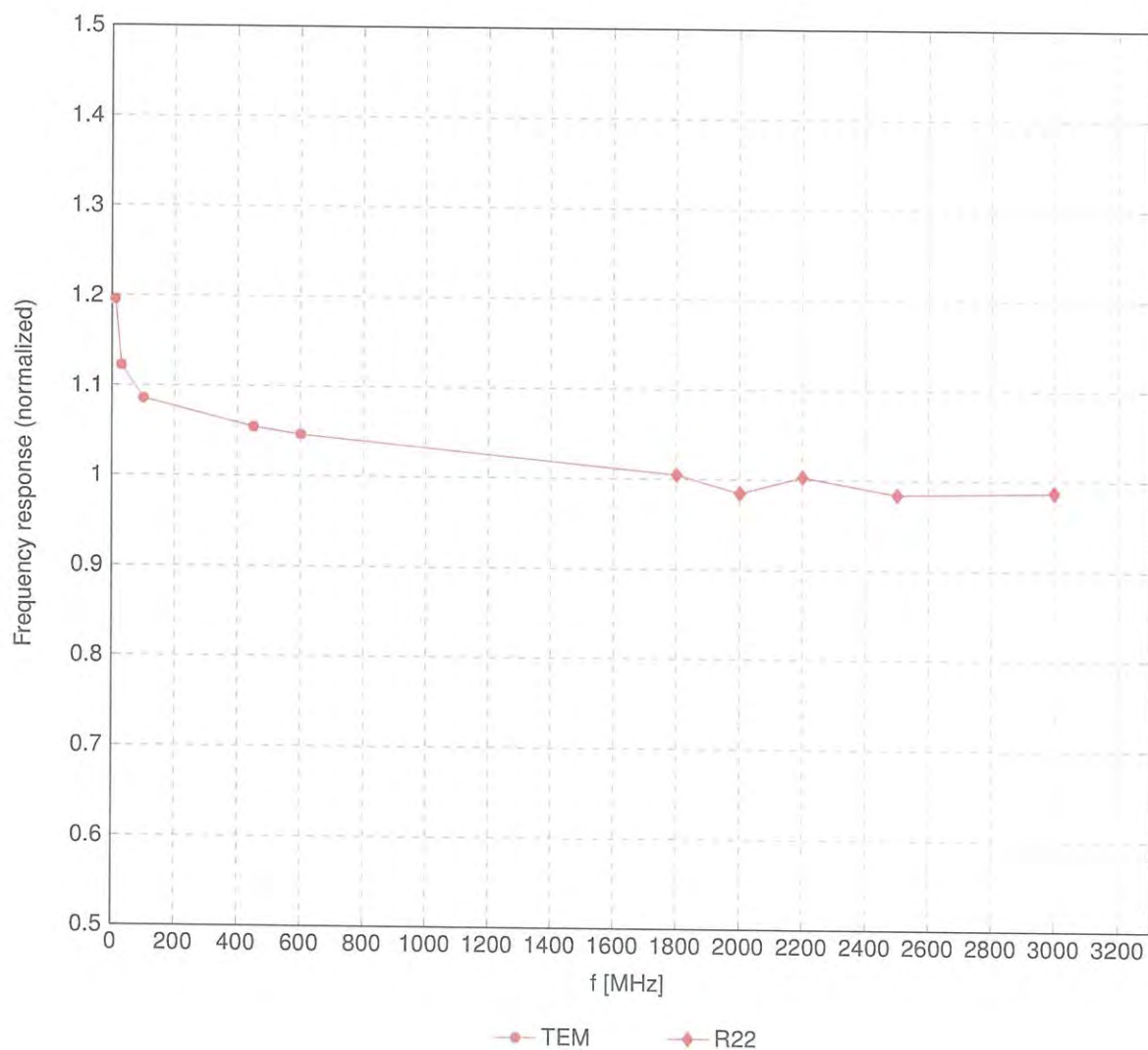
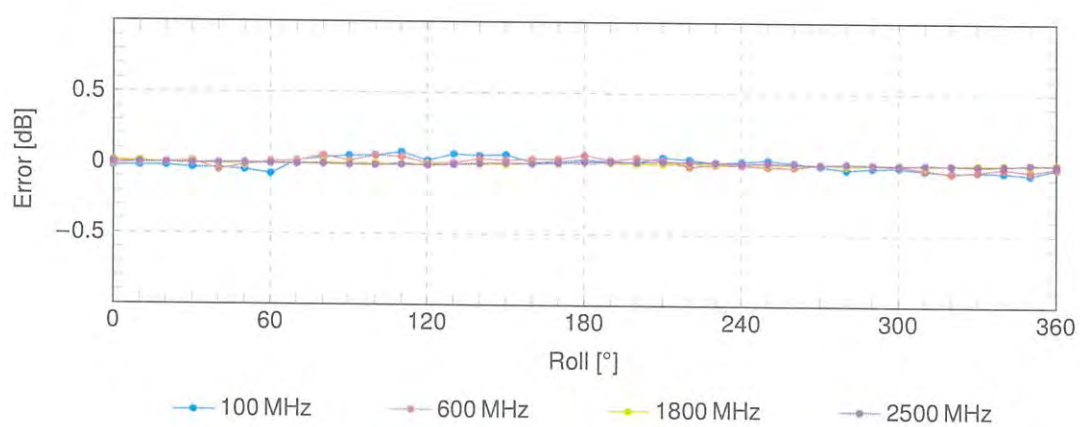
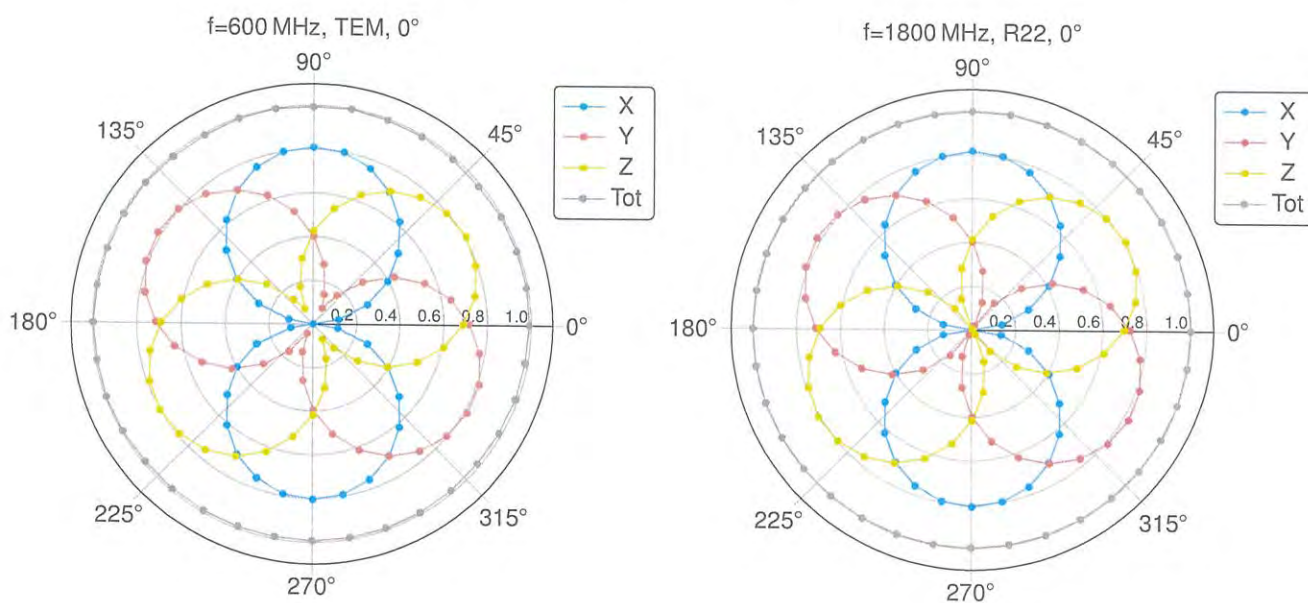


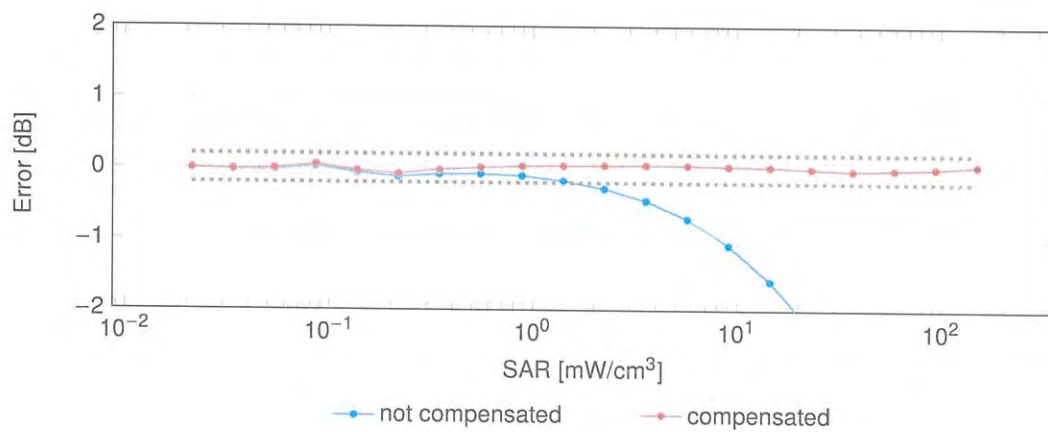
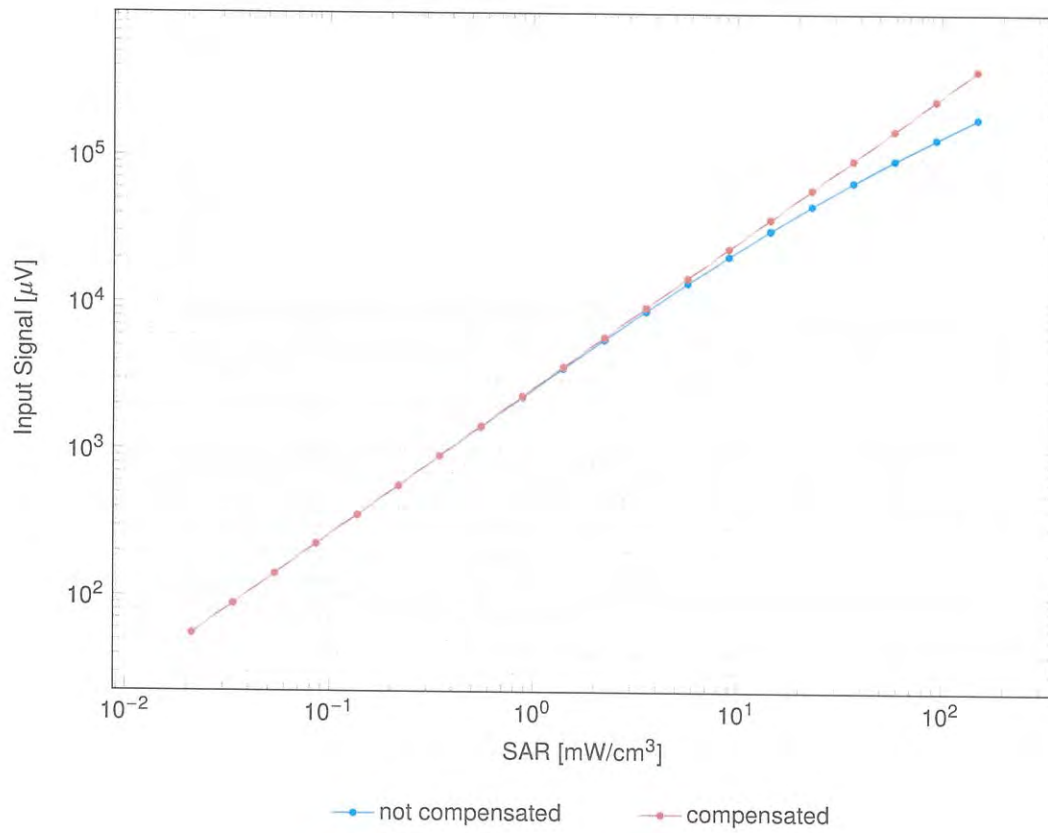
Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)

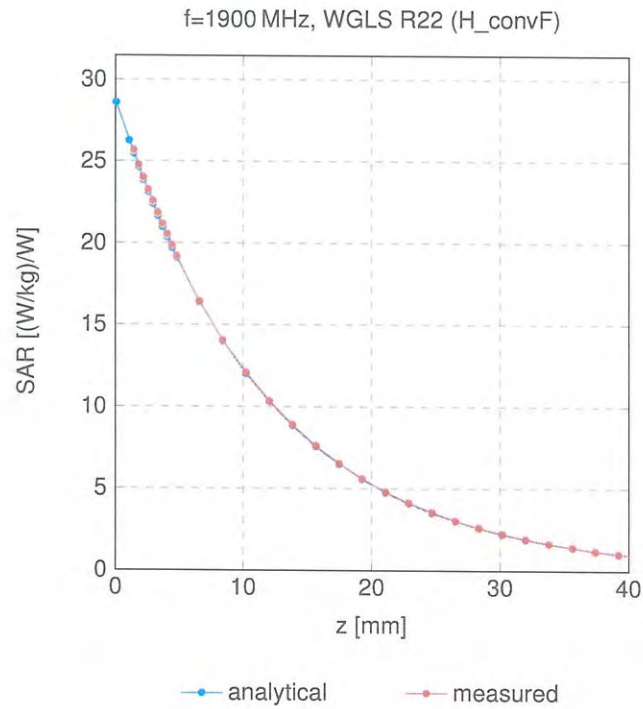


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

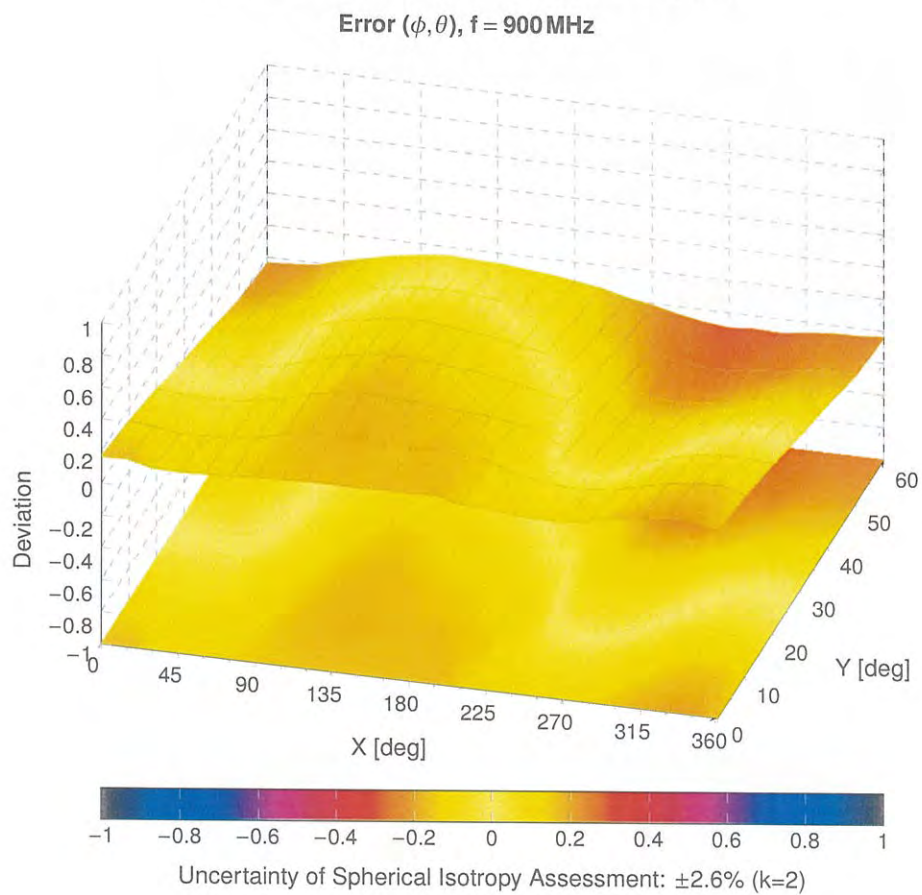
Receiving Pattern (ϕ), $\vartheta = 0^\circ$ Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ ($k=2$)

Dynamic Range f(SAR_{head})(TEM cell, $f_{\text{eval}} = 1900 \text{ MHz}$)Uncertainty of Linearity Assessment: $\pm 0.6\%$ ($k=2$)

Conversion Factor Assessment



Deviation from Isotropy in Liquid



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0		CW	CW	0.00	±4.7
10010	CAA	SAR Validation (Square, 100 ms, 10 ms)	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
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

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
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
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

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
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
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 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAG	PHS (QPSK, BW 884 MHz, 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, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	CAB	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	±9.6
10303	CAB	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	CAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
10305	CAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	15.24	±9.6
10306	CAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC)	WiMAX	14.67	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10307	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC)	WiMAX	14.49	±9.6
10308	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3)	WiMAX	14.58	±9.6
10310	AAB	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 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 (200 Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200 Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200 Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200 Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200 Hz, 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 (20 MHz, 64-QAM, 99pc dc)	WLAN	8.37	±9.6
10401	AAA	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc dc)	WLAN	8.60	±9.6
10402	AAA	IEEE 802.11ac WiFi (80 MHz, 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, 40 MHz	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
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, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 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

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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
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 (20 MHz, MCS0, 99pc dc)	WLAN	8.36	±9.6
10526	AAF	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6
10527	AAF	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc dc)	WLAN	8.21	±9.6
10528	AAF	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc dc)	WLAN	8.36	±9.6
10529	AAF	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6
10531	AAF	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6
10532	AAF	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10533	AAE	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
10534	AAE	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6
10535	AAE	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6
10536	AAF	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6
10537	AAF	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc dc)	WLAN	8.44	±9.6
10538	AAF	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc dc)	WLAN	8.54	±9.6
10540	AAA	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc dc)	WLAN	8.39	±9.6

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10541	AAA	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc dc)	WLAN	8.46	±9.6
10542	AAA	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc dc)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc dc)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc dc)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc dc)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc dc)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc dc)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc dc)	WLAN	8.47	±9.6
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6
10560	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc dc)	WLAN	8.56	±9.6
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc dc)	WLAN	8.69	±9.6
10563	AAC	IEEE 802.11ac WiFi (160 MHz, 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
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, 20 MHz, MCS0, 90pc dc)	WLAN	8.63	±9.6
10592	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10593	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc dc)	WLAN	8.64	±9.6
10594	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
10595	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc dc)	WLAN	8.74	±9.6
10596	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc dc)	WLAN	8.71	±9.6
10597	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc dc)	WLAN	8.72	±9.6
10598	AAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6
10599	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc dc)	WLAN	8.79	±9.6
10600	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10601	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6
10602	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc dc)	WLAN	8.94	±9.6
10603	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6
10604	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6
10605	AAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc dc)	WLAN	8.77	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc dc)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc dc)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc dc)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc dc)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc dc)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6
10636	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6
10637	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10638	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc dc)	WLAN	8.98	±9.6
10641	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6
10642	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6
10643	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6
10644	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6
10645	AAC	IEEE 802.11ac WiFi (160 MHz, 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 (200 Hz, 10%)	Test	10.00	±9.6
10659	AAC	Pulse Waveform (200 Hz, 20%)	Test	6.99	±9.6
10660	AAC	Pulse Waveform (200 Hz, 40%)	Test	3.98	±9.6
10661	AAC	Pulse Waveform (200 Hz, 60%)	Test	2.22	±9.6
10662	AAC	Pulse Waveform (200 Hz, 80%)	Test	0.97	±9.6
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAD	IEEE 802.11ax (20 MHz, MCS0, 90pc dc)	WLAN	9.09	±9.6
10672	AAD	IEEE 802.11ax (20 MHz, MCS1, 90pc dc)	WLAN	8.57	±9.6
10673	AAD	IEEE 802.11ax (20 MHz, MCS2, 90pc dc)	WLAN	8.78	±9.6
10674	AAD	IEEE 802.11ax (20 MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6
10675	AAD	IEEE 802.11ax (20 MHz, MCS4, 90pc dc)	WLAN	8.90	±9.6
10676	AAD	IEEE 802.11ax (20 MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6
10677	AAD	IEEE 802.11ax (20 MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6
10678	AAD	IEEE 802.11ax (20 MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6
10679	AAD	IEEE 802.11ax (20 MHz, MCS8, 90pc dc)	WLAN	8.89	±9.6
10680	AAD	IEEE 802.11ax (20 MHz, MCS9, 90pc dc)	WLAN	8.80	±9.6
10681	AAG	IEEE 802.11ax (20 MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6
10682	AAF	IEEE 802.11ax (20 MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6
10683	AAA	IEEE 802.11ax (20 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc dc)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc dc)	WLAN	8.28	±9.6

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10687	AAE	IEEE 802.11ax (20 MHz, MCS4, 99pc dc)	WLAN	8.45	±9.6
10688	AAE	IEEE 802.11ax (20 MHz, MCS5, 99pc dc)	WLAN	8.29	±9.6
10689	AAD	IEEE 802.11ax (20 MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6
10690	AAE	IEEE 802.11ax (20 MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6
10691	AAB	IEEE 802.11ax (20 MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6
10692	AAA	IEEE 802.11ax (20 MHz, MCS9, 99pc dc)	WLAN	8.29	±9.6
10693	AAA	IEEE 802.11ax (20 MHz, MCS10, 99pc dc)	WLAN	8.25	±9.6
10694	AAA	IEEE 802.11ax (20 MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6
10695	AAA	IEEE 802.11ax (40 MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6
10696	AAA	IEEE 802.11ax (40 MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6
10697	AAA	IEEE 802.11ax (40 MHz, MCS2, 90pc dc)	WLAN	8.61	±9.6
10698	AAA	IEEE 802.11ax (40 MHz, MCS3, 90pc dc)	WLAN	8.89	±9.6
10699	AAA	IEEE 802.11ax (40 MHz, MCS4, 90pc dc)	WLAN	8.82	±9.6
10700	AAA	IEEE 802.11ax (40 MHz, MCS5, 90pc dc)	WLAN	8.73	±9.6
10701	AAA	IEEE 802.11ax (40 MHz, MCS6, 90pc dc)	WLAN	8.86	±9.6
10702	AAA	IEEE 802.11ax (40 MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6
10703	AAA	IEEE 802.11ax (40 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10704	AAA	IEEE 802.11ax (40 MHz, MCS9, 90pc dc)	WLAN	8.56	±9.6
10705	AAA	IEEE 802.11ax (40 MHz, MCS10, 90pc dc)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc dc)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc dc)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc dc)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc dc)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc dc)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc dc)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc dc)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc dc)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc dc)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc dc)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc dc)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc dc)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc dc)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc dc)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc dc)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc dc)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc dc)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc dc)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc dc)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc dc)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc dc)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc dc)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc dc)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc dc)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc dc)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc dc)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc dc)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, 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	AAC	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
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	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
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
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

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
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
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	2.23	±9.6
10979	AAA	ULLA HDR4	ULLA	7.02	±9.6
10980	AAA	ULLA HDR8	ULLA	8.82	±9.6
10981	AAA	ULLA HDRp4	ULLA	1.50	±9.6
10982	AAA	ULLA HDRp8	ULLA	1.44	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 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.

