
			148		26.94		26.94		
			149		27.00		27.00		
			150		27.06		27.06		
			151		27.12		27.12		
			152		27.18		27.18		
			153		27.24		27.24		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			154		27.30		27.30		
			155		27.36		27.36		
			156		27.42		27.42		
			157		27.48		27.48		
			158		27.54		27.54		
			159		27.60		27.60		
			160		27.66		27.66		
			161		27.72		27.72		
			162		27.78		27.78		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			163		27.84		27.84		
			164		27.90		27.90		
			165		27.96		27.96		
			166		28.02		28.02		
			167		28.08		28.08		
			168		28.14		28.14		
			169		28.20		28.20		
			170		28.26		28.26		
			171		28.32		28.32		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			172		28.38		28.38		
			173		28.44		28.44		
			174		28.50		28.50		
			175		28.56		28.56		
			176		28.62		28.62		
			177		28.68		28.68		
			178		28.74		28.74		
			179		28.80		28.80		
			180		28.86		28.86		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			181		28.92		28.92		
			182		28.98		28.98		
			183		29.04		29.04		
			184		29.10		29.10		
			185		29.16		29.16		
			186		29.22		29.22		
			187		29.28		29.28		
			188		29.34		29.34		
			189		29.40		29.40		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			190		29.46		29.46		
			191		29.52		29.52		
			192		29.58		29.58		
			193		29.64		29.64		
			194		29.70		29.70		
			195		29.76		29.76		
			196		29.82		29.82		
			197		29.88		29.88		
			198		29.94		29.94		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			199		30.00		30.00		
			200		30.06		30.06		
			201		30.12		30.12		
			202		30.18		30.18		
			203		30.24		30.24		
			204		30.30		30.30		
			205		30.36		30.36		
			206		30.42		30.42		
			207		30.48		30.48		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			208		30.54		30.54		
			209		30.60		30.60		
			210		30.66		30.66		
			211		30.72		30.72		
			212		30.78		30.78		
			213		30.84		30.84		
			214		30.90		30.90		
			215		30.96		30.96		
			216		31.02		31.02		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			217		31.08		31.08		
			218		31.14		31.14		
			219		31.20		31.20		
			220		31.26		31.26		
			221		31.32		31.32		
			222		31.38		31.38		
			223		31.44		31.44		
			224		31.50		31.50		
			225		31.56		31.56		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			226		31.62		31.62		
			227		31.68		31.68		
			228		31.74		31.74		
			229		31.80		31.80		
			230		31.86		31.86		
			231		31.92		31.92		
			232		31.98		31.98		
			233		32.04		32.04		
			234		32.10		32.10		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			235		32.16		32.16		
			236		32.22		32.22		
			237		32.28		32.28		
			238		32.34		32.34		
			239		32.40		32.40		
			240		32.46		32.46		
			241		32.52		32.52		
			242		32.58		32.58		
			243		32.64		32.64		
01	00	CPK1	Frequency (MHz)		Channel		Band		Max. Tx Power (dBm)
			244		32.70		32.70		
			2						

Antenna	Modulation	LTE Band 66						Max. Power
		RB Spacing	Subcarrier Spacing	Bandwidth	RBs	Max. Rate	Max. Power	
20M	OFDM	15	15	10.06	100	100.6	100.6	100.6
	Frequency (MHz)	1920						1920
	1	2	15.35	15.35	15.35	15.35	15.35	
	1	2	15.44	15.44	15.44	15.44	15.44	
	1	2	15.79	15.79	15.79	15.79	15.79	
	1	2	15.81	15.81	15.81	15.81	15.81	
	1	2	16.07	16.07	16.07	16.07	16.07	
	1	2	16.07	16.07	16.07	16.07	16.07	
	1	2	16.79	16.79	16.79	16.79	16.79	
	1	2	16.81	16.81	16.81	16.81	16.81	
80M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
30M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
60M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
120M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
240M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
480M	OFDM	30	30	20.12	200	201.2	201.2	201.2
	Frequency (MHz)	3840						3840
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	
	1	2	20.12	20.12	20.12	20.12	20.12	