WWAN Full Power

Band	GSM850 (Ant2)				GSM1900 (Ant1)			
Channel	128	189	251	Max. Tune-up Power	512	661	810	Max. Tune-up Power
Frequency	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.05	32.12	32.02	33.50	29.01	29.19	29.11	30.50
GPRS 1Tx Slot	32.04	32.10	31.99	33.50	29.00	29.16	29.09	30.50
GPRS 2Tx Slot	30.25	30.09	30.23	31.00	27.27	27.09	27.16	28.00
GPRS 3Tx Slot	28.73	28.64	28.65	29.50	25.56	25.54	25.50	26.50
GPRS 4Tx Slot	27.20	27.07	27.16	28.00	23.56	24.05	24.01	25.00
EDGE 1Tx Slot	25.71	26.07	25.95	26.50	25.17	25.45	25.29	26.50
EDGE 2Tx Slot	25.42	25.77	25.69	26.00	25.00	25.30	25.18	26.00
EDGE 3Tx Slot	21.71	21.69	21.70	22.50	21.14	21.40	21.36	22.50
EDGE 4Tx Slot	20.68	20.65	20.63	21.50	20.21	20.10	20.23	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power	GSM1900			Max. Tune-up Power
Channel	128	189	251		512	661	810	
GSM	23.05	23.12	23.02	24.50	20.01	20.19	20.11	21.50
GPRS 1Tx Slot	23.04	23.10	22.99	24.50	20.00	20.16	20.09	21.50
GPRS 2Tx Slot	24.25	24.09	24.23	25.00	21.27	21.09	21.16	22.00
GPRS 3Tx Slot	24.47	24.38	24.39	25.24	21.30	21.28	21.24	22.24
GPRS 4Tx Slot	24.20	24.07	24.16	25.00	20.56	21.05	21.01	22.00
EDGE 1Tx Slot	16.71	17.07	16.95	17.50	16.17	16.45	16.29	17.50
EDGE 2Tx Slot	19.42	19.77	19.69	20.00	19.00	19.30	19.18	20.00
EDGE 3Tx Slot	17.45	17.43	17.44	18.24	16.88	17.14	17.10	18.24
EDGE 4Tx Slot	17.68	17.65	17.63	18.50	17.21	17.10	17.23	18.00

Band	WCDMA II (Ant1)			WCDMA II	WCDMA IV (Ant1)			WCDMA IV	WCDMA V (Ant2)			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power	1312	1413	1513	Max. Tune-up Power	4132	4182	4233	Max. Tune-up Power
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	23.35	23.38	23.26	24.00	23.24	23.26	23.33	24.00	22.78	22.76	22.75	24.00
HSDPA Subtest-1	22.31	22.33	22.21	23.00	22.22	22.25	22.29	23.00	21.76	21.68	21.73	23.00
HSDPA Subtest-2	22.27	22.37	22.21	23.00	22.20	22.23	22.27	23.00	21.73	21.68	21.74	23.00
HSDPA Subtest-3	21.81	21.83	21.75	22.50	21.68	21.71	21.82	22.50	21.24	21.21	21.20	22.50
HSDPA Subtest-4	21.79	21.86	21.71	22.50	21.73	21.74	21.78	22.50	21.20	21.25	21.20	22.50
DC-HSDPA Subtest-1	22.28	22.33	22.24	23.00	22.23	22.22	22.30	23.00	21.74	21.71	21.74	23.00
DC-HSDPA Subtest-2	22.27	22.36	22.21	23.00	22.16	22.19	22.31	23.00	21.72	21.74	21.70	23.00
DC-HSDPA Subtest-3	21.83	21.80	21.74	22.50	21.71	21.75	21.77	22.50	21.21	21.21	21.23	22.50
DC-HSDPA Subtest-4	21.77	21.82	21.68	22.50	21.70	21.71	21.81	22.50	21.20	21.24	21.20	22.50
HSUPA Subtest-1	19.79	19.83	19.79	20.50	19.68	19.74	19.80	20.50	19.26	19.18	19.23	20.50
HSUPA Subtest-2	19.77	19.81	19.80	20.50	19.72	19.68	19.82	20.50	19.20	19.20	19.17	20.50
HSUPA Subtest-3	19.79	19.78	19.80	20.50	19.66	19.72	19.78	20.50	19.22	19.24	19.19	20.50
HSUPA Subtest-4	19.71	19.75	19.77	20.50	19.71	19.70	19.81	20.50	19.21	19.21	19.23	20.50
HSUPA Subtest-5	22.27	22.35	22.20	23.00	22.23	22.21	22.25	23.00	21.42	21.39	21.40	23.00

LTE Band 7 (Ant1)											
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPR (dB)	Max. Tune-up (dBm)			
		Channel									
		Frequency (MHz)									
20M	QPSK	1	0	23.08	23.01	22.88	0	24			
		1	50	23.13	23.06	23.01	0	24			
		1	99	23.20	23.11	23.08	0	24			
		50	0	22.22	22.11	22.06	1	23			
		50	25	22.32	22.24	22.23	1	23			
		50	50	22.35	22.23	22.23	1	23			
		100	0	22.27	22.25	22.17	1	23			
		1	0	22.59	22.07	22.07	1	23			
		1	50	22.07	22.05	21.97	1	23			
		1	99	22.25	22.16	22.13	1	23			
		50	0	21.27	21.16	21.11	2	22			
		50	25	21.34	21.26	21.25	2	22			
20M	16QAM	50	50	21.38	21.31	21.18	2	22			
		100	0	21.32	21.23	21.18	2	22			
		1	0	21.37	21.26	21.23	2	22			
		1	50	21.46	21.34	21.29	2	22			
		1	99	21.48	21.40	21.39	2	22			
		50	0	20.30	20.20	20.10	3	21			
		50	25	20.34	20.27	20.22	3	21			
		50	50	20.38	20.33	20.23	3	21			
		100	0	20.37	20.25	20.25	3	21			
		20M	64QAM	1	0	21.32	21.23	21.10	2	22	
				1	99	21.48	21.40	21.39	2	22	
				50	0	20.30	20.20	20.10	3	21	
50	25			20.34	20.27	20.22	3	21			
50	50			20.38	20.33	20.23	3	21			
100	0			20.37	20.25	20.25	3	21			
15M	QPSK	Channel	2385	2385	2385	2385	SCPP MPR	Max. Tune-up			
		Frequency (MHz)	2385	2385	2385	2385	MPR	MPR			
		1	0	23.07	22.99	22.96	0	24			
		1	37	23.06	22.98	22.95	0	24			
		1	74	23.17	23.05	23.05	0	24			
		36	0	22.20	22.04	22.01	1	23			
		36	19	22.26	22.16	22.21	1	23			
		36	39	22.33	22.15	22.22	1	23			
		75	0	22.19	22.21	22.12	1	23			
		1	0	22.17	21.99	22.06	1	23			
		1	37	21.99	22.01	21.92	1	23			
		1	74	22.22	22.10	22.11	1	23			
15M	16QAM	36	0	21.25	21.09	21.06	2	22			
		36	19	21.28	21.18	21.25	2	22			
		36	39	21.37	21.29	21.10	2	22			
		75	0	21.27	21.15	21.12	2	22			
		1	0	21.26	21.20	21.21	2	22			
		1	37	21.43	21.27	21.24	2	22			
		1	74	21.42	21.32	21.37	2	22			
		36	0	20.29	20.21	20.02	3	21			
		36	19	20.27	20.19	20.16	3	21			
		36	39	20.36	20.32	20.17	3	21			
		75	0	20.35	20.17	20.24	3	21			
		15M	64QAM	Channel	2389	2389	2389	2389	SCPP MPR	Max. Tune-up	
Frequency (MHz)	2389			2389	2389	2389	MPR	MPR			
1	0			23.02	22.93	22.86	0	24			
1	24			23.11	22.98	23.00	0	24			
1	49			23.12	23.07	23.03	0	24			
25	0			22.25	22.09	22.05	1	23			
25	12			22.24	22.20	22.18	1	23			
25	25			22.32	22.17	22.21	1	23			
50	0			22.25	22.18	22.12	1	23			
1	0			22.13	21.99	22.05	1	23			
1	24			22.06	22.03	21.89	1	23			
1	49			22.10	22.08	22.07	1	23			
10M	16QAM	25	0	21.26	21.10	21.09	2	22			
		25	12	21.32	21.18	21.24	2	22			
		25	25	21.30	21.27	21.13	2	22			
		50	0	21.30	21.15	21.17	2	22			
		1	0	21.29	21.22	21.18	2	22			
		1	24	21.42	21.26	21.27	2	22			
		1	49	21.46	21.33	21.34	2	22			
		25	0	20.34	20.15	20.08	3	21			
		25	12	20.33	20.25	20.14	3	21			
		25	25	20.33	20.25	20.17	3	21			
		50	0	20.36	20.19	20.21	3	21			
		10M	QPSK	Channel	2395	2395	2395	2395	SCPP MPR	Max. Tune-up	
Frequency (MHz)	2395			2395	2395	2395	MPR	MPR			
1	0			23.04	22.96	22.83	0	24			
1	12			23.05	23.05	22.96	0	24			
1	24			23.15	23.06	23.07	0	24			
12	0			22.16	22.09	22.01	1	23			
12	6			22.25	22.19	22.21	1	23			
12	13			22.27	22.21	22.18	1	23			
25	0			22.25	22.17	22.15	1	23			
1	0			22.11	22.01	21.99	1	23			
1	12			22.01	22.03	21.93	1	23			
1	24			22.18	22.11	22.11	1	23			
5M	16QAM	12	0	21.21	21.09	21.06	2	22			
		12	6	21.27	21.21	21.23	2	22			
		12	13	21.30	21.29	21.12	2	22			
		25	0	21.24	21.22	21.16	2	22			
		1	0	21.33	21.21	21.15	2	22			
		1	12	21.37	21.33	21.27	2	22			
		1	24	21.44	21.35	21.31	2	22			
		12	0	20.24	20.21	20.07	3	21			
		12	6	20.26	20.26	20.20	3	21			
		12	13	20.34	20.28	20.15	3	21			
		25	0	20.31	20.23	20.22	3	21			

LTE Band 12 (Ant2)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel								
		Frequency (MHz)								
10M	QPSK			23960	23995	23930				
				7064	7075	7111				
		1	0	22.32	22.25	22.25	0	24		
		1	24	22.31	22.20	22.24	0	24		
		1	49	22.35	22.27	22.40	0	24		
		25	0	21.35	21.29	21.37	1	23		
		25	12	21.34	21.36	21.40	1	23		
		25	25	21.41	21.35	21.47	1	23		
		50	0	21.27	21.26	21.21	1	23		
		1	0	21.54	21.51	21.62	1	23		
		1	24	21.44	21.45	21.50	1	23		
		1	49	21.62	21.51	21.65	1	23		
	16QAM	25	0	20.39	20.36	20.42	2	22		
		25	12	20.45	20.44	20.48	2	22		
		25	25	20.50	20.47	20.58	2	22		
		50	0	20.29	20.23	20.33	2	22		
		64QAM	1	0	20.54	20.51	20.62	2	22	
			1	24	20.55	20.56	20.60	2	22	
			1	49	20.62	20.64	20.71	2	22	
			25	0	19.34	19.28	19.33	3	21	
			25	12	19.32	19.34	19.41	3	21	
25	25		19.41	19.35	19.40	3	21			
50	0		19.37	19.36	19.43	3	21			
BW	MCS Index		Channel	23925	23995	23935	3GPP MPR	Max. Tune-up		
			Frequency (MHz)	7065	7075	7125				
			1	0	22.27	22.18	22.15	0	24	
		1	12	22.29	22.12	22.52	0	24		
		1	24	22.30	22.19	22.41	0	24		
		5M	QPSK	12	0	21.31	21.24	21.32	1	23
				12	6	21.26	21.35	21.35	1	23
				12	13	21.37	21.30	21.46	1	23
				25	0	21.21	21.24	21.26	1	23
				1	0	21.47	21.46	21.60	1	23
1	12			21.36	21.43	21.46	1	23		
16QAM	1		24	21.60	21.43	21.63	1	23		
	12		0	20.31	20.30	20.34	2	22		
	12		6	20.39	20.42	20.42	2	22		
	12		13	20.43	20.42	20.56	2	22		
	25		0	20.23	20.16	20.28	2	22		
	64QAM		1	0	20.47	20.46	20.50	2	22	
			1	12	20.47	20.54	20.54	2	22	
			1	24	20.54	20.63	20.69	2	22	
			12	0	19.30	19.23	19.25	3	21	
			12	6	19.24	19.33	19.39	3	21	
			12	13	19.37	19.30	19.32	3	21	
			25	0	19.31	19.34	19.40	3	21	
BW		MCS Index	Channel	23925	23995	23935	3GPP MPR	Max. Tune-up		
			Frequency (MHz)	7065	7075	7125				
			1	0	22.26	22.23	22.29	0	24	
	1		12	22.28	22.15	22.52	0	24		
	1		24	22.29	22.20	22.37	0	24		
	3M		QPSK	8	0	21.28	21.24	21.35	1	23
				8	3	21.26	21.34	21.31	1	23
				8	7	21.33	21.34	21.45	1	23
				15	0	21.23	21.21	21.25	1	23
				1	0	21.46	21.50	21.60	1	23
1		7		21.39	21.40	21.46	1	23		
16QAM		1	14	21.60	21.43	21.64	1	23		
		8	0	20.31	20.32	20.32	2	22		
		8	3	20.40	20.38	20.46	2	22		
		8	7	20.48	20.49	20.53	2	22		
		15	0	20.23	20.15	20.31	2	22		
		64QAM	1	0	20.53	20.49	20.54	2	22	
			1	7	20.50	20.48	20.54	2	22	
			1	14	20.61	20.58	20.69	2	22	
			8	0	19.29	19.26	19.26	3	21	
			8	3	19.30	19.31	19.35	3	21	
			8	7	19.33	19.31	19.35	3	21	
			15	0	19.35	19.36	19.42	3	21	
BW	MCS Index		Channel	23917	23995	23973	3GPP MPR	Max. Tune-up		
			Frequency (MHz)	6967	7075	7153				
			1	0	22.24	22.21	22.29	0	24	
		1	2	22.26	22.14	22.52	0	24		
		1	5	22.33	22.20	22.37	0	24		
		1.4M	QPSK	1	0	21.99	21.91	22.05	0	24
				3	1	22.03	22.04	22.02	0	24
				3	3	22.06	21.97	22.11	0	24
				6	0	21.26	21.20	21.29	1	23
				1	0	21.49	21.44	21.57	1	23
1	2			21.42	21.37	21.48	1	23		
16QAM	3		0	21.95	21.91	21.97	1	23		
	3		1	21.97	21.93	21.93	1	23		
	3		3	21.46	21.43	21.57	1	23		
	6		0	20.23	20.21	20.28	2	22		
	64QAM		1	0	20.47	20.46	20.50	2	22	
			1	2	20.47	20.54	20.55	2	22	
			1	5	20.60	20.56	20.69	2	22	
			3	0	20.26	20.22	20.25	2	22	
			3	1	20.28	20.32	20.35	2	22	
			3	3	20.36	20.27	20.39	2	22	
			6	0	19.33	19.31	19.38	3	21	

LTE Band 14 (Ant2)										
BW	MCS Index	RB Size		RB Offset		Mid		SCPP MPK (dB)	Max. Tune-up (dBm)	
		Channel		2350		793				
		Frequency (MHz)		Frequency (MHz)		Frequency (MHz)				
10M	QPSK	1	0		22.62	0	24			
		1	24		22.72	0	24			
		25	0		21.73	1	23			
		25	12		21.84	1	23			
		25	25		21.71	1	23			
		50	0		21.77	1	23			
		1	0		22.29	1	23			
		1	24		22.23	1	23			
		1	48		22.14	1	23			
		25	0		20.81	2	22			
	16QAM	25	12		20.90	2	22			
		25	25		20.74	2	22			
		50	0		20.86	2	22			
		1	0		20.53	2	22			
		1	24		20.74	2	22			
		1	48		20.66	2	22			
		64QAM	25	0		19.83	3	21		
			25	12		19.94	3	21		
			25	25		19.87	3	21		
			50	0		19.90	3	21		
5M	QPSK	Channel		2350	2380	3350		SCPP MPK (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		794.5	797	796.5				
		1	0		22.54	22.61	22.57	0	24	
		1	12		22.68	22.67	22.70	0	24	
		1	24		22.42	22.46	22.43	0	24	
		12	0		21.66	21.68	21.71	1	23	
		12	6		21.76	21.82	21.79	1	23	
		12	13		21.69	21.63	21.69	1	23	
		25	0		21.69	21.71	21.65	1	23	
		1	0		22.23	22.27	22.25	1	23	
	16QAM	1	12		22.16	22.18	22.21	1	23	
		1	24		22.08	22.07	22.09	1	23	
		12	0		20.74	20.76	20.75	2	22	
		12	6		20.82	20.84	20.84	2	22	
		12	13		20.66	20.73	20.72	2	22	
		25	0		20.82	20.81	20.78	2	22	
		1	0		20.45	20.52	20.51	2	22	
		1	12		20.70	20.70	20.68	2	22	
		1	24		20.60	20.64	20.63	2	22	
		64QAM	12	0		19.76	19.78	19.81	3	21
12	6			19.86	19.82	19.85	3	21		
12	13			19.85	19.79	19.88	3	21		
25	0			19.72	19.74	19.72	3	21		

LTE Band 17 (Ant2)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPK (dB)	Max. Tune-up (dBm)	
		Channel	2376	2390	2380				
		Frequency (MHz)	2376	2390	2380				
10M	QPSK	1	0	22.08	22.03	22.70	0		
		1	24	22.13	22.28	21.74	0		
		1	48	20.85	20.73	20.92	0		
		25	0	21.45	21.53	21.37	1		
		25	12	21.41	21.20	20.93	1		
		25	25	20.72	20.26	19.98	1		
		50	0	21.02	20.69	20.74	1		
		1	0	21.68	21.82	21.81	1		
		1	24	21.63	21.40	21.00	1		
		1	48	20.37	19.93	20.12	1		
	16QAM	25	0	20.45	20.48	20.35	2		
		25	12	20.48	20.39	20.22	2		
		25	25	19.80	19.24	19.05	2		
		50	0	20.07	20.00	19.84	2		
		1	0	20.30	20.00	20.97	2		
		1	24	20.25	20.18	20.11	2		
		1	48	19.12	19.05	19.27	2		
		25	0	19.42	19.51	19.26	3		
		25	12	19.39	19.28	19.17	3		
		25	25	18.76	18.53	17.93	3		
50	0	19.00	18.90	18.76	3				
BW	MCS Index	Channel	2376	2390	2380	SCPP MPK (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	2376	2390	2380	0			
		1	0	22.04	22.28	22.60		0	
5M	QPSK	1	0	22.07	22.26	21.69	0		
		1	24	20.78	20.68	20.90	0		
		12	0	21.37	21.49	21.28	1		
		12	6	21.39	21.12	20.91	1		
		12	13	20.64	20.20	19.90	1		
		25	0	20.96	20.97	20.68	1		
		1	0	21.61	21.40	21.91	1		
		1	12	21.57	21.41	20.90	1		
		1	24	20.30	19.88	20.10	1		
		12	0	20.37	20.46	20.33	2		
	16QAM	12	6	20.40	20.39	20.27	2		
		12	13	19.76	19.19	18.97	2		
		25	0	19.99	19.99	19.82	2		
		1	0	20.26	20.55	20.98	2		
		1	12	20.19	20.26	20.20	2		
		1	24	19.09	18.90	19.22	2		
		12	0	19.35	19.46	19.24	3		
		12	6	19.31	19.26	18.81	3		
		12	13	18.68	18.27	17.83	3		
		25	0	18.90	18.93	18.65	3		

LTE Band 25 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPR (dB)	Max. Tune-up (dB)	
		Channel Frequency (MHz)	Channel	26340	26340	26340			
20M	QPSK	1	0	23.05	23.00	23.02	0	24	
		1	50	23.03	22.99	22.94	0	24	
		1	99	22.91	22.89	22.92	0	24	
		50	0	22.23	22.21	22.14	1	23	
		50	25	22.24	22.23	22.16	1	23	
		50	50	22.19	22.15	22.16	1	23	
	16QAM	100	0	22.23	22.23	22.20	1	23	
		1	0	22.43	22.34	22.39	1	23	
		1	50	22.24	22.25	22.22	1	23	
		1	99	22.26	22.20	22.22	1	23	
		50	0	21.26	21.21	21.14	2	22	
		50	25	21.24	21.24	21.21	2	22	
15M	QPSK	50	50	21.21	21.13	21.13	2	22	
		100	0	21.55	21.51	21.43	2	22	
		1	50	21.41	21.37	21.37	2	22	
		1	99	21.38	21.36	21.31	2	22	
		50	0	20.14	20.14	20.14	3	21	
		50	25	20.21	20.21	20.18	3	21	
	16QAM	100	0	20.19	20.10	20.15	3	21	
		50	0	20.17	20.17	20.20	3	21	
		1	0	20.55	20.50	20.55	3	21	
		1	50	20.57	20.56	20.57	3	21	
		1	99	20.57	20.56	20.56	3	21	
		50	0	20.16	20.16	20.13	3	21	
10M	QPSK	36	0	22.99	22.95	23.01	0	24	
		1	0	22.92	22.87	22.92	0	24	
		1	74	22.82	22.82	22.90	0	24	
		36	0	22.20	22.21	22.21	1	23	
		36	19	22.21	22.22	22.10	1	23	
		36	38	22.16	22.16	22.14	1	23	
	16QAM	75	0	22.16	22.21	22.17	1	23	
		1	0	22.41	22.26	22.38	1	23	
		1	37	22.16	22.21	22.17	1	23	
		1	74	22.12	22.12	22.20	1	23	
		36	0	21.25	21.14	21.06	2	22	
		36	19	21.18	21.21	21.17	2	22	
5M	QPSK	36	39	21.18	21.18	21.09	2	22	
		75	0	21.14	21.07	21.17	2	22	
		1	0	21.54	21.49	21.35	2	22	
		1	37	21.34	21.29	21.31	2	22	
		1	74	21.31	21.31	21.27	2	22	
		36	0	20.16	20.02	20.13	3	21	
	16QAM	36	19	20.15	20.18	20.14	3	21	
		36	39	20.17	20.16	20.14	3	21	
		75	0	20.11	20.10	20.13	3	21	
		1	0	20.55	20.50	20.55	3	21	
		1	50	20.57	20.56	20.56	3	21	
		50	0	20.16	20.16	20.13	3	21	
20M	QPSK	1	0	22.97	22.92	22.97	0	24	
		1	24	22.89	22.87	22.86	0	24	
		1	48	22.84	22.81	22.86	0	24	
		25	0	22.18	22.20	22.11	1	23	
		25	12	22.22	22.16	22.11	1	23	
		25	25	22.13	22.07	22.14	1	23	
	16QAM	50	0	22.20	22.15	22.19	1	23	
		1	0	22.35	22.30	22.34	1	23	
		1	24	22.22	22.17	22.21	1	23	
		1	48	22.18	22.16	22.17	1	23	
		25	0	21.23	21.13	21.12	2	22	
		25	12	21.17	21.17	21.16	2	22	
10M	QPSK	25	25	21.15	21.06	21.11	2	22	
		50	0	21.19	21.13	21.11	2	22	
		1	0	21.50	21.43	21.27	2	22	
		1	24	21.41	21.31	21.35	2	22	
		1	48	21.32	21.29	21.29	2	22	
		25	0	20.10	20.05	20.09	3	21	
	16QAM	25	12	20.18	20.15	20.16	3	21	
		25	25	20.16	20.10	20.13	3	21	
		50	0	20.17	20.10	20.15	3	21	
		1	0	20.55	20.50	20.55	3	21	
		1	50	20.57	20.56	20.56	3	21	
		50	0	20.16	20.16	20.13	3	21	
5M	QPSK	1	0	22.97	22.92	22.97	0	24	
		1	12	22.99	22.84	22.83	0	24	
		1	24	22.85	22.87	22.87	0	24	
		12	0	22.14	22.10	22.12	1	23	
		12	6	22.16	22.21	22.11	1	23	
		12	13	22.07	22.07	22.14	1	23	
	16QAM	25	0	22.14	22.17	22.12	1	23	
		1	0	22.37	22.37	22.37	1	23	
		1	12	22.17	22.20	22.20	1	23	
		1	24	22.20	22.13	22.17	1	23	
		12	6	21.19	21.14	21.12	2	22	
		12	6	21.16	21.22	21.15	2	22	
20M	QPSK	12	13	21.13	21.12	21.11	2	22	
		25	0	21.16	21.10	21.11	2	22	
		1	0	21.51	21.41	21.41	2	22	
		1	12	21.37	21.32	21.29	2	22	
		1	24	21.32	21.34	21.28	2	22	
		12	6	20.07	20.07	20.10	3	21	
	16QAM	12	6	20.13	20.06	20.10	3	21	
		12	13	20.22	20.05	20.13	3	21	
		25	0	20.13	20.15	20.17	3	21	
		1	0	20.55	20.50	20.55	3	21	
		1	50	20.57	20.56	20.56	3	21	
		50	0	20.16	20.16	20.13	3	21	
10M	QPSK	1	0	22.99	22.93	22.97	0	24	
		1	7	22.95	22.84	22.82	0	24	
		1	14	22.87	22.87	22.86	0	24	
		8	0	22.13	22.14	22.12	1	23	
		8	3	22.20	22.18	22.08	1	23	
		8	7	22.11	22.14	22.14	1	23	
	16QAM	15	0	22.15	22.16	22.16	1	23	
		1	0	22.41	22.26	22.38	1	23	
		1	7	22.16	22.21	22.17	1	23	
		1	14	22.20	22.12	22.19	1	23	
		8	0	21.24	21.12	21.09	2	22	
		8	3	21.18	21.16	21.19	2	22	
5M	QPSK	8	7	21.20	21.11	21.05	2	22	
		15	0	21.15	21.11	21.13	2	22	
		1	0	21.54	21.45	21.41	2	22	
		1	7	21.36	21.35	21.30	2	22	
		1	14	21.38	21.29	21.30	2	22	
		8	0	20.10	20.05	20.09	3	21	
	16QAM	8	3	20.19	20.13	20.17	3	21	
		8	7	20.11	20.09	20.13	3	21	
		15	0	20.17	20.17	20.19	3	21	
		1	0	21.42	21.09	21.11	2	22	
		1	0	21.19	21.49	21.37	2	22	
		1	2	21.08	21.29	21.06	2	22	
20M	QPSK	1	5	21.51	21.31	21.25	2	22	
		3	0	21.10	21.03	21.06	2	22	
		3	1	20.17	21.13	21.16	2	22	
		3	2	21.12	21.02	21.14	2	22	
		6	0	20.17	20.09	20.13	3	21	
		6	0	20.17	20.09	20.13	3	21	
	10M	QPSK	1	0	23.04	22.98	22.94	0	24
			1	2	22.96	22.91	22.96	0	24
			1	5	22.90	22.83	22.90	0	24
			3	0	22.86	22.78	22.79	0	24
			3	1	22.82	22.85	22.84	0	24
			3	2	22.77	22.77	22.85	0	24
16QAM		6	0	22.18	22.18	22.15	1	23	
		1	0	22.35	22.33	22.34	1	23	
		1	2	22.20	22.20	22.21	1	23	
		1	5	22.20	22.18	22.17	1	23	
		3	1	22.19	22.14	22.12	1	23	
		3	2	22.16	22.22	22.16	1	23	
5M	QPSK	3	2	22.13	22.12	22.11	1	23	
		6	0	21.12	21.09	21.11	2	22	
		1	0	21.49	21.49	21.37	2	22	
		1	2	21.08	21.29	21.06	2	22	
		1	5	21.51	21.31	21.25	2	22	
		3	0	21.10	21.03	21.06	2	22	
	16QAM	3	1	20.17	21.13	21.16	2	22	
		3	2	21.12	21.02	21.14	2	22	
		6	0	20.17	20.09	20.13	3	21	
		6	0	20.17	20.09	20.13	3	21	
		1	0	21.42	21.09	21.11	2	22	
		1	0	21.19	21.49	21.37	2	22	
20M	QPSK	1	0	23.04	22.98	22.94	0	24	
		1	2	22.96	22.91	22.96	0	24	
		1	5	22.90	22.83	22.90	0	24	
		3	0	22.86	22.78	22.79	0	24	
		3	1	22.82	22.85	22.84	0	24	
		3	2	22.77	22.77	22.85	0	24	
	16QAM	6	0	22.18	22.18	22.15	1	23	
		1	0	22.35	22.33	22.34	1	23	
		1	2	22.20	22.20	22.21	1	23	
		1	5	22.20	22.18	22.17	1	23	
		3	1	22.19	22.14	22.12	1	23	
		3	2	22.16	22.22	22.16	1	23	
10M	QPSK	3	2	22.13	22.12	22.11	1	23	
		6	0	21.12	21.09	21.11	2	22	
		1	0	21.49	21.49	21.37	2	22	
		1	2	21.08	21.29	21.06	2	22	
		1	5	21.51	21.31	21.25	2	22	
		3	0	21.10	21.03	21.06	2	22	
	16QAM	3	1	20.17	21.13	21.16	2	22	
		3	2	21.12	21.02	21.14	2	22	
		6	0	20.17	20.09	20.13	3	21	
		6	0	20.17	20.09	20.13	3	21	
		1	0	21.42	21.09	21.11	2	22	
		1	0	21.19	21.49	21.37	2	22	
5M	QPSK	1	0	22.97	22.92	22.97	0	24	
		1	12	22.99	22.84	22.83	0	24	
		1	24	22.85	22.87	22.87	0	24	
		12	0	22.14	22.10	22.12	1	23	
		12	6	22.16	22.21	22.11	1	23	
		12	13	22.07	22.07	22.14	1	23	
	16QAM	25	0	22.14	22.17	22.12	1	23	
		1	0	22.37	22.37	22.37	1	23	
		1	12	22.17	22.20	22.20	1	23	
		1	24	22.20	22.13	22.17	1	23	
		12	6	21.19	21.14	21.12	2	22	
		12	6	21.16	21.22	21.15	2	22	
20M	QPSK	12	13	21.13	21.12	21.11	2	22	
		25	0	21.16	21.10	21.11	2	22	
		1	0	21.51	21.41	21.41	2	22	
		1	12	21.37	21.32	21.29	2	22	
		1	24	21.32	21.34	21.28	2	22	
		12	6	20.07	20.07	20.10	3	21	
	16QAM	12	6	20.13	20.06	20.10	3	21	
		12	13	20.22	20.05	20.13	3	21	
		25	0	20.13	20.15	20.17	3	21	
		1	0						

LTE Band 26 for FCC SAR (Ant2)														
BW	MCS Index	RB Size		RB Offset	Low		Mid		SPPP MPR (dB)	Max. Tune-up (dBm)				
		Channel Frequency (MHz)	833.5		833.5	847.5								
15M	QPSK	1	0	22.31	22.34	22.47	0	24						
		1	37	22.36	22.37	22.48	0	24						
		1	74	22.17	22.21	22.38	0	24						
		35	0	21.38	21.44	21.47	1	23						
		36	19	21.30	21.35	21.46	1	23						
		36	39	21.38	21.41	21.54	1	23						
		75	0	21.17	21.38	21.49	1	23						
		1	0	21.51	21.55	21.70	1	23						
	16QAM	1	37	21.82	21.82	21.88	1	23						
		1	74	21.70	21.80	21.88	1	23						
		36	0	20.36	20.36	20.52	2	22						
		36	19	20.27	20.37	20.45	2	22						
		36	39	20.35	20.38	20.51	2	22						
		75	0	20.32	20.33	20.44	2	22						
		1	0	20.43	20.47	20.62	2	22						
		1	37	20.24	20.29	20.32	2	22						
64QAM	1	74	20.01	20.04	20.15	2	22							
	36	0	19.47	19.48	19.51	3	21							
	36	19	19.48	19.50	19.53	3	21							
	36	39	19.42	19.42	19.58	3	21							
	75	0	19.41	19.42	19.55	3	21							
	75	0	19.46	19.46	19.56	3	21							
	BW	MCS Index	Channel Frequency (MHz)				26765				26765			
			833.5				833.5				847.5			
		QPSK	1	0	22.28	22.28	22.45	0	24					
			1	24	22.36	22.30	22.43	0	24					
			1	48	22.11	22.12	22.34	1	23					
			25	0	21.38	21.42	21.39	1	23					
			25	12	21.23	21.27	21.40	1	23					
25			25	21.36	21.36	21.52	1	23						
50			0	20.30	20.26	20.39	2	22						
1			0	21.45	21.47	21.68	1	23						
16QAM		1	24	21.80	21.74	21.97	1	23						
		1	48	21.62	21.76	21.83	1	23						
		25	0	20.34	20.28	20.51	2	22						
		25	12	20.19	20.33	20.40	2	22						
		25	25	20.32	20.32	20.49	2	22						
		50	0	20.30	20.26	20.39	2	22						
	64QAM	1	0	20.37	20.39	20.60	2	22						
		1	24	20.23	20.27	20.24	2	22						
1		48	19.96	19.96	20.09	2	22							
25		0	19.46	19.42	19.59	3	21							
25		12	19.44	19.48	19.45	3	21							
25		25	19.40	19.34	19.57	3	21							
50		0	19.40	19.36	19.53	3	21							
BW		MCS Index	Channel Frequency (MHz)				26765				26765			
	833.5				833.5				847.5					
	QPSK	1	0	22.26	22.26	22.46	0	24						
		1	12	22.32	22.32	22.43	0	24						
		1	24	22.09	22.20	22.31	0	24						
		12	0	21.35	21.39	21.46	1	23						
		12	6	21.24	21.33	21.41	1	23						
		12	13	21.31	21.36	21.52	1	23						
		25	0	21.29	21.36	21.44	1	23						
		1	0	21.49	21.47	21.68	1	23						
	16QAM	1	12	21.74	21.76	21.80	1	23						
		1	24	21.64	21.78	21.82	1	23						
		12	0	20.29	20.31	20.50	2	22						
		12	6	20.21	20.30	20.40	2	22						
		12	13	20.28	20.33	20.48	2	22						
		25	0	20.24	20.31	20.38	2	22						
64QAM		1	0	20.35	20.46	20.60	2	22						
		1	12	20.20	20.24	20.24	2	22						
	1	24	19.93	20.03	20.13	2	22							
	12	0	19.43	19.43	19.53	3	21							
	12	6	19.39	19.48	19.50	3	21							
	12	13	19.35	19.37	19.56	3	21							
	25	0	19.33	19.40	19.49	3	21							
	BW	MCS Index	Channel Frequency (MHz)				26765				26765			
833.5				833.5				847.5						
QPSK		1	0	22.25	22.25	22.45	0	24						
		1	7	22.29	22.32	22.46	0	24						
		1	14	22.11	22.14	22.31	0	24						
		8	0	21.52	21.59	21.45	1	23						
		8	3	21.22	21.33	21.40	1	23						
		8	7	21.30	21.40	21.52	1	23						
		15	0	21.33	21.33	21.41	1	23						
		1	0	21.43	21.54	21.68	1	23						
16QAM		1	7	21.77	21.77	21.94	1	23						
		1	14	21.68	21.72	21.87	1	23						
		8	0	20.28	20.32	20.47	2	22						
		8	3	20.24	20.31	20.43	2	22						
		8	7	20.33	20.31	20.46	2	22						
		15	0	20.26	20.25	20.42	2	22						
	64QAM	1	0	20.42	20.42	20.44	2	22						
		1	7	20.18	20.21	20.26	2	22						
1		14	20.00	19.98	20.13	2	22							
8		0	19.42	19.46	19.54	3	21							
8		3	19.43	19.42	19.52	3	21							
8		7	19.34	19.38	19.53	3	21							
15		0	19.39	19.34	19.54	3	21							
BW		MCS Index	Channel Frequency (MHz)				26765				26765			
	833.5				833.5				847.5					
	QPSK	1	0	22.23	22.23	22.42	0	24						
		1	7	22.26	22.29	22.40	0	24						
		1	9	22.12	22.13	22.30	0	24						
		3	0	22.18	22.18	22.25	0	24						
		3	7	22.09	22.08	22.21	0	24						
		3	9	22.16	22.13	22.32	0	24						
		6	0	21.32	21.30	21.48	1	23						
		1	0	21.47	21.50	21.65	1	23						
	16QAM	1	2	21.34	21.40	21.53	1	23						
		1	9	21.66	21.75	21.87	1	23						
		3	0	21.30	21.34	21.47	1	23						
		3	1	21.29	21.32	21.43	1	23						
		3	9	21.27	21.36	21.46	1	23						
		6	0	20.30	20.25	20.54	2	22						
1		2	20.18	20.27	20.36	2	22							
64QAM		1	0	20.43	20.43	20.56	2	22						
	3	1	20.39	20.48	20.47	2	22							
	3	3	20.30	20.37	20.57	2	22							
	3	9	19.37	19.37	19.50	3	21							

LTE Band 41 (2496 ~ 2690MHz) (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR	Max. Tune-up
		Channel Frequency (MHz)	2496	2497	2498	2499	2500	MPR	Tune-up	
20M	QPSK	1	0	22.86	22.84	22.64	22.53	22.40	0	24
		1	50	22.49	22.61	22.32	22.13	22.10	0	24
		1	99	22.58	22.70	22.41	22.22	22.13	0	24
		50	0	23.74	23.86	23.64	23.44	23.38	1	23
		50	25	21.83	21.93	21.64	21.51	21.36	1	23
	16QAM	50	50	21.69	21.81	21.60	21.40	21.34	1	23
		100	0	21.63	21.75	21.66	21.46	21.38	1	23
		1	0	21.86	21.98	21.67	21.49	21.45	1	23
		1	50	21.72	21.82	21.59	21.36	21.28	1	23
		1	99	21.66	21.81	21.54	21.38	21.27	1	23
40QAM	16QAM	50	0	20.80	20.85	20.66	20.46	20.40	2	22
		50	25	20.78	20.93	20.66	20.48	20.40	2	22
		50	50	20.76	20.84	20.62	20.45	20.36	2	22
		100	0	20.87	20.94	20.66	20.48	20.41	2	22
		1	0	20.49	20.59	20.32	20.16	20.09	2	22
	64QAM	1	0	20.44	20.50	20.26	20.13	19.97	2	22
		1	99	20.35	20.44	20.24	20.03	19.99	2	22
		50	0	19.80	19.90	19.68	19.46	19.37	3	21
		50	25	19.82	19.92	19.68	19.56	19.44	3	21
		50	50	19.82	19.94	19.66	19.47	19.41	3	21
BW	MCS Index	Channel		2496	2497	2498	2499	2500	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2496	2497	2498	2499	2500	MPR	Tune-up
		1	0	22.85	22.80	22.56	22.51	22.34	0	24
		1	37	22.46	22.58	22.26	22.05	22.08	0	24
		1	74	22.66	22.69	22.37	22.17	22.07	0	24
	QPSK	36	0	21.68	21.81	21.63	21.40	21.37	1	23
		36	19	21.82	21.91	21.59	21.50	21.29	1	23
		36	38	21.61	21.74	21.58	21.36	21.32	1	23
		75	0	21.82	21.87	21.63	21.46	21.33	1	23
		1	0	21.82	21.87	21.61	21.42	21.43	1	23
15M	16QAM	1	37	21.68	21.77	21.57	21.28	21.21	1	23
		1	74	21.60	21.79	21.51	21.36	21.04	1	23
		36	0	20.78	20.77	20.65	20.42	20.39	2	22
		36	19	20.70	20.89	20.61	20.42	20.35	2	22
		36	39	20.73	20.78	20.60	20.43	20.34	2	22
	64QAM	75	0	20.86	20.89	20.67	20.40	20.35	2	22
		1	0	20.39	20.56	20.28	20.13	20.08	2	22
		1	37	20.42	20.43	20.21	20.12	19.89	2	22
		1	74	20.29	20.36	20.22	19.97	19.86	2	22
		36	0	19.79	19.88	19.60	19.43	19.34	3	21
BW	MCS Index	Channel		2496	2497	2498	2499	2500	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2496	2497	2498	2499	2500	MPR	Tune-up
		1	0	22.85	22.80	22.56	22.51	22.34	0	24
		1	37	22.46	22.58	22.26	22.05	22.08	0	24
		1	74	22.66	22.69	22.37	22.17	22.07	0	24
	QPSK	36	0	21.68	21.81	21.63	21.40	21.37	1	23
		36	19	21.82	21.91	21.59	21.50	21.29	1	23
		36	38	21.61	21.74	21.58	21.36	21.32	1	23
		75	0	21.82	21.87	21.63	21.46	21.33	1	23
		1	0	21.82	21.87	21.61	21.42	21.43	1	23
10M	16QAM	1	37	21.68	21.77	21.57	21.28	21.21	1	23
		1	74	21.60	21.79	21.51	21.36	21.04	1	23
		36	0	20.78	20.77	20.65	20.42	20.39	2	22
		36	19	20.70	20.89	20.61	20.42	20.35	2	22
		36	39	20.73	20.78	20.60	20.43	20.34	2	22
	64QAM	75	0	20.86	20.89	20.67	20.40	20.35	2	22
		1	0	20.39	20.56	20.28	20.13	20.08	2	22
		1	37	20.42	20.43	20.21	20.12	19.89	2	22
		1	74	20.29	20.36	20.22	19.97	19.86	2	22
		36	0	19.79	19.88	19.60	19.43	19.34	3	21
BW	MCS Index	Channel		2496	2497	2498	2499	2500	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2496	2497	2498	2499	2500	MPR	Tune-up
		1	0	22.85	22.80	22.56	22.51	22.34	0	24
		1	37	22.46	22.58	22.26	22.05	22.08	0	24
		1	74	22.66	22.69	22.37	22.17	22.07	0	24
	QPSK	36	0	21.68	21.81	21.63	21.40	21.37	1	23
		36	19	21.82	21.91	21.59	21.50	21.29	1	23
		36	38	21.61	21.74	21.58	21.36	21.32	1	23
		75	0	21.82	21.87	21.63	21.46	21.33	1	23
		1	0	21.82	21.87	21.61	21.42	21.43	1	23
5M	16QAM	1	0	21.78	21.93	21.65	21.41	21.40	1	23
		1	12	21.64	21.80	21.54	21.32	21.27	1	23
		1	24	21.66	21.82	21.56	21.30	21.22	1	23
		12	0	20.72	20.79	20.58	20.42	20.38	2	22
		12	6	20.72	20.91	20.60	20.42	20.35	2	22
	64QAM	12	12	21.49	21.79	21.56	21.33	21.28	2	22
		25	0	21.77	21.89	21.61	21.41	21.35	1	23
		1	0	21.78	21.93	21.65	21.41	21.40	1	23
		1	12	21.64	21.80	21.54	21.32	21.27	1	23
		12	6	20.72	20.91	20.60	20.42	20.35	2	22
20M	16QAM	12	0	20.72	20.79	20.58	20.42	20.38	2	22
		12	6	20.72	20.91	20.60	20.42	20.35	2	22
		25	0	20.73	20.79	20.57	20.44	20.34	2	22
		25	0	20.83	20.87	20.60	20.43	20.40	2	22
		1	0	20.38	20.54	20.30	20.11	20.04	2	22
	64QAM	1	12	20.36	20.48	20.20	20.12	19.92	2	22
		12	6	20.27	20.42	20.16	20.02	19.88	2	22
		12	0	19.76	19.85	19.50	19.44	19.35	3	21
		12	6	19.74	19.91	19.66	19.51	19.39	3	21
		12	12	19.69	19.87	19.65	19.50	19.27	3	21
1	0	19.78	19.87	19.67	19.44	19.34	3	21		

LTE Band 43 (Ant7)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequency (MHz)		3610	3650	3690		
20M	QPSK	1	0	23.06	23.15	23.11	0	24
		1	50	22.95	22.94	22.92	0	24
		1	99	22.87	22.91	22.83	0	24
		50	0	22.01	22.02	22.02	1	23
		50	25	22.01	22.07	22.03	1	23
		50	50	21.96	21.92	21.96	1	23
		100	0	22.00	22.06	22.02	1	23
		1	0	22.19	22.18	22.19	1	23
	16QAM	1	50	22.04	22.02	21.96	1	23
		1	99	21.91	21.96	21.92	1	23
		50	0	21.05	21.02	21.01	2	22
		50	25	21.04	21.04	21.07	2	22
		50	50	20.99	21.00	20.91	2	22
		100	0	21.01	21.02	21.01	2	22
		1	0	20.84	20.87	20.81	2	22
		1	50	20.75	20.71	20.75	2	22
	64QAM	1	99	20.61	20.64	20.58	2	22
		50	0	20.06	20.07	19.98	3	21
		50	25	20.07	20.07	20.10	3	21
		50	50	20.01	19.99	19.93	3	21
		100	0	20.04	20.05	20.05	3	21
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	22.98	23.08	23.09	0	24
		1	37	22.94	22.90	22.89	0	24
		1	74	22.84	22.90	22.77	0	24
		36	0	21.97	21.97	22.00	1	23
		36	19	21.95	22.05	22.00	1	23
		36	39	21.94	21.84	21.95	1	23
		75	0	21.92	22.02	21.97	1	23
	16QAM	1	0	22.16	22.12	22.17	1	23
		1	37	22.03	21.97	21.88	1	23
		1	74	21.85	21.93	21.88	1	23
		36	0	21.03	20.95	20.96	2	22
		36	19	20.98	20.96	21.05	2	22
		36	39	20.98	20.98	20.83	2	22
		75	0	20.94	20.94	20.95	2	22
	64QAM	1	0	20.82	20.86	20.77	2	22
		1	37	20.73	20.63	20.74	2	22
		1	74	20.59	20.63	20.54	2	22
		36	0	20.05	20.05	19.90	3	21
		36	19	20.01	19.99	20.08	3	21
		36	39	20.00	19.94	19.85	3	21
		75	0	20.00	20.00	20.03	3	21
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3605	3650	3695		
10M	QPSK	1	0	23.11	23.11	23.06	0	24
		1	24	22.92	22.88	22.90	0	24
		1	49	22.85	22.84	22.78	0	24
		25	0	21.95	21.94	22.00	1	23
		25	12	22.00	22.05	21.95	1	23
		25	25	21.89	21.84	21.90	1	23
		50	0	21.97	22.00	22.00	1	23
	16QAM	1	0	22.17	22.11	22.14	1	23
		1	24	21.98	21.94	21.94	1	23
		1	49	21.89	21.88	21.91	1	23
		25	0	20.97	20.98	20.96	2	22
		25	12	21.02	20.96	21.06	2	22
		25	25	20.91	20.96	20.86	2	22
		50	0	20.98	20.96	20.99	2	22
	64QAM	1	0	20.82	20.80	20.76	2	22
		1	24	20.69	20.63	20.73	2	22
		1	49	20.60	20.62	20.50	2	22
		25	0	20.01	19.99	19.92	3	21
		25	12	20.06	20.01	20.08	3	21
		25	25	19.98	19.93	19.91	3	21
		50	0	19.96	20.01	20.00	3	21
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	23.01	23.08	23.06	0	24
		1	12	22.93	22.86	22.90	0	24
		1	24	22.79	22.90	22.78	0	24
		12	0	21.97	21.97	22.01	1	23
		12	6	21.95	22.05	21.98	1	23
		12	13	21.89	21.87	21.94	1	23
		25	0	21.92	22.04	21.97	1	23
	16QAM	1	0	22.17	22.10	22.17	1	23
		1	12	21.96	21.96	21.88	1	23
		1	24	21.85	21.94	21.86	1	23
		12	0	20.98	20.97	20.99	2	22
		12	6	20.98	20.97	21.02	2	22
		12	13	20.92	20.95	20.89	2	22
		25	0	20.93	21.00	20.95	2	22
	64QAM	1	0	20.76	20.86	20.79	2	22
		1	12	20.71	20.66	20.67	2	22
		1	24	20.53	20.63	20.56	2	22
		12	0	20.02	20.02	19.90	3	21
		12	6	20.01	20.05	20.07	3	21
		12	13	19.94	19.94	19.91	3	21
		25	0	19.96	20.03	20.00	3	21