default Power					
2.4GHz WLAN					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	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	18.50
		6	2437	15.07	18.50
		11	2462	15.21	18.50
	802.11n-HT20 MCS0	1	2412	13.90	15.50
		6	2437	14.17	15.50
		11	2462	14.04	15.50
11		2462	14.04	15.50	
5GHz WLAN					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	802.11a 6Mbps	36	5180	12.83	14.50
		40	5200	12.93	14.50
		44	5220	12.85	14.50
	802.11n-HT20 MCS0	48	5240	12.95	14.50
		36	5180	13.23	14.50
		40	5200	13.33	14.50
	802.11n-HT40 MCS0	44	5220	13.21	14.50
		48	5240	13.25	14.50
		36	5180	13.12	14.50
	802.11ac-VHT20 MCS0	40	5200	13.12	14.50
		36	5180	13.06	14.50
		40	5200	13.00	14.50
	802.11ac-VHT40 MCS0	44	5220	13.03	14.50
		48	5240	13.07	14.50
		36	5190	13.06	14.50
	802.11ac-VHT40 MCS0	48	5240	13.15	14.50
		36	5190	13.06	14.50
		42	5210	13.54	14.50
5GHz WLAN					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	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
		52	5260	13.01	14.50
		56	5280	13.03	14.50
	802.11ac-VHT20 MCS0	60	5300	13.04	14.50
		64	5320	13.17	14.50
		54	5270	13.13	14.50
		62	5310	13.11	14.50
	802.11ac-VHT40 MCS0	58	5290	13.28	14.50
		52	5260		
58		5290			
58		5290			
5GHz WLAN					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	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	13.15	14.50
		100	5500	13.45	14.50
		116	5580	13.42	14.50
	802.11n-HT20 MCS0	124	5620	13.38	14.50
		132	5660	13.33	14.50
		140	5700	13.49	14.50
		144	5720	13.39	14.50
		102	5510	13.19	14.50
		110	5550	13.31	14.50
		126	5630	13.17	14.50
		134	5670	13.26	14.50
	802.11n-HT40 MCS0	142	5710	13.25	14.50
		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
		102	5510	13.23	14.50
	802.11ac-VHT20 MCS0	110	5550	13.34	14.50
		126	5630	13.27	14.50
		134	5670	13.31	14.50
		142	5710	13.25	14.50
		106	5530	13.13	14.50
		122	5610	13.28	14.50
		138	5690	13.16	14.50
		138	5690		
138		5690			
5GHz WLAN					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	802.11a 6Mbps	149	5745	12.95	14.50
		157	5785	12.91	14.50
		165	5825	12.87	14.50
		149	5745	13.02	14.50
	802.11n-HT20 MCS0	157	5785	13.14	14.50
		165	5825	12.95	14.50
		151	5755	13.22	14.50
		159	5795	13.21	14.50
	802.11n-HT40 MCS0	149	5745	12.84	14.50
		157	5785	12.96	14.50
		165	5825	12.77	14.50
		151	5755	13.18	14.50
	802.11ac-VHT20 MCS0	159	5795	13.24	14.50
		155	5775	13.70	14.50
		155	5775		
		155	5775		
155		5775			
BT					
BLE	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	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
		39	2480	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	0.95	2.00
		39	2480	1.56	3.00
BREDR	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
	GFSK	0	2402	8.55	10.00
		39	2441	6.39	8.00
		78	2480	9.88	11.00
	DQPSK	0	2402	6.55	8.00
		39	2441	3.01	5.00
		78	2480	8.14	10.00
	BPSK	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						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	
	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	13.50	
		6	2437	13.50	13.50	
		11	2462	13.50	13.50	
	802.11n-HT20 MCS0	1	2412	12.50	12.50	
		6	2437	12.50	12.50	
		11	2462	12.50	12.50	
5GHz WLAN						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	
	802.11a 6Mbps	36	5180		9.50	
		40	5200		9.50	
		44	5220		9.50	
	802.11n-HT20 MCS0	48	5240		9.50	
		36	5180		9.50	
		40	5200		9.50	
	802.11n-HT40 MCS0	44	5220		9.50	
		48	5240		9.50	
		38	5190		9.50	
	802.11ac-VHT20 MCS0	40	5200		9.50	
		44	5220		9.50	
		48	5240		9.50	
	802.11ac-VHT40 MCS0	38	5190		9.50	
		46	5230		9.50	
		42	5210	8.63	9.50	
	5GHz WLAN					
	5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit
		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	
		52	5260		9.50	
		56	5280		9.50	
802.11ac-VHT20 MCS0		60	5300		9.50	
		64	5320		9.50	
		54	5270		9.50	
		62	5310		9.50	
802.11ac-VHT40 MCS0		58	5290		9.50	
		52	5260		9.50	
		58	5290		9.50	
		58	5290		9.50	
5GHz WLAN						
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	
	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	
		100	5500	8.41	9.50	
		116	5580	8.31	9.50	
	802.11n-HT20 MCS0	124	5620	8.44	9.50	
		132	5660	8.29	9.50	
		140	5700	8.56	9.50	
		144	5720	8.42	9.50	
		102	5510		9.50	
		110	5550		9.50	
		126	5630		9.50	
		134	5670		9.50	
	802.11n-HT40 MCS0	142	5710		9.50	
		100	5500		9.50	
		116	5580		9.50	
		124	5620		9.50	
		132	5660		9.50	
		140	5700		9.50	
		144	5720		9.50	
		102	5510		9.50	
	802.11ac-VHT40 MCS0	110	5550		9.50	
		126	5630		9.50	
		134	5670		9.50	
142		5710		9.50		
106		5530		9.50		
122		5610		9.50		
138		5690		9.50		
138		5690		9.50		
5GHz WLAN						
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	
	802.11a 6Mbps	140	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	161	5795		9.50	
		159	5785		9.50	
		149	5745		9.50	
	802.11ac-VHT20 MCS0	157	5785		9.50	
		165	5825		9.50	
		161	5795		9.50	
	802.11ac-VHT40 MCS0	159	5785		9.50	
165		5825		9.50		
161		5795		9.50		
802.11ac-VHT80 MCS0	155	5775	8.65	9.50		
	155	5775		9.50		
Ant2						
BLE	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	
	1M	0	2402	0.37	3.09	
		39	2440	0.94	2.00	
		39	2480	1.40	3.00	
		1	2404	0.69	2.00	
	2M	0	2440	1.06	3.00	
		38	2478	1.40	3.00	
		0	2402	0.48	2.00	
		39	2440	0.95	2.00	
	S2	39	2480	1.44	3.00	
		0	2402	0.59	2.00	
		39	2440	0.85	2.00	
		39	2480	1.56	3.00	
	BREDR <td rowspan="4">GFSK</td> <td>0</td> <td>2402</td> <td>8.55</td> <td>10.00</td>	GFSK	0	2402	8.55	10.00
39			2441	6.39	9.00	
78			2480	9.98	11.00	
0			2402	6.55	8.00	
DQPSK		39	2441	3.01	5.00	
		78	2480	8.14	10.00	
		0	2402	8.53	9.00	
8DPSK		39	2441	2.91	4.00	
		78	2480	8.14	10.00	



BUREAU
VERITAS

FCC SAR Test Report



Certificate #6613.01

Appendix E. Photographs of EUT and Setup