LTE Band 48 for FCC SAR (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		55340	55830	56150	56640			
		Frequency (MHz)		3560	3609	3641	3690			
20M	QPSK	1	0	22.34	22.58	22.80	22.85	0	24	
		1	50	22.25	22.39	22.69	22.74	0	24	
		1	99	22.15	22.39	22.61	22.66	0	24	
		50	0	21.28	21.45	21.72	21.77	1	23	
		50	25	21.26	21.41	21.66	21.71	1	23	
		50	50	21.18	21.36	21.65	21.70	1	23	
		100	0	21.29	21.48	21.65	21.70	1	23	
	16QAM	1	0	21.28	21.47	21.72	21.77	1	23	
		1	50	21.36	21.53	21.80	21.85	1	23	
		1	99	21.41	21.56	21.81	21.86	1	23	
		50	0	20.32	20.50	20.79	20.79	2	22	
		50	25	20.31	20.45	20.75	20.76	2	22	
		50	50	20.27	20.51	20.73	20.81	2	22	
		100	0	20.29	20.43	20.73	20.78	2	22	
	64QAM	1	0	20.35	20.59	20.81	20.86	2	22	
		1	50	20.37	20.54	20.81	20.87	2	22	
		1	99	20.34	20.49	20.74	20.79	2	22	
		50	0	20.18	20.36	20.65	20.70	3	21	
		50	25	20.19	20.38	20.55	20.60	3	21	
		50	50	20.12	20.29	20.54	20.60	3	21	
		100	0	20.21	20.36	20.63	20.68	3	21	
	BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up
			Frequency (MHz)		3557.5	3608	3642	3692.5		
	15M	QPSK	1	0	22.26	22.54	22.75	22.80	0	24
1			37	22.23	22.31	22.68	22.73	0	24	
1			74	22.07	22.35	22.56	22.61	0	24	
36			0	21.25	21.39	21.70	21.75	1	23	
36			19	21.24	21.34	21.61	21.66	1	23	
36			39	21.12	21.28	21.63	21.68	1	23	
75			0	21.28	21.46	21.57	21.62	1	23	
16QAM		1	0	21.21	21.39	21.66	21.71	1	23	
		1	37	21.33	21.47	21.78	21.83	1	23	
		1	74	21.39	21.49	21.76	21.81	1	23	
		36	0	20.26	20.42	20.77	20.72	2	22	
		36	19	20.29	20.37	20.74	20.71	2	22	
		36	39	20.19	20.47	20.68	20.79	2	22	
		75	0	20.27	20.35	20.72	20.77	2	22	
64QAM		1	0	20.27	20.55	20.76	20.81	2	22	
		1	37	20.34	20.48	20.79	20.86	2	22	
		1	74	20.32	20.42	20.69	20.74	2	22	
		36	0	20.12	20.28	20.63	20.68	3	21	
		36	19	20.18	20.36	20.47	20.52	3	21	
		36	39	20.07	20.21	20.48	20.55	3	21	
		75	0	20.20	20.30	20.61	20.66	3	21	
BW		MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up
			Frequency (MHz)		3555	3607.5	3642.5	3695		
10M		QPSK	1	0	22.29	22.51	22.75	22.80	0	24
	1		24	22.23	22.31	22.67	22.73	0	24	
	1		49	22.10	22.31	22.60	22.61	0	24	
	25		0	21.24	21.40	21.67	21.75	1	23	
	25		12	21.18	21.40	21.61	21.66	1	23	
	25		25	21.14	21.31	21.64	21.68	1	23	
	50		0	21.23	21.46	21.60	21.62	1	23	
	16QAM	1	0	21.21	21.42	21.70	21.71	1	23	
		1	24	21.28	21.51	21.75	21.83	1	23	
		1	49	21.39	21.48	21.79	21.81	1	23	
		25	0	20.24	20.44	20.71	20.72	2	22	
		25	12	20.25	20.43	20.69	20.71	2	22	
		25	25	20.20	20.46	20.71	20.79	2	22	
		50	0	20.23	20.36	20.68	20.77	2	22	
	64QAM	1	0	20.28	20.54	20.79	20.81	2	22	
		1	24	20.29	20.52	20.75	20.86	2	22	
		1	49	20.26	20.48	20.72	20.74	2	22	
		25	0	20.14	20.31	20.57	20.68	3	21	
		25	12	20.11	20.37	20.53	20.52	3	21	
		25	25	20.08	20.24	20.46	20.55	3	21	
		50	0	20.15	20.34	20.60	20.66	3	21	
	BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up
			Frequency (MHz)		3552.5	3607	3643	3697.5		
	5M	QPSK	1	0	22.28	22.56	22.74	22.80	0	24
1			12	22.18	22.34	22.67	22.73	0	24	
1			24	22.09	22.32	22.56	22.61	0	24	
12			0	21.21	21.40	21.70	21.75	1	23	
12			6	21.18	21.39	21.60	21.66	1	23	
12			13	21.10	21.35	21.63	21.68	1	23	
25			0	21.25	21.43	21.57	21.62	1	23	
16QAM		1	0	21.20	21.46	21.70	21.71	1	23	
		1	12	21.31	21.48	21.76	21.83	1	23	
		1	24	21.39	21.48	21.80	21.81	1	23	
		12	0	20.24	20.46	20.74	20.72	2	22	
		12	6	20.28	20.39	20.73	20.71	2	22	
		12	13	20.25	20.44	20.68	20.79	2	22	
		25	0	20.23	20.35	20.71	20.77	2	22	
64QAM		1	0	20.34	20.57	20.73	20.81	2	22	
		1	12	20.32	20.46	20.75	20.86	2	22	
		1	24	20.33	20.43	20.72	20.74	2	22	
		12	0	20.13	20.34	20.58	20.68	3	21	
		12	6	20.17	20.30	20.54	20.52	3	21	
		12	13	20.04	20.25	20.49	20.55	3	21	
		25	0	20.19	20.28	20.62	20.66	3	21	

LTE Band 66 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Md	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel			13322	13322	13322		
		Frequency (MHz)			1715	1715	1715		
20M	QPSK	1	0	22.09	23.02	23.54	0	24	
		1	50	22.07	23.07	23.61	0	24	
		1	99	23.08	23.15	23.68	0	24	
		50	0	22.17	22.27	22.81	1	23	
		50	25	22.19	22.33	22.80	1	23	
		50	50	22.17	22.32	22.82	1	23	
		100	0	22.18	22.25	22.73	1	23	
		1	0	22.47	22.62	23.12	1	23	
		1	50	22.55	22.63	23.15	1	23	
		1	99	22.64	22.66	23.24	1	23	
	16QAM	50	0	21.53	21.65	22.15	2	22	
		50	25	21.52	21.57	22.12	2	22	
		50	50	21.51	21.54	22.07	2	22	
		100	0	21.46	21.52	22.09	2	22	
		1	0	21.84	21.91	22.36	2	22	
		1	50	21.76	21.81	22.34	2	22	
		1	99	21.78	21.81	22.36	2	22	
		50	0	20.58	20.69	21.15	3	21	
		50	25	20.54	20.58	21.14	3	21	
		50	50	20.46	20.58	21.08	3	21	
		100	0	20.48	20.50	21.08	3	21	
15M	QPSK	Channel			13202	13202	13202	3GPP MPR	Max. Tune-up
		Frequency (MHz)			1715	1745	1775		
		1	0	22.09	23.05	23.46	0	24	
		1	37	22.90	23.02	23.59	0	24	
		1	74	23.02	23.08	23.63	0	24	
		36	0	22.10	22.22	22.79	1	23	
		36	19	22.11	22.31	22.74	1	23	
		36	39	22.09	22.31	22.80	1	23	
		75	0	22.14	22.20	22.65	1	23	
		1	0	22.39	22.61	23.10	1	23	
	16QAM	1	37	22.50	22.58	23.11	1	23	
		1	74	22.62	22.58	23.23	1	23	
		36	0	21.45	21.61	22.10	2	22	
		36	19	21.49	21.51	22.10	2	22	
		36	39	21.49	21.47	22.02	2	22	
		75	0	21.40	21.44	22.07	2	22	
		1	0	21.83	21.89	22.28	2	22	
		1	37	21.71	21.73	22.28	2	22	
		1	74	21.77	21.75	22.34	2	22	
		36	0	20.53	20.67	21.08	3	21	
		36	19	20.52	20.48	21.13	3	21	
		36	39	20.46	20.38	21.03	3	21	
		75	0	20.46	20.42	21.07	3	21	
10M	QPSK	Channel			13202	13202	13202	3GPP MPR	Max. Tune-up
		Frequency (MHz)			1715	1745	1775		
		1	0	22.02	23.01	23.52	0	24	
		1	24	22.06	22.99	23.60	0	24	
		1	49	23.00	23.11	23.63	0	24	
		25	0	22.14	22.21	22.79	1	23	
		25	12	22.17	22.26	22.75	1	23	
		25	25	22.11	22.24	22.80	1	23	
		50	0	22.17	22.23	22.65	1	23	
		1	0	22.40	22.54	23.05	1	23	
	16QAM	1	24	22.52	22.57	23.13	1	23	
		1	49	22.62	22.58	23.18	1	23	
		25	0	21.47	21.57	22.13	2	22	
		25	12	21.50	21.49	22.11	2	22	
		25	25	21.43	21.50	22.02	2	22	
		50	0	21.44	21.44	22.08	2	22	
		1	0	21.76	21.87	22.31	2	22	
		1	24	21.73	21.75	22.32	2	22	
		1	49	21.76	21.74	22.31	2	22	
		25	0	20.52	20.61	21.13	3	21	
5M	QPSK	Channel			13202	13202	13202	3GPP MPR	Max. Tune-up
		Frequency (MHz)			1715	1745	1775		
		1	0	22.02	23.01	23.52	0	24	
		1	12	22.06	22.99	23.59	0	24	
		1	24	23.00	23.07	23.63	0	24	
		12	0	22.13	22.22	22.76	1	23	
		12	6	22.11	22.32	22.75	1	23	
		12	13	22.13	22.27	22.81	1	23	
		25	0	22.12	22.21	22.68	1	23	
		1	0	22.40	22.57	23.10	1	23	
	16QAM	1	12	22.47	22.61	23.10	1	23	
		1	24	22.62	22.58	23.22	1	23	
		12	0	21.45	21.59	22.07	2	22	
		12	6	21.46	21.55	22.06	2	22	
		12	13	21.44	21.49	22.05	2	22	
		25	0	21.40	21.45	22.04	2	22	
		1	0	21.77	21.86	22.34	2	22	
		1	12	21.68	21.79	22.28	2	22	
		1	24	21.70	21.80	22.34	2	22	
		12	0	20.54	20.64	21.07	3	21	
3M	QPSK	Channel			13202	13202	13202	3GPP MPR	Max. Tune-up
		Frequency (MHz)			1715	1745	1775		
		1	0	22.09	23.02	23.53	0	24	
		1	7	22.96	23.05	23.56	0	24	
		1	14	23.00	23.08	23.66	0	24	
		6	0	22.16	22.23	22.78	1	23	
		6	3	22.16	22.32	22.74	1	23	
		6	7	22.13	22.27	22.80	1	23	
		15	0	22.12	22.23	22.70	1	23	
		6	0	22.45	22.54	23.11	1	23	
	16QAM	1	7	22.47	22.59	23.10	1	23	
		1	14	22.61	22.60	23.22	1	23	
		6	0	21.52	21.60	22.07	2	22	
		6	3	21.46	21.54	22.08	2	22	
		6	7	21.49	21.47	22.02	2	22	
		15	0	21.40	21.44	22.07	2	22	
		1	0	21.83	21.89	22.28	2	22	
		1	7	21.69	21.71	22.28	2	22	
		1	14	21.76	21.80	22.32	2	22	
		6	0	20.56	20.61	21.14	3	21	
1.4M	QPSK	Channel			13187	13222	13265	3GPP MPR	Max. Tune-up
		Frequency (MHz)			1715.7	1745	1775.3		
		1	0	22.07	23.03	23.49	0	24	
		1	2	22.94	23.01	23.59	0	24	
		1	5	23.06	23.08	23.63	0	24	
		3	0	22.81	22.89	23.49	0	24	
		3	1	22.88	23.01	23.42	0	24	
		3	3	22.82	22.94	23.46	0	24	
		6	0	22.17	22.19	22.71	1	23	
		1	0	22.42	22.55	23.07	1	23	
	16QAM	1	2	22.53	22.55	23.13	1	23	
		1	5	22.59	22.58	23.23	1	23	
		3	0	22.49	22.60	23.10	1	23	
		3	1	22.44	22.56	23.07	1	23	
		3	1	22.47	22.49	23.06	1	23	
		6	0	21.40	21.50	22.04	2	22	
		1	0	21.77	21.86	22.34	2	22	
		1	2	21.68	21.79	22.29	2	22	
		3	1	21.76	21.73	22.34	2	22	
		3	0	21.50	21.63	22.07	2	22	
		3	1	21.48	21.54	22.08	2	22	

LTE Band 71 (Ant2)										
BW	MCS Index	RB Size	RB Offset	Low	Md	High	3GPP MPR	Max. Tune-up		
		Channel			13322	13322	13322			
		Frequency (MHz)			678	682	682			
20M	QPSK	1	0	22.70	22.83	22.71	0	24		
		1	50	22.63	22.74	22.85	0	24		
		1	99	22.71	22.84	22.73	0	24		
		50	0	21.72	21.81	21.66	1	23		
		50	25	21.59	21.73	21.52	1	23		
		50	50	21.60	21.71	21.58	1	23		
		100	0	21.54	21.70	21.63	1	23		
		1	0	22.12	22.19	22.09	1	23		
		1	50	22.00	22.16	21.99	1	23		
		1	99	22.16	22.25	22.13	1	23		
	16QAM	50	0	20.66	20.74	20.55	2	22		
		50	25	20.58	20.73	20.56	2	22		
30M	QPSK	50	50	20.58	20.65	20.51	2	22		
		100	0	20.51	20.61	20.51	2	22		
		1	0	20.89	20.99	20.86	2	22		
		1	50	20.84	20.96	20.81	2	22		
		1	99	20.92	21.05	20.86	2	22		
		50	0	20.37	20.43	20.33	3	21		
		50	25	20.29	20.39	20.15	3	21		
		50	50	20.25	20.35	20.18	3	21		
		100	0	20.24	20.35	20.22	3	21		
		16QAM	50	50	19.37	19.57	19.37	3	21	
	100		0	19.34	19.57	19.37	3	21		
	30M	QPSK	1	0	22.64	22.78	22.70	0	24	
1			27	22.62	22.72	22.70	0	24		
1			74	22.63	22.77	22.71	0	24		
36			0	21.71	21.77	21.62	1	23		
36			19	21.56	21.72	21.46	1	23		
36			39	21.56	21.66	21.56	1	23		
75			0	21.48	21.68	21.50	1	23		
1			0	22.10	22.17	22.08	1	23		
1			37	21.92	22.12	21.84	1	23		
1			74	22.13	22.19	22.11	1	23		
16QAM		36	0	20.55	20.69	20.47	2	22		
		36	19	20.52	20.62	20.52	2	22		
40M	QPSK	36	39	20.56	20.58	20.46	2	22		
		75	0	20.45	20.53	20.35	2	22		
		1	0	20.89	21.08	20.86	2	22		
		1	37	20.77	20.87	20.75	2	22		
		1	74	20.80	21.04	20.82	2	22		
		36	0	20.39	20.49	20.32	3	21		
		36	39	20.11	20.22	20.09	3	21		
		36	59	20.22	20.38	20.12	3	21		
		75	0	20.18	20.36	20.18	3	21		
		16QAM	36	59	19.31	19.57	19.31	3	21	
	75		0	19.32	19.57	19.42	3	21		
	40M	QPSK	1	0	22.62	22.79	22.66	0	24	
1			24	22.61	22.66	22.64	0	24		
1			49	22.63	22.80	22.80	0	24		
1			24	21.69	21.75	21.64	1	23		
25			12	21.57	21.66	21.47	1	23		
25			25	21.54	21.63	21.56	1	23		
50			0	21.53	21.68	21.51	1	23		
1			0	22.06	22.16	22.05	1	23		
1			24	21.97	22.10	21.97	1	23		
1			49	22.14	22.18	22.08	1	23		
16QAM		25	0	20.50	20.56	20.33	2	22		
		25	12	20.54	20.57	20.35	2	22		
50M	QPSK	25	25	20.50	20.61	20.46	2	22		
		50	0	20.49	20.53	20.50	2	22		
		1	0	20.91	21.06	20.82	2	22		
		1	24	20.91	21.17	21.07	2	22		
		1	49	20.90	20.98	20.81	2	22		
		25	0	20.31	20.35	20.30	3	21		
		25	12	20.17	20.37	20.07	3	21		
		25	25	20.20	20.31	20.12	3	21		
		50	0	20.23	20.33	20.30	3	21		
		16QAM	25	12	19.37	19.57	19.37	3	21	
	50		0	19.38	19.57	19.45	3	21		
	50M	QPSK	1	12	22.61	22.66	22.55	0	24	
1			24	22.66	22.76	22.62	0	24		
12			0	21.68	21.76	21.61	1	23		
12			13	21.65	21.73	21.47	1	23		
12			13	21.56	21.66	21.57	1	23		
25			0	21.48	21.68	21.48	1	23		
1			0	22.09	22.13	22.07	1	23		
1			12	21.92	22.14	21.84	1	23		
1			24	22.14	22.17	22.11	1	23		
12			0	20.58	20.68	20.47	2	22		
16QAM		12	0	20.52	20.57	20.50	2	22		
		12	13	20.51	20.60	20.49	2	22		
60M	QPSK	25	0	20.45	20.54	20.46	2	22		
		1	0	20.92	21.05	20.86	2	22		
		1	12	20.92	21.05	20.75	2	22		
		1	24	20.84	21.04	20.84	2	22		
		12	0	20.33	20.38	20.26	3	21		
		12	13	20.30	20.36	20.11	3	21		
		12	13	20.13	20.20	20.10	3	21		
		25	0	20.18	20.37	20.15	3	21		
		16QAM	12	0	19.37	19.57	19.37	3	21	
			25	0	19.38	19.57	19.45	3	21	

UL CA

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Tune up limit (dBm)
			RB Size	RB offset	RB Size	RB offset			
20850	21048	QPSK	1	99	0	0	1	23.26	24.00
		16QAM	1	99	0	0	1	22.51	23.00
		64QAM	1	99	0	0	1	21.34	22.00
21100	21298	QPSK	1	99	0	0	1	23.27	24.00
		16QAM	1	99	0	0	1	22.36	23.00
		64QAM	1	99	0	0	1	21.48	22.00
21350	21152	QPSK	1	99	0	0	1	23.17	24.00
		16QAM	1	99	0	0	1	22.35	23.00
		64QAM	1	99	0	0	1	21.28	22.00

CA_38C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
37850	38048	QPSK	1	0	0	0	1	22.81	24.00
		16QAM	1	0	0	0	1	22.08	23.00
		64QAM	1	0	0	0	1	20.77	22.00
37901	38099	QPSK	1	0	0	0	1	22.66	24.00
		16QAM	1	0	0	0	1	21.82	23.00
		64QAM	1	0	0	0	1	20.53	22.00
38150	37952	QPSK	1	0	0	0	1	22.51	24.00
		16QAM	1	0	0	0	1	21.70	23.00
		64QAM	1	0	0	0	1	20.68	22.00

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
39750	39948	QPSK	1	0	0	0	1	22.71	24.00
		16QAM	1	0	0	0	1	21.84	23.00
		64QAM	1	0	0	0	1	20.37	22.00
40185	40383	QPSK	1	0	0	0	1	22.54	24.00
		16QAM	1	0	0	0	1	21.74	23.00
		64QAM	1	0	0	0	1	20.23	22.00
40620	40818	QPSK	1	0	0	0	1	22.51	24.00
		16QAM	1	0	0	0	1	21.73	23.00
		64QAM	1	0	0	0	1	20.17	22.00
41055	41253	QPSK	1	0	0	0	1	22.41	24.00
		16QAM	1	0	0	0	1	21.61	23.00
		64QAM	1	0	0	0	1	20.13	22.00
41490	41292	QPSK	1	0	0	0	1	21.99	24.00
		16QAM	1	0	0	0	1	21.15	23.00
		64QAM	1	0	0	0	1	19.69	22.00

CA_42C Part27									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
42190	42388	QPSK	1	0	0	0	1	22.50	24.00
		16QAM	1	0	0	0	1	21.73	23.00
		64QAM	1	0	0	0	1	20.21	22.00
42590	42392	QPSK	1	0	0	0	1	22.63	24.00
		16QAM	1	0	0	0	1	21.71	23.00
		64QAM	1	0	0	0	1	20.09	22.00
42990	42792	QPSK	1	0	0	0	1	22.51	24.00
		16QAM	1	0	0	0	1	21.69	23.00
		64QAM	1	0	0	0	1	20.14	22.00

CA_48C For SAR									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
55340	55538	QPSK	1	0	0	0	1	22.46	24.00
		16QAM	1	0	0	0	1	21.71	23.00
		64QAM	1	0	0	0	1	20.16	22.00
55830	56028	QPSK	1	0	0	0	1	22.37	24.00
		16QAM	1	0	0	0	1	21.57	23.00
		64QAM	1	0	0	0	1	20.03	22.00
56150	56348	QPSK	1	0	0	0	1	22.44	24.00
		16QAM	1	0	0	0	1	21.70	23.00
		64QAM	1	0	0	0	1	20.17	22.00
56640	56442	QPSK	1	0	0	0	1	22.26	24.00
		16QAM	1	0	0	0	1	21.52	23.00
		64QAM	1	0	0	0	1	20.01	22.00

DL CA

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	23.09	23.20
			Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	22.97	23.11
			Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	22.95	23.08

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	CP-OFDM QPSK	1	1	21.58	21.61	21.48	22.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	CP-OFDM QPSK	1	1	21.55	21.59	21.45	22.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	CP-OFDM QPSK	1	1	21.56	21.58	21.47	22.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	CP-OFDM QPSK	1	1	21.53	21.55	21.46	22.5

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM P1/2 BPSK	1	1	23.12	23.16	23.09	24
		1	53	23.11	23.09	23.06	24
		1	104	23.09	23.06	23.00	24
		50	0	22.67	22.72	22.68	24
		50	28	23.16	23.13	23.07	24
		50	56	22.62	22.66	22.58	24
		100	0	22.66	22.76	22.62	24
	DFT-s-OFDM QPSK	1	1	23.26	23.27	23.21	24
		1	53	23.17	23.24	23.13	24
		1	104	23.11	23.20	23.11	24
		50	0	22.18	22.24	22.11	24
		50	28	23.16	23.21	23.20	24
		50	56	22.15	22.22	22.13	24
		100	0	22.15	22.24	22.13	23
	DFT-s-OFDM 16QAM	1	1	22.43	22.44	22.42	23
	DFT-s-OFDM 64QAM	1	1	20.78	20.88	20.74	21.5
	DFT-s-OFDM 256QAM	1	1	18.60	18.60	18.54	19.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	23.15	23.18	23.14	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	23.11	23.16	23.12	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	23.09	23.15	23.08	24

n5 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20M	CP-OFDM QPSK	1	1	21.26	21.29	21.20	22.5
BW	MCS Index	Channel		166300	167300	168300	Max. Tune-up
		Frequency (MHz)		831.5	836.5	841.5	
15M	CP-OFDM QPSK	1	1	21.22	21.26	21.18	22.5
BW	MCS Index	Channel		165800	167300	168800	Max. Tune-up
		Frequency (MHz)		829	836.5	844	
10M	CP-OFDM QPSK	1	1	21.20	21.24	21.13	22.5
BW	MCS Index	Channel		165300	167300	169300	Max. Tune-up
		Frequency (MHz)		826.5	836.5	846.5	
5M	CP-OFDM QPSK	1	1	21.24	21.27	21.17	22.5

n5 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20M	DFT-s-OFDM P1/2 BPSK	1	1	22.79	22.83	22.71	24
		1	53	22.85	22.83	22.75	24
		1	104	22.78	22.75	22.64	24
		50	0	22.31	22.36	22.27	24
		50	28	22.81	22.78	22.67	24
		50	56	22.22	22.26	22.13	24
		100	0	22.28	22.38	22.19	24
	DFT-s-OFDM QPSK	1	1	22.84	22.89	22.78	24
		1	53	22.80	22.87	22.71	24
		1	104	22.68	22.77	22.63	24
		50	0	21.84	21.90	21.72	24
		50	28	22.76	22.81	22.75	24
		50	56	21.69	21.76	21.62	24
		100	0	21.76	21.85	21.69	23
	DFT-s-OFDM 16QAM	1	1	21.76	21.77	21.70	23
	DFT-s-OFDM 64QAM	1	1	20.44	20.54	20.35	21.5
	DFT-s-OFDM 256QAM	1	1	18.07	18.07	17.96	19.5
BW	MCS Index	Channel		166300	167300	168300	Max. Tune-up
		Frequency (MHz)		831.5	836.5	841.5	
15M	DFT-s-OFDM QPSK	1	1	22.72	22.76	22.73	24
BW	MCS Index	Channel		165800	167300	168800	Max. Tune-up
		Frequency (MHz)		829	836.5	844	
10M	DFT-s-OFDM QPSK	1	1	22.68	22.73	22.70	24
BW	MCS Index	Channel		165300	167300	169300	Max. Tune-up
		Frequency (MHz)		826.5	836.5	846.5	
5M	DFT-s-OFDM QPSK	1	1	22.75	22.77	22.73	24

n7 (SCS 15 kHz)								
BW	MCS Index	RB Size		RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			502000	507000	512000	
		Frequency (MHz)			2510	2535	2560	
20M	CP-OFDM QPSK	1	1	1	21.56	21.67	21.38	22.5
BW	MCS Index	Channel			501500	507000	512500	Max. Tune-up
		Frequency (MHz)			2507.5	2535	2562.5	
15M	CP-OFDM QPSK	1	1	1	21.53	21.62	21.35	22.5
BW	MCS Index	Channel			501000	507000	513000	Max. Tune-up
		Frequency (MHz)			2505	2535	2565	
10M	CP-OFDM QPSK	1	1	1	21.54	21.60	21.32	22.5
BW	MCS Index	Channel			500500	507000	513500	Max. Tune-up
		Frequency (MHz)			2502.5	2535	2567.5	
5M	CP-OFDM QPSK	1	1	1	21.56	21.65	21.37	22.5

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20M	DFT-s-OFDM P1/2 BPSK	1	1	23.04	23.06	22.89	24
		1	53	22.99	22.94	22.78	24
		1	104	22.95	22.98	22.84	24
		50	0	22.57	22.52	22.36	24
		50	28	22.99	23.01	22.83	24
		50	56	22.41	22.49	22.25	24
		100	0	22.57	22.55	22.39	24
	DFT-s-OFDM QPSK	1	1	23.10	23.15	22.94	24
		1	53	22.95	23.02	22.83	24
		1	104	22.93	22.97	22.74	24
		50	0	22.07	22.10	21.99	24
		50	28	23.04	23.09	22.90	24
		50	56	21.96	22.03	21.82	24
		100	0	22.06	22.05	21.93	23
	DFT-s-OFDM 16QAM	1	1	22.05	22.13	21.89	23
	DFT-s-OFDM 64QAM	1	1	20.78	20.76	20.60	21.5
	DFT-s-OFDM 256QAM	1	1	18.29	18.37	18.13	19.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	23.00	23.02	22.88	24
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	22.95	22.99	22.95	24
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM BPSK	1	1	23.00	23.05	22.98	24

n12 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		141300	141500	141700	
		Frequency (MHz)		706.5	707.5	708.5	
15M	CP-OFDM QPSK	1	1	20.94	21.03	20.99	22.5
BW	MCS Index	Channel		140800	141500	142200	Max. Tune-up
		Frequency (MHz)		704	707.5	711	
10M	CP-OFDM QPSK	1	1	20.90	20.98	20.95	22.5
BW	MCS Index	Channel		140300	141500	142700	Max. Tune-up
		Frequency (MHz)		701.5	707.5	713.5	
5M	CP-OFDM QPSK	1	1	20.93	21.01	20.97	22.5

n12 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		141300	141500	141700		
		Frequency (MHz)		706.5	707.5	708.5		
15M	DFT-s-OFDM Pi/2 BPSK	1	1	22.63	22.67	22.60	24	
		1	39	22.63	22.64	22.56	24	
		1	77	22.58	22.55	22.54	24	
		36	0	22.11	22.07	22.03	24	
		36	19	22.58	22.62	22.60	24	
		36	39	21.98	21.94	21.90	24	
		75	0	22.16	22.19	22.13	24	
		1	1	22.61	22.70	22.58	24	
		1	39	22.65	22.64	22.60	24	
		1	77	22.50	22.56	22.47	24	
		36	0	21.52	21.60	21.53	24	
		36	19	22.61	22.66	22.55	24	
		36	39	21.52	21.56	21.57	24	
		75	0	21.71	21.77	21.70	23	
	DFT-s-OFDM 16QAM	1	1	21.48	21.56	21.47	23	
	DFT-s-OFDM 64QAM	1	1	20.23	20.23	20.23	21.5	
	DFT-s-OFDM 256QAM	1	1	17.72	17.81	17.69	19.5	
	BW	MCS Index	Channel		140800	141500	142200	Max. Tune-up
			Frequency (MHz)		704	707.5	711	
	10M	DFT-s-OFDM QPSK	1	1	22.51	22.58	22.55	24
	BW	MCS Index	Channel		140300	141500	142700	Max. Tune-up
			Frequency (MHz)		701.5	707.5	713.5	
	5M	DFT-s-OFDM QPSK	1	1	22.55	22.59	22.56	24

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size		Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	CP-OFDM QPSK	1	1	21.82	21.88	21.92	22.5
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1900	
30M	CP-OFDM QPSK	1	1	21.83	21.85	21.90	22.5
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	CP-OFDM QPSK	1	1	21.77	21.81	21.85	22.5
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	CP-OFDM QPSK	1	1	21.75	21.79	21.76	22.5
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	CP-OFDM QPSK	1	1	21.72	21.66	21.71	22.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	CP-OFDM QPSK	1	1	21.59	21.76	21.66	22.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	CP-OFDM QPSK	1	1	21.53	21.63	21.60	22.5

n25 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		374000	376500	379000		
		Frequency (MHz)		1870	1882.5	1895		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.25	23.28	23.23	24	
		1	108	23.34	23.38	23.28	24	
		1	214	23.36	23.33	23.23	24	
		108	0	22.79	22.78	22.87	24	
		108	54	23.31	23.22	23.26	24	
		108	108	22.81	22.86	22.87	24	
		216	0	22.85	22.78	22.86	24	
	DFT-s-OFDM QPSK	1	1	23.39	23.41	23.36	24	
		1	108	23.28	23.32	23.35	24	
		1	214	23.38	23.38	23.33	24	
		108	0	22.32	22.34	22.41	24	
		108	54	23.37	23.26	23.33	24	
		108	108	22.34	22.39	22.38	24	
		216	0	22.39	22.33	22.37	23	
	DFT-s-OFDM 16QAM	1	1	22.17	22.19	22.25	23	
	DFT-s-OFDM 64QAM	1	1	20.90	21.00	20.97	21.5	
	DFT-s-OFDM 256QAM	1	1	19.02	19.06	19.06	19.5	
	BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
			Frequency (MHz)		1865	1882.5	1900	
30M	DFT-s-OFDM QPSK	1	1	23.34	23.38	23.31	24	
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up	
		Frequency (MHz)		1862.5	1882.5	1902.5		
25M	DFT-s-OFDM QPSK	1	1	23.25	23.29	23.11	24	
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up	
		Frequency (MHz)		1860	1882.5	1905		
20M	DFT-s-OFDM QPSK	1	1	23.22	23.25	23.31	24	
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up	
		Frequency (MHz)		1857.5	1882.5	1907.5		
15M	DFT-s-OFDM QPSK	1	1	23.09	23.18	23.25	24	
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up	
		Frequency (MHz)		1855	1882.5	1910		
10M	DFT-s-OFDM QPSK	1	1	23.27	23.30	23.30	24	
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up	
		Frequency (MHz)		1852.5	1882.5	1912.5		
5M	DFT-s-OFDM QPSK	1	1	23.21	23.22	23.18	24	

n30 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Mid			Max. Tune-up (dBm)
		Channel		462000			
		Frequency (MHz)		2310			
10M	CP-OFDM QPSK	1	1	21.99			22.5
BW	MCS Index	Channel		461500	462000	462500	Max. Tune-up
		Frequency (MHz)		2307.5	2310	2312.5	
5M	CP-OFDM QPSK	1	1	21.92	21.95	21.97	22.5

n30 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		462000			
		Frequency (MHz)		2310			
10M	DFT-s-OFDM Pi/2 BPSK	1	1	23.37		24	
		1	26	23.35		24	
		1	50	23.31		24	
		25	0	22.81		24	
		25	14	23.35		24	
		25	27	22.86		24	
		50	0	22.89		24	
	DFT-s-OFDM QPSK	1	1	23.40		24	
		1	26	23.38		24	
		1	50	23.36		24	
		25	0	22.33		24	
		25	14	23.36		24	
		25	27	22.40		24	
		50	0	22.43		23	
	DFT-s-OFDM 16QAM	1	1	22.33		23	
	DFT-s-OFDM 64QAM	1	1	21.03		21.5	
	DFT-s-OFDM 256QAM	1	1	18.58		19.5	
	BW	MCS Index	Channel		461500	462000	462500
		Frequency (MHz)		2307.5	2310	2312.5	
5M	DFT-s-OFDM	1	1	23.25	23.27	23.35	24

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518004	519000	519996	
		Frequency (MHz)		2590.02	2595	2599.98	
40M	CP-OFDM QPSK	1	1	21.58	21.41	21.46	22.5
BW	MCS Index	Channel		517002	519000	520998	Max. Tune-up
		Frequency (MHz)		2585.01	2595	2604.99	
30M	CP-OFDM QPSK	1	1	21.52	21.40	21.43	22.5
BW	MCS Index	Channel		516904	519000	521496	Max. Tune-up
		Frequency (MHz)		2582.52	2595	2607.48	
20M	CP-OFDM QPSK	1	1	21.43	21.32	21.37	22.5

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518004	519000	519996	
		Frequency (MHz)		2590.02	2595	2599.98	
40M	DFT-s-OFDM P/2 BPSK	1	1	22.99	22.92	22.90	24
		1	53	22.90	22.79	22.77	24
		1	104	22.91	22.84	22.78	24
		50	0	22.46	22.43	22.40	24
		50	28	22.93	22.80	22.82	24
		50	56	22.33	22.34	22.34	24
		100	0	22.48	22.32	22.31	24
	DFT-s-OFDM QPSK	1	1	23.09	23.05	23.03	24
		1	53	22.99	22.88	22.86	24
		1	104	22.97	22.90	22.87	24
		50	0	21.97	21.96	21.95	24
		50	28	22.93	22.83	22.80	24
		50	56	21.86	21.83	21.81	24
		100	0	21.95	21.84	21.81	23
	DFT-s-OFDM 16QAM	1	1	22.03	21.90	21.91	23
	DFT-s-OFDM 64QAM	1	1	20.80	20.60	20.63	21.5
	DFT-s-OFDM 256QAM	1	1	18.73	18.62	18.66	19.5
BW	MCS Index	Channel		517002	519000	520998	Max. Tune-up
		Frequency (MHz)		2585.01	2595	2604.99	
30M	DFT-s-OFDM QPSK	1	1	23.03	23.07	23.02	24
BW	MCS Index	Channel		516904	519000	521496	Max. Tune-up
		Frequency (MHz)		2582.52	2595	2607.48	
20M	DFT-s-OFDM QPSK	1	1	23.00	23.05	22.97	24

n41 (SCS 30 kHz) Ant1							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100	CP-OFDM QPSK	1	1	21.51	21.55	21.46	22.5
BW	MCS Index	Channel		508200	518598	529996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	CP-OFDM QPSK	1	1	21.48	21.56	21.51	22.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	21.43	21.57	21.56	22.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	CP-OFDM QPSK	1	1	21.39	21.53	21.55	22.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	21.44	21.49	21.48	22.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	21.47	21.58	21.53	22.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	CP-OFDM QPSK	1	1	21.42	21.56	21.51	22.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	21.39	21.61	21.57	22.5

n41 (SCS 30 kHz) Ant1							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM P/2 BPSK	1	1	23.06	22.99	22.92	24
		1	137	22.84	22.74	22.66	24
		1	271	22.76	22.62	22.61	24
		135	0	22.46	22.31	22.27	24
		135	69	22.87	22.80	22.78	24
		135	138	22.34	22.19	22.15	24
		270	0	22.37	22.29	22.23	24
	DFT-s-OFDM QPSK	1	1	23.10	23.08	22.96	24
		1	137	22.99	22.87	22.83	24
		1	271	22.76	22.71	22.62	24
		135	0	21.92	21.89	21.82	24
		135	69	22.91	22.85	22.74	24
		135	138	21.74	21.67	21.68	24
		270	0	21.86	21.81	21.74	23
	DFT-s-OFDM 16QAM	1	1	21.96	21.93	21.84	23
	DFT-s-OFDM 64QAM	1	1	20.69	20.58	20.58	21.5
	DFT-s-OFDM 256QAM	1	1	18.70	18.68	18.56	19.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	23.01	23.05	23.01	24
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	22.98	23.03	22.97	24
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	22.91	22.95	22.93	24
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	23.02	23.09	23.01	24
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.94	23.02	22.97	24
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.07	24
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.94	23.02	22.98	24

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequency (MHz)		3570	3624.99	3679.98	
40M	CP-OFDM QPSK	1	1	22.13	22.15	22.17	22.5
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690	
20M	CP-OFDM QPSK	1	1	22.09	22.09	22.18	22.5
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequency (MHz)		3555	3624.99	3694.98	
10M	CP-OFDM QPSK	1	1	22.13	22.14	22.09	22.5

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequency (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM P/2 BPSK	1	1	23.57	23.65	23.67	24
		1	53	23.41	23.51	23.46	24
		1	104	23.39	23.57	23.48	24
		50	0	23.01	23.11	23.10	24
		50	28	23.35	23.50	23.42	24
		50	56	22.97	23.10	23.08	24
		100	0	22.95	23.12	23.04	24
	DFT-s-OFDM QPSK	1	1	23.63	23.69	23.65	24
		1	53	23.32	23.45	23.38	24
		1	104	23.38	23.53	23.44	24
		50	0	22.46	22.54	22.56	24
		50	28	23.43	23.53	23.48	24
		50	56	22.46	22.63	22.55	24
		100	0	22.41	22.46	22.47	23
	DFT-s-OFDM 16QAM	1	1	22.29	22.39	22.38	23
	DFT-s-OFDM 64QAM	1	1	20.48	20.63	20.55	21.5
	DFT-s-OFDM 256QAM	1	1	18.54	18.67	18.65	19.5
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM QPSK	1	1	23.60	23.62	23.58	24
10M	BW	Channel		637000	641666	646332	Max. Tune-up
	MCS Index	Frequency (MHz)		3555	3624.99	3684.98	
	DFT-s-OFDM QPSK	1	1	23.63	23.65	23.59	24

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	CP-OFDM QPSK	1	1	22.04	21.94	21.93	22.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	CP-OFDM QPSK	1	1	22.00	21.86	21.97	22.5
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	CP-OFDM QPSK	1	1	21.98	21.92	21.92	22.5
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	CP-OFDM QPSK	1	1	21.92	21.94	21.94	22.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	CP-OFDM QPSK	1	1	21.88	21.99	21.83	22.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	CP-OFDM QPSK	1	1	22.08	22.00	21.89	22.5

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.36	23.25	23.30	24
		1	108	23.34	23.26	23.35	24
		1	214	23.42	23.35	23.32	24
		108	0	22.77	22.70	22.75	24
		108	54	23.41	23.32	23.39	24
		108	108	22.96	22.85	22.90	24
		216	0	22.90	22.82	22.91	24
	DFT-s-OFDM QPSK	1	1	23.47	23.35	23.45	24
		1	108	23.43	23.41	23.43	24
		1	214	23.37	23.35	23.45	24
		108	0	22.30	22.28	22.30	24
		108	54	23.44	23.35	23.42	24
		108	108	22.49	22.38	22.43	24
		216	0	22.45	22.37	22.46	23
	DFT-s-OFDM 16QAM	1	1	22.35	22.28	22.25	23
	DFT-s-OFDM 64QAM	1	1	21.04	20.95	21.00	21.5
	DFT-s-OFDM 256QAM	1	1	19.09	18.98	19.05	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM QPSK	1	1	23.42	23.37	23.42	24
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	23.40	23.37	23.46	24
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	23.37	23.32	23.29	24
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	23.33	23.28	23.27	24
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	23.41	23.31	23.33	24

n71 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134100	136100	138100	
		Frequency (MHz)		670.5	680.5	690.5	
15M	CP-OFDM QPSK	1	1	21.52	21.58	21.44	22.5
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up
		Frequency (MHz)		668	680.5	693	
10M	CP-OFDM QPSK	1	1	21.50	21.54	21.41	22.5
BW	MCS Index	Channel		133100	136100	139100	Max. Tune-up
		Frequency (MHz)		665.5	680.5	695.5	
5M	CP-OFDM QPSK	1	1	21.48	21.53	21.39	22.5

n71 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134100	136100	138100	
		Frequency (MHz)		670.5	680.5	690.5	
15M	DFT-s-OFDM Pi/2 BPSK	1	1	23.01	23.07	22.88	24
		1	37	22.96	22.94	22.81	24
		1	74	22.85	22.93	22.72	24
		36	0	22.51	22.52	22.36	24
		36	19	22.90	22.89	22.71	24
		36	39	22.26	22.28	22.14	24
		75	0	22.46	22.49	22.23	24
	DFT-s-OFDM QPSK	1	1	23.06	23.09	22.89	24
		1	37	23.00	22.99	22.83	24
		1	74	22.89	22.87	22.74	24
		36	0	21.97	22.05	21.84	24
		36	19	22.95	22.93	22.80	24
		36	39	21.78	21.86	21.65	24
		75	0	21.95	21.96	21.80	23
	DFT-s-OFDM 16QAM	1	1	22.00	21.99	21.81	23
	DFT-s-OFDM 64QAM	1	1	20.62	20.64	20.50	21.5
	DFT-s-OFDM 256QAM	1	1	18.23	18.26	18.00	19.5
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up
		Frequency (MHz)		668	680.5	693	
10M	DFT-s-OFDM QPSK	1	1	23.00	23.03	22.95	24
BW	MCS Index	Channel		133100	136100	139100	Max. Tune-up
		Frequency (MHz)		665.5	680.5	695.5	
5M	DFT-s-OFDM QPSK	1	1	23.01	22.96	22.92	24

n77 Part27Q (SCS 30 kHz) Ant7							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		633334	634000		
		Frequency (MHz)		3500.01	3510		
100M	CP-OFDM QPSK	1	1	21.79		22.5	
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.61	21.73	21.79	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.62	21.71	21.68	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.58	21.69	21.64	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.55	21.83	21.74	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.59	21.77	21.70	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.57	21.80	21.81	22.5

n77 Part27Q (SCS 30 kHz) Ant7							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		633334	3500.01		
		Frequency (MHz)		3500.01	3510		
100M	DFT-s-OFDM P1/2 BPSK	1	1	23.12		24	
		1	137	22.82		24	
		1	271	22.91		24	
		135	0	22.46		24	
		135	69	22.80		24	
		135	138	22.41		24	
		270	0	22.41		24	
		1	1	23.16		24	
	DFT-s-OFDM QPSK	1	137	22.73		24	
		1	271	22.84		24	
		135	0	22.28		24	
		135	69	22.69		24	
		135	138	22.01		24	
		270	0	21.98		23	
		DFT-s-OFDM 16QAM	1	1	22.17		23
		DFT-s-OFDM 64QAM	1	1	21.08		21.5
		DFT-s-OFDM 256QAM	1	1	19.06		19.5
	BW	MCS Index	Channel		632668	633334	634000
			Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	1	1	23.05	23.07	23.15	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.01	23.07	23.10	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.03	23.15	23.09	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	22.98	23.07	23.10	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.02	23.05	23.11	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.89	23.00	23.05	24

n77 Part27O (SCS 30 kHz) Ant7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	21.48	21.66	21.62	22.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	CP-OFDM QPSK	1	1	21.44	21.62	21.50	22.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	21.42	21.60	21.57	22.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	21.46	21.57	21.53	22.5
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	CP-OFDM QPSK	1	1	21.40	21.59	21.43	22.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	21.38	21.62	21.60	22.5
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	21.46	21.59	21.53	22.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	21.44	21.64	21.55	22.5

n77 Part27O (SCS 30 kHz) Ant7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM P1/2 BPSK	1	1	22.98	23.13	23.13	24
		1	137	23.09	23.26	23.28	24
		1	271	23.07	23.21	23.19	24
		135	0	22.56	22.69	22.79	24
		135	69	23.15	23.28	23.30	24
		135	138	22.57	22.72	22.72	24
		270	0	22.59	22.76	22.78	24
	DFT-s-OFDM QPSK	1	1	23.22	23.30	23.35	24
		1	137	23.19	23.27	23.34	24
		1	271	23.14	23.28	23.26	24
		135	0	22.09	22.27	22.24	24
		135	69	23.16	23.24	23.29	24
		135	138	22.10	22.25	22.25	24
		270	0	22.10	22.27	22.29	23
	DFT-s-OFDM 16QAM	1	1	22.03	22.17	22.15	23
	DFT-s-OFDM 64QAM	1	1	20.74	20.87	20.97	21.5
	DFT-s-OFDM 256QAM	1	1	18.72	18.89	18.91	19.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	DFT-s-OFDM QPSK	1	1	23.17	23.22	23.29	24
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	23.18	23.24	23.28	24
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	23.15	23.22	23.21	24
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	23.10	23.19	23.18	24
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	23.14	23.09	23.30	24
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	23.16	23.11	23.25	24
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	23.08	23.22	23.28	24

n78 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		21.64		22.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	21.55	21.61	21.73	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.52	21.55	21.74	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.53	21.52	21.63	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.52	21.58	21.75	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.57	21.62	21.81	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.52	21.60	21.70	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.49	21.63	21.74	22.5

n78 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.14		24
		1	137		22.94		24
		1	271		22.83		24
		135	0		22.58		24
		135	69		22.96		24
		135	138		22.45		24
		270	0		22.46		24
		1	1		23.27		24
	DFT-s-OFDM QPSK	1	137		23.01		24
		1	271		22.94		24
		135	0		22.13		24
		135	69		22.97		24
		135	138		21.92		24
		270	0		21.95		23
		DFT-s-OFDM 16QAM	1	1	22.17		23
		DFT-s-OFDM 64QAM	1	1	20.91		21.5
		DFT-s-OFDM 256QAM	1	1	18.86		19.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	23.05	23.23	23.25	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.01	23.19	23.17	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.07	23.24	23.26	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.00	23.15	23.14	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	23.03	23.09	23.17	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.09	23.05	23.12	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.99	23.13	23.09	24

SRS Power

n41 (SCS 30 kHz) Ant2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518998	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	CP-OFDM QPSK	1	1	21.50	21.52	21.49	22.5
BW	MCS Index	Channel		509200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.96	
90M	CP-OFDM QPSK	1	1	21.48	21.50	21.44	22.5
BW	MCS Index	Channel		507204	518998	528998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	21.41	21.55	21.51	22.5
BW	MCS Index	Channel		505200	518998	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.96	
60M	CP-OFDM QPSK	1	1	21.40	21.50	21.47	22.5
BW	MCS Index	Channel		504204	518998	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	21.43	21.49	21.46	22.5
BW	MCS Index	Channel		503202	518998	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	21.50	21.57	21.50	22.5
BW	MCS Index	Channel		502200	518998	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.96	
30M	CP-OFDM QPSK	1	1	21.44	21.50	21.53	22.5
BW	MCS Index	Channel		501204	518998	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	21.40	21.60	21.55	22.5

n41 (SCS 30 kHz) Ant2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518998	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM P1/2 BPSK	1	1	23.02	22.97	22.94	24
		1	137	22.89	22.82	22.80	24
		1	271	22.78	22.67	22.65	24
		135	0	22.46	22.40	22.36	24
		135	69	22.85	22.73	22.72	24
		135	138	22.39	22.31	22.29	24
		270	0	22.45	22.38	22.29	24
		1	1	23.07	22.96	22.93	24
	DFT-s-OFDM QPSK	1	137	23.01	22.94	22.91	24
		1	271	22.89	22.76	22.76	24
		135	0	21.90	21.83	21.75	24
		135	69	22.83	22.70	22.76	24
		135	138	21.70	21.62	21.60	24
		270	0	21.85	21.78	21.76	23
		1	1	21.93	21.82	21.80	23
		1	1	20.66	20.60	20.54	21.5
		1	1	18.73	18.65	18.63	19.5
BW	MCS Index	Channel		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.96	
90M	DFT-s-OFDM QPSK	1	1	22.98	23.00	22.96	24
BW	MCS Index	Channel		507204	518998	528998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	23.00	22.99	22.95	24
BW	MCS Index	Channel		505200	518998	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.96	
60M	DFT-s-OFDM QPSK	1	1	22.93	22.93	22.90	24
BW	MCS Index	Channel		504204	518998	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	22.99	23.01	23.00	24
BW	MCS Index	Channel		503202	518998	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.97	23.00	22.99	24
BW	MCS Index	Channel		502200	518998	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.96	
30M	DFT-s-OFDM QPSK	1	1	22.99	23.05	23.02	24
BW	MCS Index	Channel		501204	518998	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.96	22.98	23.00	24

n41 (SCS 30 kHz) Ant3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518998	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100	CP-OFDM QPSK	1	1	21.49	21.51	21.45	22.5
BW	MCS Index	Channel		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.96	
90M	CP-OFDM QPSK	1	1	21.48	21.51	21.46	22.5
BW	MCS Index	Channel		507204	518998	528998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	21.40	21.54	21.53	22.5
BW	MCS Index	Channel		505200	518998	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.96	
60M	CP-OFDM QPSK	1	1	21.40	21.51	21.49	22.5
BW	MCS Index	Channel		504204	518998	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	21.41	21.46	21.48	22.5
BW	MCS Index	Channel		503202	518998	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	21.52	21.56	21.53	22.5
BW	MCS Index	Channel		502200	518998	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.96	
30M	CP-OFDM QPSK	1	1	21.41	21.45	21.47	22.5
BW	MCS Index	Channel		501204	518998	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	21.36	21.52	21.51	22.5

n41 (SCS 30 kHz) Ant3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518998	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM P1/2 BPSK	1	1	23.03	22.99	22.96	24
		1	137	22.88	22.80	22.73	24
		1	271	22.80	22.61	22.57	24
		135	0	22.52	22.39	22.34	24
		135	69	22.86	22.66	22.64	24
		135	138	22.41	22.29	22.21	24
		270	0	22.47	22.38	22.22	24
		1	1	23.06	22.95	22.97	24
	DFT-s-OFDM QPSK	1	137	22.96	22.92	22.83	24
		1	271	22.90	22.68	22.72	24
		135	0	21.87	21.81	21.67	24
		135	69	22.86	22.69	22.75	24
		135	138	21.71	21.59	21.54	24
		270	0	21.80	21.76	21.69	23
		1	1	21.90	21.76	21.72	23
		1	1	20.69	20.59	20.52	21.5
		1	1	18.71	18.65	18.55	19.5
BW	MCS Index	Channel		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.96	
90M	DFT-s-OFDM QPSK	1	1	22.99	23.02	22.91	24
BW	MCS Index	Channel		507204	518998	528998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	23.01	22.95	22.93	24
BW	MCS Index	Channel		505200	518998	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.96	
60M	DFT-s-OFDM QPSK	1	1	22.93	22.91	22.90	24
BW	MCS Index	Channel		504204	518998	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	22.94	23.00	23.00	24
BW	MCS Index	Channel		503202	518998	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.92	22.95	22.91	24
BW	MCS Index	Channel		502200	518998	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.96	
30M	DFT-s-OFDM QPSK	1	1	22.90	23.01	23.03	24
BW	MCS Index	Channel		501204	518998	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.92	22.91	23.00	24

n41 (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518998	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100	CP-OFDM QPSK	1	1	21.48	21.53	21.47	22.5
BW	MCS Index	Channel <td>508200</td> <td>518998</td> <td>528996</td> <td>Max. Tune-up</td>		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.96	
90M	CP-OFDM QPSK	1	1	21.49	21.50	21.48	22.5
BW	MCS Index	Channel <td>507204</td> <td>518998</td> <td>528998</td> <td>Max. Tune-up</td>		507204	518998	528998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	21.50	21.51	21.50	22.5
BW	MCS Index	Channel <td>506208</td> <td>518998</td> <td>529996</td> <td>Max. Tune-up</td>		506208	518998	529996	Max. Tune-up
		Frequency (MHz)		2530	2592.99	2659.99	
60M	CP-OFDM QPSK	1	1	21.47	21.50	21.49	22.5
BW	MCS Index	Channel <td>504208</td> <td>518998</td> <td>530996</td> <td>Max. Tune-up</td>		504208	518998	530996	Max. Tune-up
		Frequency (MHz)		2523.02	2592.99	2664.96	
50M	CP-OFDM QPSK	1	1	21.45	21.41	21.46	22.5
BW	MCS Index	Channel <td>502202</td> <td>518998</td> <td>534000</td> <td>Max. Tune-up</td>		502202	518998	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	21.55	21.52	21.50	22.5
BW	MCS Index	Channel <td>500200</td> <td>518998</td> <td>536996</td> <td>Max. Tune-up</td>		500200	518998	536996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.96	
30M	CP-OFDM QPSK	1	1	21.47	21.43	21.42	22.5
BW	MCS Index	Channel <td>501204</td> <td>518998</td> <td>535998</td> <td>Max. Tune-up</td>		501204	518998	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	21.40	21.54	21.50	22.5

n77 Part27Q (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)
		Channel				633334	
		Frequency (MHz)				3500.01	
100M	CP-OFDM QPSK	1	1			21.77	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.61	21.73	21.79	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.62	21.71	21.68	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.58	21.69	21.64	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.55	21.83	21.74	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.59	21.77	21.70	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.57	21.80	21.81	22.5

n77 Part27Q (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)
		Channel				633334	
		Frequency (MHz)				3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1			23.11	24
		1	137			22.75	24
		1	271			22.88	24
		135	0			22.44	24
		135	69			22.74	24
		135	138			22.39	24
		270	0			22.33	24
		1	1			23.14	24
		1	137			22.65	24
		1	271			22.81	24
	DFT-s-OFDM QPSK	135	0			22.26	24
		135	69			22.63	24
		135	138			22.00	24
		270	0			21.93	23
		1	1			22.16	23
		1	1			21.03	21.5
		1	1			18.98	19.5
		Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.04	23.06	23.17	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.00	23.07	23.10	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.05	23.14	23.07	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	22.99	23.05	23.13	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.01	23.04	23.10	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.90	23.03	23.05	24

n77 Part27O (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	21.46	21.60	21.55	22.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	CP-OFDM QPSK	1	1	21.49	21.62	21.50	22.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	21.47	21.58	21.56	22.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	21.44	21.56	21.52	22.5
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	CP-OFDM QPSK	1	1	21.45	21.58	21.45	22.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	21.39	21.58	21.10	22.5
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	21.49	21.53	21.54	22.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	21.49	21.61	21.56	22.5

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n77 Part27O (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.99	23.10	23.15	24
		1	137	23.09	23.16	23.26	24
		1	271	23.02	23.17	23.23	24
		135	0	22.71	22.79	22.89	24
		135	69	23.07	23.21	23.28	24
		135	138	22.52	22.60	22.70	24
		270	0	22.50	22.67	22.74	24
	DFT-s-OFDM QPSK	1	1	23.11	23.20	23.33	24
		1	137	23.12	23.19	23.30	24
		1	271	23.03	23.17	23.24	24
		135	0	21.98	22.11	22.21	24
		135	69	22.99	23.13	23.20	24
		135	138	22.03	22.10	22.21	24
		270	0	22.09	22.19	22.26	23
		1	1	21.93	22.01	22.14	23
		1	1	20.77	20.87	20.94	21.5
		1	1	18.78	18.86	18.99	19.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	DFT-s-OFDM QPSK	1	1	23.16	23.20	23.25	24
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	23.22	23.26	23.27	24
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	23.17	23.20	23.23	24
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	23.18	23.14	23.19	24
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	23.15	23.15	23.18	24
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	23.18	23.19	23.24	24
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	23.11	23.18	23.23	24

n77 Part27Q (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)
		Channel				633334	
		Frequency (MHz)				3500.01	
100M	CP-OFDM QPSK	1	1			21.76	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.65	21.72	21.75	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.65	21.70	21.65	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.55	21.67	21.65	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.59	21.81	21.73	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.66	21.71	21.73	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.63	21.76	21.77	22.5

n77 Part27Q (SCS 30 kHz) Ant5								
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)	
		Channel				633334		
		Frequency (MHz)				3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1			23.05	24	
		1	137			22.69	24	
		1	271			22.86	24	
		135	0			22.39	24	
		135	69			22.72	24	
		135	138			22.38	24	
		270	0			22.28	24	
	DFT-s-OFDM QPSK	1	1			23.13	24	
		1	137			22.60	24	
		1	271			22.79	24	
		135	0			22.21	24	
		135	69			22.61	24	
		135	138			21.99	24	
		270	0			21.89	23	
	DFT-s-OFDM 16QAM	1	1			22.14	23	
	DFT-s-OFDM 64QAM	1	1			20.98	21.5	
	DFT-s-OFDM 256QAM	1	1			18.96	19.5	
	BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
			Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.03	23.09	23.12	24	
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99		
60M	DFT-s-OFDM QPSK	1	1	23.02	23.10	23.13	24	
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3524.97		
50M	DFT-s-OFDM QPSK	1	1	23.03	23.17	23.12	24	
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98		
40M	DFT-s-OFDM QPSK	1	1	23.00	23.09	23.09	24	
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up	
		Frequency (MHz)		3465.03	3500.01	3534.96		
30M	DFT-s-OFDM QPSK	1	1	23.03	23.01	23.09	24	
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540		
20M	DFT-s-OFDM QPSK	1	1	22.98	23.05	23.07	24	

n77 Part27O (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	21.45	21.58	21.59	22.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	CP-OFDM QPSK	1	1	21.42	21.60	21.53	22.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	21.48	21.54	21.53	22.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	21.48	21.53	21.56	22.5
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	CP-OFDM QPSK	1	1	21.46	21.51	21.47	22.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	21.41	21.51	21.30	22.5
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	21.44	21.52	21.33	22.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	21.44	21.54	21.50	22.5

n77 Part27O (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.95	23.04	23.13	24
		1	137	23.05	23.14	23.28	24
		1	271	23.05	23.12	23.25	24
		135	0	22.62	22.64	22.81	24
		135	69	22.99	23.09	23.22	24
		135	138	22.50	22.58	22.73	24
		270	0	22.51	22.54	22.70	24
	DFT-s-OFDM QPSK	1	1	23.08	23.14	23.31	24
		1	137	23.05	23.08	23.25	24
		1	271	22.98	23.08	23.21	24
		135	0	22.09	22.12	22.29	24
		135	69	22.99	23.12	23.25	24
		135	138	22.01	22.10	22.25	24
		270	0	22.00	22.10	22.20	23
	DFT-s-OFDM 16QAM	1	1	21.92	22.01	22.15	23
	DFT-s-OFDM 64QAM	1	1	20.74	20.80	20.94	21.5
	DFT-s-OFDM 256QAM	1	1	18.72	18.78	18.92	19.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	DFT-s-OFDM QPSK	1	1	23.16	23.30	23.21	24
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	23.20	23.22	23.26	24
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	23.18	23.21	23.20	24
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	23.14	23.16	23.12	24
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	23.11	23.16	23.15	24
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	23.19	23.22	23.27	24
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	23.21	23.26	23.25	24

n77 Part27Q (SCS 30 kHz) Ant6							
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)
		Channel				633334	
		Frequency (MHz)				3500.01	
100M	CP-OFDM QPSK	1	1			21.78	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.61	21.76	21.74	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.61	21.69	21.67	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.59	21.68	21.61	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.54	21.77	21.71	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.68	21.66	21.75	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.60	21.75	21.71	22.5

n77 Part27Q (SCS 30 kHz) Ant6								
BW	MCS Index	RB Size	RB Offset			Mid	Max. Tune-up (dBm)	
		Channel				633334		
		Frequency (MHz)				3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1			23.02	24	
		1	137			22.67	24	
		1	271			22.80	24	
		135	0			22.38	24	
		135	69			22.65	24	
		135	138			22.35	24	
		270	0			22.26	24	
		DFT-s-OFDM QPSK	1	1			23.07	24
	1		137			22.58	24	
	1		271			22.71	24	
	135		0			22.19	24	
	135		69			22.53	24	
	135		138			21.96	24	
	270		0			21.87	23	
	DFT-s-OFDM 16QAM	1	1			22.08	23	
	DFT-s-OFDM 64QAM	1	1			20.97	21.5	
	DFT-s-OFDM 256QAM	1	1			18.91	19.5	
	BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
			Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.01	23.02	23.07	24	
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99		
60M	DFT-s-OFDM QPSK	1	1	23.05	23.09	23.15	24	
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3524.97		
50M	DFT-s-OFDM QPSK	1	1	23.01	23.11	23.13	24	
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98		
40M	DFT-s-OFDM QPSK	1	1	23.05	23.10	23.01	24	
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up	
		Frequency (MHz)		3465.03	3500.01	3534.96		
30M	DFT-s-OFDM QPSK	1	1	23.01	23.06	23.05	24	
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540		
20M	DFT-s-OFDM QPSK	1	1	22.95	23.01	23.03	24	

n77 Part27O (SCS 30 kHz) Ant6							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	21.42	21.51	21.53	22.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	CP-OFDM QPSK	1	1	21.48	21.62	21.52	22.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	21.44	21.53	21.55	22.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	21.49	21.51	21.54	22.5
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	CP-OFDM QPSK	1	1	21.44	21.52	21.43	22.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	21.46	21.50	21.39	22.5
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	21.45	21.51	21.36	22.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	21.42	21.48	21.52	22.5

n77 Part27O (SCS 30 kHz) Ant6							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.96	23.01	23.11	24
		1	137	23.06	23.10	23.25	24
		1	271	23.04	23.03	23.21	24
		135	0	22.49	22.56	22.72	24
		135	69	23.08	23.17	23.29	24
		135	138	22.56	22.63	22.78	24
		270	0	22.74	22.78	22.90	24
	DFT-s-OFDM QPSK	1	1	23.15	23.23	23.34	24
		1	137	23.02	23.07	23.22	24
		1	271	23.11	23.12	23.27	24
		135	0	22.02	22.11	22.22	24
		135	69	23.16	23.18	23.33	24
		135	138	22.01	22.09	22.21	24
		270	0	22.73	22.75	22.90	23
	DFT-s-OFDM 16QAM	1	1	22.02	22.13	22.25	23
	DFT-s-OFDM 64QAM	1	1	20.78	20.81	20.99	21.5
	DFT-s-OFDM 256QAM	1	1	18.78	18.79	18.95	19.5
BW	MCS Index	Channel		649668	656000	662328	Max. Tune-up
		Frequency (MHz)		3745.02	3840	3934.92	
90M	DFT-s-OFDM QPSK	1	1	23.17	23.25	23.23	24
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	23.19	23.23	23.26	24
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	23.15	23.23	23.20	24
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	23.16	23.11	23.15	24
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	23.14	23.19	23.22	24
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	23.20	23.21	23.27	24
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	23.28	23.21	23.24	24

n78 Part27Q (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size		RB Offset	Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		21.62		22.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	21.56	21.60	21.74	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.55	21.56	21.72	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.51	21.50	21.60	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.54	21.59	21.74	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.51	21.61	21.77	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.59	21.65	21.50	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.55	21.67	21.73	22.5

n78 Part27Q (SCS 30 kHz) Ant4							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		633334 3500.01			
		Frequency (MHz)					
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.06	24	
		1	137		22.89	24	
		1	271		22.82	24	
		135	0		22.53	24	
		135	69		22.94	24	
		135	138		22.40	24	
		270	0		22.44	24	
	DFT-s-OFDM QPSK	1	1		23.24	24	
		1	137		22.95	24	
		1	271		22.92	24	
		135	0		22.08	24	
		135	69		22.90	24	
		135	138		21.87	24	
		270	0		21.93	23	
	DFT-s-OFDM 16QAM	1	1		22.16	23	
	DFT-s-OFDM 64QAM	1	1		20.86	21.5	
	DFT-s-OFDM 256QAM	1	1		18.85	19.5	
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	23.09	23.21	23.23	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.02	23.07	23.15	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.08	23.21	23.22	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.05	23.16	23.11	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	23.06	23.10	23.15	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.10	23.07	23.10	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	23.02	23.19	23.05	24

n78 Part27Q (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		633334			
		Frequency (MHz)		3500.01			
100M	CP-OFDM QPSK	1	1		21.60		22.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	21.59	21.57	21.71	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.65	21.59	21.70	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.58	21.60	21.63	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.58	21.66	21.71	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.58	21.64	21.72	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.58	21.61	21.50	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.57	21.64	21.79	22.5

n78 Part27Q (SCS 30 kHz) Ant5							
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)	
		Channel		633334			
		Frequency (MHz)		3500.01			
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.03		24	
		1	137	22.87		24	
		1	271	22.76		24	
		135	0	22.52		24	
		135	69	22.87		24	
		135	138	22.37		24	
		270	0	22.42		24	
	DFT-s-OFDM QPSK	1	1	23.20		24	
		1	137	22.93		24	
		1	271	22.84		24	
		135	0	22.06		24	
		135	69	22.82		24	
		135	138	21.84		24	
		270	0	21.91		23	
	DFT-s-OFDM 16QAM	1	1	22.10		23	
	DFT-s-OFDM 64QAM	1	1	20.85		21.5	
	DFT-s-OFDM 256QAM	1	1	18.80		19.5	
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	23.10	23.23	23.18	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.12	23.06	23.14	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.18	23.15	23.20	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.09	23.08	23.16	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	23.18	23.13	23.11	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.10	23.05	23.14	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	23.08	23.14	23.16	24

n78 Part27Q (SCS 30 kHz) Ant6							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		21.10		22.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	21.51	21.52	21.69	22.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	21.60	21.51	21.71	22.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	21.52	21.53	21.50	22.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	21.51	21.64	21.66	22.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	21.52	21.57	21.63	22.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	21.55	21.61	21.63	22.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	21.54	21.60	21.62	22.5

n78 Part27Q (SCS 30 kHz) Ant6							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.06		24
		1	137		22.89		24
		1	271		22.77		24
		135	0		22.59		24
		135	69		22.88		24
		135	138		22.40		24
		270	0		22.44		24
		1	1		23.21		24
	DFT-s-OFDM QPSK	1	137		22.94		24
		1	271		22.89		24
		135	0		22.07		24
		135	69		22.87		24
		135	138		21.87		24
		270	0		21.93		23
		DFT-s-OFDM 16QAM	1	1	22.11		23
		DFT-s-OFDM 64QAM	1	1	20.92		21.5
		DFT-s-OFDM 256QAM	1	1	18.88		19.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	23.08	23.21	23.15	24
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	23.11	23.02	23.12	24
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	23.15	23.11	23.18	24
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	23.12	23.14	23.16	24
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	23.20	23.15	23.17	24
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	23.12	23.09	23.12	24
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	23.12	23.16	23.18	24

WLAN Full Power

2.4GHz WLAN	Ant 8				
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	15.10	15.50
		6	2437	14.65	15.50
		11	2462	14.74	15.50
	802.11g 6Mbps	1	2412	12.83	14.00
		6	2437	12.98	14.00
		11	2462	12.95	14.00
	802.11n-HT20 MCS0	1	2412	10.82	12.00
		6	2437	10.78	12.00
		11	2462	10.73	12.00
	802.11n-HT40 MCS0	3	2422	10.69	12.00
		6	2437	10.85	12.00
		9	2452	10.69	12.00
	802.11ax-HE20 MCS0	1	2412	9.22	10.50
		6	2437	8.92	10.50
		11	2462	9.50	10.50
	802.11ax-HE40 MCS0	3	2422	9.11	10.50
		6	2437	8.91	10.50
		9	2452	8.94	10.50

2.4GHz WLAN	Ant 9				
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	15.07	15.50
		6	2437	15.00	15.50
		11	2462	15.08	15.50
	802.11g 6Mbps	1	2412	13.28	14.00
		6	2437	13.32	14.00
		11	2462	13.27	14.00
	802.11n-HT20 MCS0	1	2412	11.20	12.00
		6	2437	11.14	12.00
		11	2462	11.21	12.00
	802.11n-HT40 MCS0	3	2422	11.33	12.00
		6	2437	11.42	12.00
		9	2452	11.39	12.00
	802.11ax-HE20 MCS0	1	2412	9.24	10.50
		6	2437	9.29	10.50
		11	2462	9.18	10.50
	802.11ax-HE40 MCS0	3	2422	8.91	10.50
		6	2437	8.92	10.50
		9	2452	8.94	10.50

2.4GHz WLAN	Ant 8+9				
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	18.30	19.00
		6	2437	18.04	19.00
		11	2462	18.13	19.00
	802.11g 6Mbps	1	2412	16.32	17.00
		6	2437	16.41	17.00
		11	2462	16.37	17.00
	802.11n-HT20 MCS0	1	2412	14.26	15.00
		6	2437	14.21	15.00
		11	2462	14.22	15.00
	802.11n-HT40 MCS0	3	2422	14.28	15.00
		6	2437	14.40	15.00
		9	2452	14.31	15.00
	802.11ax-HE20 MCS0	1	2412	12.55	13.00
		6	2437	12.42	13.00
		11	2462	12.43	13.00
	802.11ax-HE40 MCS0	3	2422	12.33	13.00
		6	2437	12.23	13.00
		9	2452	12.26	13.00

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK	DQPSK	8DPSK
BR / EDR	CH 00	2402	5.69	2.90	2.84
	CH 39	2441	6.16	3.47	3.40
	CH 78	2480	5.28	2.56	2.53
Tune-up Limit			7	4	4

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	S2	S8
LE	CH 00	2402	8.71	8.90	8.49	8.49
	CH 19	2440	9.12	9.28	9.05	9.35
Tune-up Limit			10	10	10	10

5.2GHz WLAN	Ant 8				
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180	13.70	14.00
		40	5200	13.80	14.00
		44	5220	13.65	14.00
		48	5240	13.56	14.00
	802.11n-HT20 MCS0	36	5180	11.35	12.00
		40	5200	11.46	12.00
		44	5220	11.33	12.00
		48	5240	11.30	12.00
	802.11n-HT40 MCS0	38	5190	11.54	12.00
		46	5230	11.66	12.00
	802.11ac-VHT20 MCS0	36	5180	10.24	11.00
		40	5200	10.29	11.00
		44	5220	10.20	11.00
		48	5240	10.16	11.00
	802.11ac-VHT40 MCS0	38	5190	10.38	11.00
		46	5230	10.34	11.00
	802.11ac-VHT80 MCS0	42	5210	9.13	10.00
		36	5180	9.43	10.00
	802.11ax-HE20 MCS0	40	5200	9.34	10.00
		44	5220	9.08	10.00
		48	5240	9.02	10.00
		38	5190	9.40	10.00
	802.11ax-HE40 MCS0	46	5230	8.82	10.00
		42	5210	9.02	10.00

5.2GHz WLAN	Ant 9				
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180	12.85	13.00
		40	5200	12.94	13.00
		44	5220	12.63	13.00
		48	5240	12.49	13.00
	802.11n-HT20 MCS0	36	5180	10.75	11.00
		40	5200	10.79	11.00
		44	5220	10.33	11.00
		48	5240	9.94	11.00
	802.11n-HT40 MCS0	38	5190	10.94	11.00
		46	5230	10.09	11.00
	802.11ac-VHT20 MCS0	36	5180	9.29	10.00
		40	5200	9.42	10.00
		44	5220	9.11	10.00
		48	5240	8.98	10.00
	802.11ac-VHT40 MCS0	38	5190	9.52	10.00
		46	5230	9.37	10.00
	802.11ac-VHT80 MCS0	42	5210	8.61	9.50
		40	5200	8.39	9.50
	802.11ax-HE20 MCS0	44	5220	8.16	9.50
		48	5240	7.99	9.50
		38	5190	8.23	9.50
		46	5230	8.20	9.50
	802.11ax-HE80 MCS0	42	5210	8.38	9.50

5.2GHz WLAN	Ant 8+9				
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180	16.38	16.50
		40	5200	16.47	16.50
		44	5220	16.32	16.50
		48	5240	16.14	16.50
	802.11n-HT20 MCS0	36	5180	14.24	15.00
		40	5200	14.32	15.00
		44	5220	14.02	15.00
		48	5240	13.86	15.00
	802.11n-HT40 MCS0	38	5190	14.46	15.00
		46	5230	14.16	15.00
	802.11ac-VHT20 MCS0	36	5180	12.97	14.00
		40	5200	13.05	14.00
		44	5220	12.85	14.00
		48	5240	12.79	14.00
	802.11ac-VHT40 MCS0	38	5190	13.18	14.00
		46	5230	13.09	14.00
	802.11ac-VHT80 MCS0	42	5210	12.08	13.00
		36	5180	12.10	13.00
	802.11ax-HE20 MCS0	40	5200	12.10	13.00
		44	5220	12.00	13.00
		48	5240	11.75	13.00
		38	5190	12.11	13.00
	802.11ax-HE40 MCS0	46	5230	11.73	13.00
		42	5210	11.92	13.00

5.3GHz WLAN	Ant 8				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	52	5260	13.58	14.00
		56	5280	13.55	14.00
		60	5300	13.50	14.00
		64	5320	13.52	14.00
	802.11n-HT20 MCS0	52	5260	11.28	12.00
		56	5280	11.35	12.00
		60	5300	11.37	12.00
		64	5320	11.39	12.00
	802.11n-HT40 MCS0	54	5270	11.33	12.00
		62	5310	11.53	12.00
	802.11ac-VHT20 MCS0	52	5260	10.22	11.00
		56	5280	10.26	11.00
		60	5300	10.28	11.00
		64	5320	10.24	11.00
	802.11ac-VHT40 MCS0	54	5270	10.31	11.00
		62	5310	10.35	11.00
	802.11ac-VHT80 MCS0	58	5290	9.10	10.00
		52	5260	8.89	10.00
	802.11ax-HE20 MCS0	56	5280	9.00	10.00
		60	5300	9.15	10.00
		64	5320	9.23	10.00
		54	5270	8.72	10.00
	802.11ax-HE40 MCS0	62	5310	9.21	10.00
		58	5290	9.10	10.00

5.3GHz WLAN	Ant 9				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	52	5260	12.47	13.00
		56	5280	12.58	13.00
		60	5300	12.70	13.00
		64	5320	12.71	13.00
	802.11n-HT20 MCS0	52	5260	9.72	11.00
		56	5280	9.75	11.00
		60	5300	9.79	11.00
		64	5320	9.76	11.00
	802.11n-HT40 MCS0	54	5270	9.91	11.00
		62	5310	9.95	11.00
	802.11ac-VHT20 MCS0	52	5260	8.92	10.00
		56	5280	8.93	10.00
		60	5300	8.95	10.00
		64	5320	8.92	10.00
	802.11ac-VHT40 MCS0	54	5270	9.06	10.00
		62	5310	8.97	10.00
	802.11ac-VHT80 MCS0	58	5290	8.33	9.50
		52	5260	7.95	9.50
	802.11ax-HE20 MCS0	56	5280	7.97	9.50
		60	5300	8.01	9.50
		64	5320	8.02	9.50
		54	5270	7.91	9.50
	802.11ax-HE40 MCS0	62	5310	7.96	9.50
		58	5290	8.19	9.50

5.3GHz WLAN	Ant 8+9				
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	56	5280	16.18	16.50
		60	5300	16.20	16.50
		64	5320	16.22	16.50
	802.11n-HT20 MCS0	52	5260	13.75	15.00
		56	5280	13.78	15.00
		60	5300	13.84	15.00
		64	5320	13.84	15.00
	802.11n-HT40 MCS0	54	5270	13.89	15.00
		62	5310	14.02	15.00
	802.11ac-VHT20 MCS0	52	5260	12.80	14.00
		56	5280	12.83	14.00
		60	5300	12.85	14.00
		64	5320	12.81	14.00
	802.11ac-VHT40 MCS0	54	5270	12.94	14.00
		58	5290	11.94	13.00
	802.11ac-VHT80 MCS0	52	5260	11.65	13.00
		56	5280	11.71	13.00
	802.11ax-HE20 MCS0	60	5300	11.83	13.00
		64	5320	11.88	13.00
		54	5270	11.54	13.00
	802.11ax-HE40 MCS0	62	5310	11.84	13.00
		58	5290	11.88	13.00

5.6GHz WLAN	Ant 8				
5.6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500	13.22	13.50
		116	5580	13.09	13.50
		124	5620	13.28	14.00
		132	5660	13.56	14.50
		140	5700	13.97	14.50
		144	5720	13.89	14.50
	802.11n-HT20 MCS0	100	5500	10.88	12.00
		116	5580	10.64	12.00
		124	5620	11.02	12.00
		132	5660	11.15	12.00
		140	5700	11.69	12.00
		144	5720	11.71	12.00
	802.11n-HT40 MCS0	102	5510	10.91	12.00
		110	5550	10.89	12.00
		126	5630	11.10	12.00
		134	5670	11.44	12.00
		142	5710	11.92	12.00
	802.11ac-VHT20 MCS0	100	5500	9.94	10.50
		116	5580	9.76	10.50
		124	5620	10.08	10.50
		132	5660	10.19	10.50
		140	5700	10.24	10.50
		144	5720	9.92	10.50
	802.11ac-VHT40 MCS0	102	5510	9.90	10.50
		110	5550	9.85	10.50
		126	5630	9.80	10.50
		134	5670	9.75	10.50
		142	5710	10.22	10.50
	802.11ac-VHT80 MCS0	106	5530	8.88	10.00
		122	5610	8.91	10.00
		138	5690	8.93	10.00
	802.11ax-HE20 MCS0	100	5500	8.34	10.00
		116	5580	8.38	10.00
		124	5620	8.50	10.00
		132	5660	8.80	10.00
		140	5700	9.16	10.00
		144	5720	9.11	10.00
	802.11ax-HE40 MCS0	102	5510	8.14	10.00
		110	5550	8.10	10.00
		126	5630	8.30	10.00
		134	5670	8.54	10.00
		142	5710	8.99	10.00
	802.11ax-HE80 MCS0	106	5530	8.56	10.00
		122	5610	8.44	10.00
		138	5690	8.80	10.00

5.6GHz WLAN	Ant 9				
5.6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500	11.88	12.50
		116	5580	12.08	12.50
		124	5620	11.85	12.50
		132	5660	11.81	12.50
		140	5700	11.85	12.50
		144	5720	11.78	12.50
	802.11n-HT20 MCS0	100	5500	9.81	10.00
		116	5580	9.84	10.00
		124	5620	9.55	10.00
		132	5660	9.39	10.00
		140	5700	9.35	10.00
		144	5720	9.27	10.00
	802.11n-HT40 MCS0	102	5510	9.04	10.00
		110	5550	8.88	10.00
		126	5630	9.87	10.00
		134	5670	10.55	11.00
		142	5710	9.56	10.00
	802.11ac-VHT20 MCS0	100	5500	8.03	9.00
		116	5580	8.32	9.00
		124	5620	7.99	9.00
		132	5660	7.83	9.00
		140	5700	7.70	9.00
		144	5720	7.62	9.00
	802.11ac-VHT40 MCS0	102	5510	8.17	9.00
		110	5550	8.10	9.00
		126	5630	8.55	9.00
		134	5670	8.78	9.00
		142	5710	7.81	9.00
	802.11ac-VHT80 MCS0	106	5530	7.48	8.00
		122	5610	7.71	8.00
		138	5690	7.17	8.00
	802.11ax-HE20 MCS0	100	5500	7.07	8.00
		116	5580	7.33	8.00
		124	5620	6.99	8.00
		132	5660	6.85	8.00
		140	5700	6.77	8.00
		144	5720	6.63	8.00
	802.11ax-HE40 MCS0	102	5510	6.95	8.00
		110	5550	7.61	8.00
		126	5630	7.00	8.00
		134	5670	7.32	8.00
		142	5710	6.73	8.00
	802.11ax-HE80 MCS0	106	5530	7.23	8.00
		122	5610	7.57	8.00
		138	5690	7.11	8.00

5.6GHz WLAN	Ant 8+9				
5.6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500	15.69	16.50
		116	5580	15.70	16.50
		124	5620	15.95	16.50
		132	5660	15.99	16.50
		140	5700	16.12	16.50
		144	5720	16.05	16.50
	802.11n-HT20 MCS0	100	5500	13.56	14.00
		116	5580	13.44	14.00
		124	5620	13.47	14.00
		132	5660	13.66	14.00
		140	5700	13.86	14.00
		144	5720	13.85	14.00
	802.11n-HT40 MCS0	102	5510	13.29	14.50
		110	5550	13.21	14.50
		126	5630	13.45	14.50
		134	5670	14.23	14.50
		142	5710	14.11	14.50
	802.11ac-VHT20 MCS0	100	5500	12.27	13.00
		116	5580	12.28	13.00
		124	5620	12.30	13.00
		132	5660	12.19	13.00
		140	5700	12.34	13.00
		144	5720	12.11	13.00
	802.11ac-VHT40 MCS0	102	5510	12.33	13.00
		110	5550	12.28	13.00
		126	5630	12.30	13.00
		134	5670	12.50	13.00
		142	5710	12.39	13.00
	802.11ac-VHT80 MCS0	106	5530	11.44	12.00
		122	5610	11.56	12.00
		138	5690	11.35	12.00
	802.11ax-HE20 MCS0	100	5500	10.96	12.00
		116	5580	11.10	12.00
		124	5620	11.15	12.00
		132	5660	11.19	12.00
		140	5700	11.34	12.00
		144	5720	11.26	12.00
	802.11ax-HE40 MCS0	102	5510	10.84	12.00
		110	5550	10.77	12.00
		126	5630	11.00	12.00
		134	5670	11.31	12.00
		142	5710	11.22	12.00
	802.11ax-HE80 MCS0	106	5530	11.15	12.00
		122	5610	11.24	12.00
		138	5690	11.36	12.00

5.8GHz WLAN	Ant 8				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	149	5745	13.34	14.00
		157	5785	13.61	14.00
		165	5825	13.31	14.00
	802.11n-HT20 MCS0	149	5745	11.67	12.00
		157	5785	11.91	12.00
		165	5825	11.63	12.00
	802.11n-HT40 MCS0	151	5755	11.91	12.00
		159	5795	11.55	12.00
	802.11ac-VHT20 MCS0	149	5745	10.38	11.00
		157	5785	10.53	11.00
		165	5825	10.49	11.00
	802.11ac-VHT40 MCS0	151	5755	10.36	11.00
		159	5795	10.04	11.00
	802.11ac-VHT80 MCS0	155	5775	8.89	10.00
	802.11ax-HE20 MCS0	149	5745	9.10	10.00
		157	5785	9.09	10.00
		165	5825	9.31	10.00
	802.11ax-HE40 MCS0	151	5755	8.88	10.00
		159	5795	9.23	10.00
	802.11ax-HE80 MCS0	155	5775	8.91	10.00

5.8GHz WLAN	Ant 9				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	149	5745	11.06	12.50
		157	5785	11.77	12.50
		165	5825	12.00	12.50
	802.11n-HT20 MCS0	149	5745	9.15	10.50
		157	5785	9.94	10.50
		165	5825	10.17	10.50
	802.11n-HT40 MCS0	151	5755	9.94	10.50
		159	5795	10.47	10.50
	802.11ac-VHT20 MCS0	149	5745	7.97	9.50
		157	5785	8.78	9.50
		165	5825	9.03	9.50
	802.11ac-VHT40 MCS0	151	5755	8.26	9.00
		159	5795	8.66	9.00
	802.11ac-VHT80 MCS0	155	5775	7.15	8.00
	802.11ax-HE20 MCS0	149	5745	6.51	8.00
		157	5785	7.11	8.00
		165	5825	7.41	8.00
	802.11ax-HE40 MCS0	151	5755	7.11	9.00
		159	5795	8.02	9.00
	802.11ax-HE80 MCS0	155	5775	7.22	8.00

5.8GHz WLAN	Ant 8+9				
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	149	5745	15.56	16.50
		157	5785	16.00	16.50
		165	5825	15.91	16.50
	802.11n-HT20 MCS0	149	5745	13.81	14.50
		157	5785	14.26	14.50
		165	5825	14.18	14.50
	802.11n-HT40 MCS0	151	5755	14.25	14.50
		159	5795	14.25	14.50
	802.11ac-VHT20 MCS0	149	5745	12.55	13.50
		157	5785	12.96	13.50
		165	5825	13.03	13.50
	802.11ac-VHT40 MCS0	151	5755	12.65	13.50
		159	5795	12.61	13.50
	802.11ac-VHT80 MCS0	155	5775	11.32	12.00
	802.11ax-HE20 MCS0	149	5745	11.21	12.00
		157	5785	11.42	12.00
		165	5825	11.67	12.00
	802.11ax-HE40 MCS0	151	5755	11.29	12.00
		159	5795	11.88	12.00
	802.11ax-HE80 MCS0	155	5775	11.36	12.00

WWAN Reduce Power 1

LTE Band 2 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max	SCPP	Max
		Channel	Frequency (MHz)	1880	1890	1900	MPI	Turn-up (dBm)		
QPSK	15QAM	1	0	20.50	20.58	20.56	0	21.5		
		1	50	20.53	20.43	20.49	0	21.5		
		1	99	20.50	20.36	20.34	0	21.5		
		50	0	19.65	19.36	19.61	1	20.5		
		50	25	19.70	19.61	19.62	1	20.5		
		50	50	19.59	19.53	19.58	1	20.5		
		100	0	19.66	19.61	19.54	1	20.5		
		1	0	19.73	19.68	19.69	1	20.5		
		1	50	19.66	19.59	19.62	1	20.5		
		1	99	19.45	19.42	19.46	2	19.5		
QPSK	15QAM	50	0	19.59	19.52	19.52	2	19.5		
		50	25	19.60	19.58	19.52	3	19.5		
		50	50	19.53	19.48	19.50	3	19.5		
		100	0	19.67	19.57	19.53	2	19.5		
		1	0	19.75	19.64	19.67	2	19.5		
		1	50	19.56	19.51	19.47	2	19.5		
		1	99	19.45	19.42	19.46	2	19.5		
		50	0	19.59	19.52	19.52	2	19.5		
		50	25	19.60	19.58	19.52	3	19.5		
		50	50	19.53	19.48	19.50	3	19.5		
QPSK	15QAM	100	0	19.65	19.60	19.57	3	19.5		
		100	0	19.67	19.60	19.60				
		1	0	20.52	20.54	20.51	0	21.5		
		1	37	20.51	20.35	20.48	0	21.5		
		1	74	20.26	20.40	20.30	0	21.5		
		36	0	19.62	19.52	19.59	1	20.5		
		36	19	19.60	19.54	19.57	1	20.5		
		36	36	19.53	19.46	19.56	1	20.5		
		75	0	19.65	19.59	19.45	1	20.5		
		1	0	19.66	19.60	19.63	1	20.5		
QPSK	15QAM	1	37	19.63	19.53	19.60	1	20.5		
		1	74	19.61	19.50	19.52	1	20.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.64	19.48	19.61	2	19.5		
		36	36	19.48	19.32	19.49	2	19.5		
		75	0	19.65	19.49	19.62	2	19.5		
		1	0	19.61	19.59	19.61	2	19.5		
		1	37	19.55	19.49	19.42	2	19.5		
		1	74	19.37	19.36	19.44	2	19.5		
		36	0	19.58	19.48	19.49	3	19.5		
QPSK	15QAM	36	19	19.57	19.57	19.46	3	19.5		
		36	36	19.49	19.43	19.46	3	19.5		
		75	0	19.62	19.50	19.63	3	19.5		
		1	0	19.64	19.50	19.63	3	19.5		
		1	37	19.61	19.53	19.60	3	19.5		
		1	74	19.61	19.50	19.52	3	19.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
		36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
QPSK	15QAM	1	0	20.52	20.54	20.51	0	21.5		
		1	37	20.51	20.35	20.48	0	21.5		
		1	74	20.26	20.40	20.30	0	21.5		
		36	0	19.62	19.52	19.59	1	20.5		
		36	19	19.60	19.54	19.57	1	20.5		
		36	36	19.53	19.46	19.56	1	20.5		
		75	0	19.65	19.59	19.45	1	20.5		
		1	0	19.66	19.60	19.63	1	20.5		
		1	37	19.63	19.53	19.60	1	20.5		
		1	74	19.61	19.50	19.52	1	20.5		
QPSK	15QAM	36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
		36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
		1	0	19.61	19.59	19.61	2	19.5		
		1	37	19.55	19.49	19.42	2	19.5		
		1	74	19.37	19.36	19.44	2	19.5		
		36	0	19.58	19.48	19.49	3	19.5		
		36	19	19.57	19.47	19.46	3	19.5		
		36	36	19.49	19.43	19.46	3	19.5		
QPSK	15QAM	75	0	19.62	19.50	19.63	3	19.5		
		1	0	19.64	19.50	19.63	3	19.5		
		1	37	19.61	19.53	19.60	3	19.5		
		1	74	19.61	19.50	19.52	3	19.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
		36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
		1	0	19.61	19.59	19.61	2	19.5		
		1	37	19.55	19.49	19.42	2	19.5		
QPSK	15QAM	1	74	19.37	19.36	19.44	2	19.5		
		36	0	19.58	19.48	19.49	3	19.5		
		36	19	19.57	19.47	19.46	3	19.5		
		36	36	19.49	19.43	19.46	3	19.5		
		75	0	19.62	19.50	19.63	3	19.5		
		1	0	19.64	19.50	19.63	3	19.5		
		1	37	19.61	19.53	19.60	3	19.5		
		1	74	19.61	19.50	19.52	3	19.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
QPSK	15QAM	36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
		1	0	19.61	19.59	19.61	2	19.5		
		1	37	19.55	19.49	19.42	2	19.5		
		1	74	19.37	19.36	19.44	2	19.5		
		36	0	19.58	19.48	19.49	3	19.5		
		36	19	19.57	19.47	19.46	3	19.5		
		36	36	19.49	19.43	19.46	3	19.5		
		75	0	19.62	19.50	19.63	3	19.5		
		1	0	19.64	19.50	19.63	3	19.5		
QPSK	15QAM	1	37	19.63	19.53	19.60	3	19.5		
		1	74	19.61	19.50	19.52	3	19.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
		36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
		1	0	19.61	19.59	19.61	2	19.5		
		1	37	19.55	19.49	19.42	2	19.5		
		1	74	19.37	19.36	19.44	2	19.5		
		36	0	19.58	19.48	19.49	3	19.5		
QPSK	15QAM	36	19	19.57	19.47	19.46	3	19.5		
		36	36	19.49	19.43	19.46	3	19.5		
		75	0	19.62	19.50	19.63	3	19.5		
		1	0	19.64	19.50	19.63	3	19.5		
		1	37	19.61	19.53	19.60	3	19.5		
		1	74	19.61	19.50	19.52	3	19.5		
		36	0	19.54	19.46	19.57	2	19.5		
		36	19	19.44	19.48	19.61	2	19.5		
		36	36	19.49	19.36	19.49	2	19.5		
		75	0	19.65	19.48	19.62	2	19.5		
QPSK	15QAM	1	0	20.52	20.54	20.51	0	21.5		
		1	37	20.51	20.35	20.47	0	21.5		
		1	74	20.26	20.40	20.30	0	21.5		
		36	0	19.62	19.52	19.59	1	20.5		
		36	19	19.60	19.54	19.57	1	20.5		
		36	36	19.53	19.46	19.56	1	20.5		
		75	0	19.65	19.59	19.45	1	20.5		
		1	0	19.66	19.60	19.63	1	20.5		
		1	37	19.63	19.53	19.60	1	20.5		
		1	74	19.61	19.50	19.52	1	20.5		
QPSK	15QAM	36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
		36	0	19.54	19.56	19.56	2	19.5		
		36	19	19.54	19.56	19.56	2	19.5		
		36	36	19.54	19.56	19.56	2	19.5		
		75	0	19.54	19.56	19.56	2	19.5		
QPSK	15QAM	36	36	19.54	19.56	19.56	2	19.5		

LTE Band 25 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max. Tune-up (dB)		
		Channel Frequency (MHz)	1800	2630	2650	1800	MPR (dB)			
20M	QPSK	1	0	20.64	20.63	20.64	0	21.5		
		1	50	20.60	20.57	20.51	0	21.5		
		1	99	20.46	20.45	20.47	0	21.5		
		50	0	19.75	19.68	19.66	1	20.5		
		50	25	19.75	19.73	19.69	1	20.5		
	16QAM	50	50	19.68	19.65	19.65	1	20.5		
		100	0	19.72	19.74	19.70	1	20.5		
		1	0	20.08	20.00	20.04	1	20.5		
		1	50	19.78	19.80	19.76	1	20.5		
		1	99	19.81	19.76	19.77	1	20.5		
20M	16QAM	50	0	19.74	19.68	19.62	2	19.5		
		50	25	19.72	19.73	19.69	2	19.5		
		50	50	19.72	19.65	19.64	2	19.5		
		100	0	19.71	19.67	19.70	2	19.5		
		1	0	19.97	19.94	19.95	2	19.5		
	64QAM	1	50	19.66	19.63	19.62	2	19.5		
		1	99	19.70	19.69	19.63	2	19.5		
		50	0	19.71	19.63	19.67	3	18.5		
		50	25	19.72	19.73	19.69	3	18.5		
		50	50	19.71	19.63	19.67	3	18.5		
20M	16QAM	100	0	19.72	19.71	19.73	3	18.5		
		Channel	26118	26340	26503	26118	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	1807.5	1880	1907.5	1807.5	SCPP MPR	Max. Tune-up		
	QPSK	1	0	20.58	20.58	20.63	0	21.5		
		1	37	20.59	20.55	20.46	0	21.5		
	15M	QPSK	1	24	20.38	20.38	20.45	0	21.5	
			1	49	20.39	20.37	20.41	0	21.5	
			25	0	19.70	19.62	19.63	1	20.5	
			25	12	19.73	19.66	19.64	1	20.5	
			50	0	19.62	19.57	19.63	1	20.5	
16QAM		50	0	19.70	19.66	19.69	1	20.5		
		1	0	19.96	19.92	19.77	2	19.5		
		1	37	19.59	19.55	19.56	2	19.5		
		1	74	19.74	19.73	19.75	2	19.5		
		36	0	19.69	19.55	19.66	3	18.5		
15M	16QAM	36	19	19.66	19.70	19.65	3	18.5		
		36	39	19.69	19.55	19.66	3	18.5		
		75	0	19.64	19.54	19.71	3	18.5		
		75	0	19.64	19.54	19.71	3	18.5		
		75	0	19.64	19.54	19.71	3	18.5		
	64QAM	Channel	26095	26340	26480	26095	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	1882.5	1880	1910	1882.5	SCPP MPR	Max. Tune-up		
		1	0	20.58	20.55	20.62	0	21.5		
		1	24	20.59	20.56	20.43	0	21.5		
		1	49	20.39	20.37	20.41	0	21.5		
10M	QPSK	25	0	19.70	19.62	19.64	1	20.5		
		25	12	19.73	19.66	19.64	1	20.5		
		25	25	19.62	19.57	19.63	1	20.5		
		50	0	19.70	19.66	19.69	1	20.5		
		1	0	20.00	19.96	19.99	1	20.5		
	16QAM	1	24	19.76	19.72	19.75	1	20.5		
		1	49	19.73	19.72	19.72	1	20.5		
		25	0	19.71	19.62	19.66	2	19.5		
		25	12	19.70	19.66	19.64	2	19.5		
		25	25	19.66	19.57	19.62	2	19.5		
10M	16QAM	50	0	19.70	19.65	19.62	2	19.5		
		1	0	19.92	19.86	19.79	2	19.5		
		1	24	19.65	19.57	19.60	2	19.5		
		1	49	19.64	19.61	19.61	2	19.5		
		25	0	19.63	19.59	19.62	3	18.5		
	64QAM	25	12	19.69	19.67	19.67	3	18.5		
		25	25	19.66	19.57	19.65	3	18.5		
		50	0	19.70	19.64	19.68	3	18.5		
		50	0	19.70	19.64	19.68	3	18.5		
		50	0	19.70	19.64	19.68	3	18.5		
5M	QPSK	Channel	26095	26340	26480	26095	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	1882.5	1880	1910	1882.5	SCPP MPR	Max. Tune-up		
	QPSK	1	0	20.56	20.52	20.50	0	21.5		
		1	12	20.56	20.52	20.50	0	21.5		
		1	24	20.40	20.43	20.42	0	21.5		
5M	16QAM	12	0	19.66	19.63	19.64	1	20.5		
		12	6	19.67	19.71	19.64	1	20.5		
		12	13	19.66	19.57	19.63	1	20.5		
		25	0	19.64	19.68	19.62	1	20.5		
		1	0	20.02	19.98	19.99	1	20.5		
	16QAM	1	12	19.71	19.75	19.74	1	20.5		
		1	24	19.75	19.69	19.72	1	20.5		
		12	0	19.67	19.63	19.60	2	19.5		
		12	6	19.64	19.71	19.63	2	19.5		
		12	13	19.64	19.64	19.62	2	19.5		
5M	16QAM	25	0	19.67	19.62	19.62	2	19.5		
		1	0	19.89	19.83	19.83	2	19.5		
	64QAM	1	12	19.62	19.58	19.54	2	19.5		
		1	24	19.64	19.67	19.60	2	19.5		
		12	0	19.63	19.61	19.62	3	18.5		
5M	64QAM	12	6	19.64	19.72	19.67	3	18.5		
		12	13	19.64	19.58	19.65	3	18.5		
		25	0	19.66	19.69	19.70	3	18.5		
		25	0	19.66	19.69	19.70	3	18.5		
		25	0	19.66	19.69	19.70	3	18.5		
3M	QPSK	Channel	26095	26340	26480	26095	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	1882.5	1880	1910	1882.5	SCPP MPR	Max. Tune-up		
	QPSK	1	0	20.58	20.56	20.59	0	21.5		
		1	7	20.53	20.52	20.49	0	21.5		
		1	14	20.38	20.43	20.41	0	21.5		
3M	QPSK	8	0	19.65	19.67	19.64	1	20.5		
		8	3	19.71	19.68	19.61	1	20.5		
		8	7	19.60	19.64	19.63	1	20.5		
		15	0	19.67	19.69	19.66	1	20.5		
		1	0	20.06	19.92	20.03	1	20.5		
	16QAM	1	7	19.70	19.76	19.71	1	20.5		
		1	14	19.78	19.70	19.75	1	20.5		
		8	0	19.72	19.61	19.67	2	19.5		
		8	3	19.66	19.65	19.67	2	19.5		
		8	7	19.71	19.63	19.56	2	19.5		
3M	16QAM	15	0	19.66	19.59	19.64	2	19.5		
		1	0	19.96	19.98	19.93	2	19.5		
	64QAM	1	7	19.61	19.61	19.55	2	19.5		
		1	14	19.68	19.61	19.62	2	19.5		
		8	0	19.63	19.59	19.62	3	18.5		
3M	64QAM	8	3	19.70	19.65	19.68	3	18.5		
		8	7	19.63	19.62	19.65	3	18.5		
		15	0	19.70	19.63	19.72	3	18.5		
		15	0	19.70	19.63	19.72	3	18.5		
		15	0	19.70	19.63	19.72	3	18.5		
1.4M	QPSK	Channel	26047	26340	26480	26047	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	1899.7	1880	1914.3	1899.7	SCPP MPR	Max. Tune-up		
	QPSK	1	0	20.63	20.61	20.56	0	21.5		
		1	2	20.55	20.49	20.45	0	21.5		
		1	5	20.45	20.39	20.45	0	21.5		
1.4M	QPSK	3	0	20.38	20.31	20.31	0	21.5		
		3	1	20.43	20.35	20.37	0	21.5		
		3	3	20.33	20.27	20.34	0	21.5		
		6	0	19.68	19.69	19.65	1	20.5		
	16QAM	1	0	20.00	19.99	19.99	1	20.5		
		1	2	19.74	19.75	19.75	1	20.5		
		1	5	19.75	19.74	19.72	1	20.5		
		3	0	19.67	19.63	19.60	1	20.5		
		3	1	19.64	19.71	19.64	1	20.5		
1.4M	16QAM	3	3	19.70	19.67	19.62	1	20.5		
		6	0	19.63	19.61	19.62	2	19.5		
	64QAM	1	0	19.91	19.92	19.79	2	19.5		
		1	2	19.61	19.55	19.61	2	19.5		
		1	5	19.64	19.54	19.58	2	19.5		
1.4M	64QAM	3	0	19.63	19.57	19.62	2	19.5		
		3	1	19.70	19.65	19.67	2	19.5		
		3	3	19.66	19.56	19.66	2	19.5		
		6	0	19.70	19.63	19.67	3	18.5		
		6	0	19.70	19.63	19.67	3	18.5		

LTE Band 41 (2496 ~ 2690MHz) (Ant1)											
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (MHz)	
		Channel	Frequency (MHz)	2496	2496.5	2500	2504	2508	2508	2508	2508
20M	QPSK	1	0	21.56	21.56	21.35	21.09	21.09	0	22.5	
		1	50	21.42	21.45	21.26	20.92	21.02	0	22.5	
		1	99	21.50	21.54	21.34	21.00	21.04	0	22.5	
		50	0	20.47	20.51	20.38	20.03	20.10	1	21.5	
		50	25	20.58	20.60	20.40	20.12	20.10	1	21.5	
		50	50	20.49	20.53	20.41	20.06	20.13	1	21.5	
		100	0	20.58	20.59	20.43	20.10	20.13	1	21.5	
		1	0	20.34	20.39	20.17	19.84	19.93	1	21.5	
		1	50	20.24	20.26	20.12	19.74	19.79	1	21.5	
		1	99	20.25	20.32	20.14	19.83	19.85	1	21.5	
		50	0	19.46	19.43	19.35	19.06	19.05	2	20.5	
		50	25	19.45	19.52	19.34	19.01	19.06	2	20.5	
		50	50	19.50	19.50	19.37	19.05	19.09	2	20.5	
		100	0	19.63	19.62	19.42	19.10	19.18	2	20.5	
	64QAM	1	0	20.47	20.53	20.35	20.04	20.10	2	20.5	
		1	50	20.44	20.42	20.27	19.99	19.95	2	20.5	
		1	99	20.44	20.45	20.34	19.98	20.07	2	20.5	
		50	0	19.48	19.50	19.27	19.00	19.04	3	19.5	
		50	25	19.54	19.56	19.41	19.14	19.15	3	19.5	
		50	50	19.53	19.57	19.37	19.04	19.11	3	19.5	
		100	0	19.62	19.59	19.49	19.16	19.19	3	19.5	
15M	QPSK	Channel	Frequency (MHz)	2496	2496.5	2500	2504	2508	2508	2508	2508
		1	0	21.55	21.52	21.27	21.07	21.03	0	22.5	
		1	37	21.38	21.43	21.20	20.84	21.00	0	22.5	
		1	74	21.48	21.53	21.30	20.94	20.98	0	22.5	
		36	0	20.41	20.46	20.37	19.99	20.09	1	21.5	
		36	19	20.57	20.58	20.35	20.11	20.03	1	21.5	
		36	38	20.41	20.46	20.39	20.01	20.11	1	21.5	
		75	0	20.57	20.54	20.39	20.07	20.07	1	21.5	
		1	0	20.31	20.38	20.11	19.77	19.91	1	21.5	
		1	37	20.20	20.21	20.10	19.66	19.72	1	21.5	
		1	74	20.19	20.30	20.12	19.80	19.07	1	21.5	
		36	0	19.44	19.35	19.32	18.94	19.04	2	20.5	
	64QAM	36	19	19.37	19.48	19.29	18.95	19.01	2	20.5	
		36	39	19.47	19.44	19.35	19.03	19.07	2	20.5	
		75	0	19.62	19.57	19.34	19.02	19.10	2	20.5	
		1	0	20.41	20.50	20.31	20.01	20.09	2	20.5	
		1	37	20.42	20.35	20.22	19.98	19.88	2	20.5	
		1	74	20.38	20.37	20.32	19.94	20.06	2	20.5	
		36	0	19.47	19.48	19.19	18.97	19.01	3	19.5	
		36	19	19.47	19.48	19.35	19.13	19.11	3	19.5	
		36	39	19.51	19.56	19.23	18.99	19.09	3	19.5	
		75	0	19.60	19.51	19.40	19.14	19.16	3	19.5	
10M	QPSK	Channel	Frequency (MHz)	2496	2496.5	2500	2504	2508	2508	2508	2508
		1	0	21.48	21.52	21.30	21.02	21.01	0	22.5	
		1	24	21.40	21.38	21.25	20.84	21.00	0	22.5	
		1	49	21.42	21.50	21.29	20.98	20.96	0	22.5	
		25	0	20.44	20.45	20.35	19.95	20.07	1	21.5	
		25	12	20.56	20.53	20.35	20.06	20.08	1	21.5	
		25	25	20.43	20.45	20.39	20.05	20.08	1	21.5	
		50	0	20.57	20.56	20.34	20.05	20.10	1	21.5	
		1	0	20.27	20.31	20.11	19.82	19.88	1	21.5	
		1	24	20.21	20.20	20.10	19.69	19.77	1	21.5	
		1	49	20.23	20.25	20.09	19.81	19.77	1	21.5	
		25	0	19.40	19.35	19.31	18.90	18.95	2	20.5	
	64QAM	25	12	19.43	19.44	19.23	18.98	19.00	2	20.5	
		25	25	19.42	19.46	19.32	19.02	19.02	2	20.5	
		50	0	19.61	19.64	19.41	19.04	19.08	2	20.5	
		1	0	20.39	20.49	20.30	20.02	20.08	2	20.5	
		1	24	20.41	20.36	20.25	19.91	19.88	2	20.5	
		1	49	20.42	20.38	20.29	19.96	20.01	2	20.5	
		25	0	19.42	19.42	19.25	18.92	18.97	3	19.5	
		25	12	19.53	19.54	19.33	19.11	19.12	3	19.5	
		25	25	19.48	19.49	19.31	19.99	19.00	3	19.5	
		50	0	19.61	19.53	19.47	19.14	19.13	3	19.5	
5M	QPSK	Channel	Frequency (MHz)	2496	2496.5	2500	2504	2508	2508	2508	2508
		1	0	21.51	21.49	21.30	21.04	21.03	0	22.5	
		1	12	21.40	21.38	21.24	20.88	20.95	0	22.5	
		1	24	21.45	21.46	21.33	20.92	20.98	0	22.5	
		12	0	20.43	20.46	20.23	19.99	20.03	1	21.5	
		12	6	20.50	20.59	20.35	20.06	20.02	1	21.5	
		12	13	20.45	20.48	20.40	19.99	20.07	1	21.5	
		25	0	20.52	20.56	20.37	20.02	20.10	1	21.5	
		1	0	20.27	20.34	20.15	19.76	19.88	1	21.5	
		1	12	20.16	20.24	20.07	19.70	19.78	1	21.5	
		1	24	20.23	20.24	20.12	19.75	19.80	1	21.5	
		12	0	19.39	19.37	19.25	18.94	19.03	2	20.5	
	64QAM	12	6	19.39	19.50	19.28	18.95	19.01	2	20.5	
		12	13	19.43	19.45	19.35	19.04	19.07	2	20.5	
		25	0	19.57	19.55	19.37	19.05	19.15	2	20.5	
		1	0	20.40	20.48	20.23	19.99	20.02	2	20.5	
		1	12	20.36	20.40	20.21	19.88	19.91	2	20.5	
		1	24	20.36	20.44	20.32	19.93	20.06	2	20.5	
		12	0	19.44	19.45	19.19	18.98	19.02	3	19.5	
		12	6	19.46	19.55	19.29	18.99	19.10	3	19.5	
		12	13	19.48	19.52	19.29	18.92	19.07	3	19.5	
		25	0	19.56	19.57	19.46	19.08	19.11	3	19.5	

LTE Band 42 Part2Q (Ant7)													
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up			
		Channel	Frequency (MHz)	4296	4296.5	4300	4304	4308		4308	4308	Time-up	
20M	QPSK	1	0	20.86	20.73	20.62	0	22					
		1	50	20.80	20.63	20.76	0	22					
		1	99	20.79	20.65	20.79	0	22					
		50	0	19.81	19.78	19.88	1	21					
		50	25	19.86	19.82	19.85	1	21					
		50	50	19.88	19.76	19.87	1	21					
	16QAM	100	0	19.89	19.75	19.87	1	21					
		1	0	19.48	19.39	19.49	1	21					
		1	50	19.35	19.30	19.34	1	21					
		1	99	19.43	19.26	19.39	1	21					
		50	0	18.67	18.73	18.76	2	20					
		50	25	18.66	18.79	18.82	2	20					
64QAM	16QAM	50	50	18.62	18.73	18.83	2	20					
		100	0	18.96	18.96	18.99	2	20					
		1	0	18.56	18.47	18.57	2	20					
		1	50	18.46	18.41	18.44	2	20					
		1	99	18.45	18.41	18.47	2	20					
		50	0	17.95	17.83	17.87	3	19					
	QPSK	50	25	17.95	17.91	17.97	3	19					
		50	50	17.93	17.81	17.85	3	19					
		100	0	17.93	17.80	17.92	3	19					
		15M	QPSK	Channel	Frequency (MHz)	4296	4296.5	4300	4304	4308	4308	4308	4308
				1	0	20.81	20.66	20.77	0	22			
				1	37	20.78	20.55	20.74	0	22			
1	74			20.74	20.57	20.78	0	22					
36	0			19.87	19.80	19.83	1	21					
36	19			19.78	19.65	19.81	1	21					
16QAM	36		39	19.84	19.71	19.86	1	21					
	75		0	19.86	19.83	19.84	1	21					
	1		0	19.41	19.34	19.47	1	21					
	1		37	19.37	19.30	19.47	1	21					
	1		74	19.41	19.38	19.37	1	21					
	36		0	18.74	18.67	18.70	2	20					
64QAM	16QAM	36	19	18.76	18.68	18.76	2	20					
		36	39	18.76	18.68	18.81	2	20					
		75	0	18.92	18.79	18.90	2	20					
		1	0	18.49	18.42	18.55	2	20					
		1	37	18.38	18.37	18.48	2	20					
		1	74	18.37	18.40	18.45	2	20					
	QPSK	36	0	17.51	17.76	17.77	3	19					
		1	25	17.67	17.72	17.65	3	19					
		36	39	17.69	17.76	17.77	3	19					
		75	0	17.67	17.84	17.69	3	19					
		10M	QPSK	Channel	Frequency (MHz)	4296	4296.5	4300	4304	4308	4308	4308	4308
				1	0	20.82	20.68	20.77	0	22			
1	24			20.72	20.60	20.73	0	22					
1	49			20.75	20.60	20.78	0	22					
1	0			19.85	19.82	19.83	1	21					
25	12			19.79	19.77	19.83	1	21					
16QAM	25		25	19.80	19.74	19.82	1	21					
	50		0	19.80	19.76	19.81	1	21					
	1		0	19.40	19.33	19.41	1	21					
	1		24	19.29	19.28	19.28	1	21					
	1		49	19.36	19.21	19.27	1	21					
	25		12	19.76	19.66	19.73	2	20					
64QAM	16QAM	25	25	18.74	18.71	18.77	2	20					
		50	0	18.90	18.86	18.93	2	20					
		1	0	18.52	18.42	18.49	2	20					
		1	24	18.38	18.40	18.42	2	20					
		1	49	18.41	18.36	18.39	2	20					
		25	12	17.69	17.74	17.64	3	19					
	QPSK	25	12	17.67	17.80	17.66	3	19					
		25	25	17.69	17.76	17.77	3	19					
		1	0	17.67	17.84	17.69	3	19					
		5M	QPSK	Channel	Frequency (MHz)	42915	42916	42920	42925	42930	42930	42930	42930
				1	0	20.84	20.66	20.77	0	22			
				1	12	20.78	20.60	20.76	0	22			
1	24			20.71	20.61	20.74	0	22					
12	0			19.88	19.79	19.86	1	21					
12	6			19.84	19.75	19.80	1	21					
16QAM	12		12	19.82	19.80	19.81	1	21					
	25		0	19.81	19.83	19.81	1	21					
	1		0	19.41	19.31	19.43	1	21					
	1		12	19.32	19.34	19.32	1	21					
	1		24	19.41	19.33	19.34	1	21					
	12		6	18.84	18.65	18.76	2	20					
64QAM	16QAM	12	13	18.74	18.69	18.74	2	20					
		25	0	18.96	18.76	18.94	2	20					
		1	0	18.48	18.43	18.52	2	20					
		1	12	18.43	18.38	18.52	2	20					
		1	24	18.43	18.34	18.42	2	20					
		12	6	17.89	17.75	17.85	3	19					
	QPSK	12	6	17.94	17.89	17.89	3	19					
		12	13	17.68	17.72	17.67	3	19					
		25	0	17.62	17.80	17.60	3	19					

LTE Band 43 (Ant7)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequency (MHz)		3610	3650	3690		
20M	QPSK	1	0	21.11	21.33	21.26	0	22
		1	50	20.96	21.14	21.03	0	22
		1	99	20.86	21.09	20.92	0	22
		50	0	19.91	20.11	20.02	1	21
		50	25	19.92	20.17	20.04	1	21
		50	50	19.91	20.06	20.01	1	21
		100	0	19.92	20.17	20.04	1	21
		1	0	20.06	20.24	20.16	1	21
	16QAM	1	50	19.88	20.05	19.90	1	21
		1	99	19.89	20.13	20.00	1	21
		50	0	18.94	19.10	19.00	2	20
		50	25	18.89	19.08	19.02	2	20
		50	50	18.88	19.08	18.90	2	20
		100	0	18.98	19.18	19.08	2	20
		1	0	18.81	19.03	18.88	2	20
		1	50	18.69	18.84	18.79	2	20
	64QAM	1	99	18.62	18.84	18.69	2	20
		50	0	18.00	18.20	18.02	3	19
		50	25	17.93	18.12	18.06	3	19
		50	50	17.96	18.13	17.98	3	19
		100	0	17.95	18.15	18.06	3	19
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	21.03	21.26	21.24	0	22
		1	37	20.95	21.10	21.00	0	22
		1	74	20.83	21.08	20.86	0	22
		36	0	19.87	20.06	20.00	1	21
		36	19	19.86	20.15	20.01	1	21
		36	39	19.89	19.98	20.00	1	21
		75	0	19.84	20.13	19.99	1	21
		1	0	20.03	20.18	20.14	1	21
	16QAM	1	37	19.87	20.00	19.82	1	21
		1	74	19.83	20.10	19.96	1	21
		36	0	18.92	19.03	18.95	2	20
		36	19	18.83	19.00	19.00	2	20
		36	39	18.87	19.06	18.82	2	20
		75	0	18.91	19.10	19.02	2	20
		1	0	18.79	19.02	18.84	2	20
		1	37	18.67	18.76	18.78	2	20
	64QAM	1	74	18.60	18.83	18.65	2	20
		36	0	17.99	18.18	17.94	3	19
		36	19	17.87	18.04	18.04	3	19
		36	39	17.95	18.08	17.90	3	19
		75	0	17.91	18.10	18.04	3	19
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3605	3650	3695		
10M	QPSK	1	0	21.03	21.29	21.21	0	22
		1	24	20.93	21.08	21.01	0	22
		1	49	20.84	21.02	20.87	0	22
		25	0	19.85	20.03	20.00	1	21
		25	12	19.91	20.15	19.96	1	21
		25	25	19.84	19.98	19.95	1	21
		50	0	19.89	20.11	20.02	1	21
		1	0	20.04	20.17	20.11	1	21
	16QAM	1	24	19.82	19.97	19.88	1	21
		1	49	19.87	20.05	19.99	1	21
		25	0	18.86	19.06	18.95	2	20
		25	12	18.87	19.00	19.01	2	20
		25	25	18.80	19.04	18.85	2	20
		50	0	18.95	19.12	19.06	2	20
		1	0	18.79	18.96	18.83	2	20
		1	24	18.63	18.76	18.77	2	20
	64QAM	1	49	18.61	18.82	18.61	2	20
		25	0	17.95	18.12	17.96	3	19
		25	12	17.92	18.06	18.04	3	19
		25	25	17.93	18.07	17.96	3	19
		50	0	17.87	18.11	18.01	3	19
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	21.06	21.26	21.21	0	22
		1	12	20.94	21.06	21.01	0	22
		1	24	20.78	21.08	20.87	0	22
		12	0	19.87	20.06	20.01	1	21
		12	6	19.86	20.15	19.99	1	21
		12	13	19.84	20.01	19.99	1	21
		25	0	19.84	20.15	19.99	1	21
		1	0	20.04	20.16	20.14	1	21
	16QAM	1	12	19.80	19.99	19.82	1	21
		1	24	19.83	20.11	19.94	1	21
		12	0	18.87	19.05	18.98	2	20
		12	6	18.83	19.01	18.97	2	20
		12	13	18.81	19.03	18.88	2	20
		25	0	18.90	19.16	19.02	2	20
		1	0	18.73	19.02	18.86	2	20
		1	12	18.65	18.79	18.71	2	20
	64QAM	1	24	18.54	18.83	18.67	2	20
		12	0	17.96	18.15	17.94	3	19
		12	6	17.87	18.10	18.03	3	19
		12	13	17.89	18.08	17.96	3	19
		25	0	17.87	18.13	18.01	3	19

LTE Band 48 (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		55340	55830	56150	56640			
		Frequency (MHz)		3560	3609	3641	3690			
20M	QPSK	1	0	20.89	21.06	21.23	21.27	0	22	
		1	50	20.85	21.00	21.20	21.24	0	22	
		1	99	20.74	20.99	21.11	21.15	0	22	
		50	0	19.93	20.11	20.28	20.32	1	21	
		50	25	19.86	20.02	20.17	20.21	1	21	
		50	50	19.80	19.99	20.18	20.22	1	21	
		100	0	19.87	20.07	20.14	20.18	1	21	
		1	0	19.71	19.91	20.06	20.10	1	21	
	16QAM	1	50	19.73	19.91	20.08	20.12	1	21	
		1	99	19.71	19.87	20.02	20.06	1	21	
		50	0	18.86	19.05	19.24	19.23	2	20	
		50	25	18.86	19.01	19.21	19.21	2	20	
		50	50	18.77	19.02	19.14	19.21	2	20	
		100	0	18.88	19.03	19.23	19.27	2	20	
		1	0	18.63	18.88	19.00	19.04	2	20	
		1	50	18.64	18.82	18.99	19.04	2	20	
	64QAM	1	99	18.61	18.77	18.92	18.96	2	20	
		50	0	17.82	18.01	18.20	18.24	3	19	
		50	25	17.83	18.03	18.10	18.14	3	19	
		50	50	17.76	17.94	18.09	18.14	3	19	
		100	0	17.84	18.00	18.17	18.21	3	19	
	BW	MCS Index	Channel	55315	55820	56160	56665	3GPP MPR	Max. Tune-up	
			Frequency (MHz)	3557.5	3608	3642	3692.5			
15M	QPSK	1	0	20.81	21.02	21.18	21.22	0	22	
		1	37	20.83	20.92	21.19	21.23	0	22	
		1	74	20.66	20.95	21.06	21.10	0	22	
		36	0	19.90	20.05	20.26	20.30	1	21	
		36	19	19.84	19.95	20.12	20.16	1	21	
		36	39	19.74	19.91	20.16	20.20	1	21	
		75	0	19.86	20.05	20.06	20.10	1	21	
		1	0	19.64	19.83	20.00	20.04	1	21	
	16QAM	1	37	19.70	19.85	20.06	20.10	1	21	
		1	74	19.69	19.80	19.97	20.01	1	21	
		36	0	18.80	18.97	19.22	19.16	2	20	
		36	19	18.84	18.93	19.20	19.16	2	20	
		36	39	18.69	18.98	19.09	19.19	2	20	
		75	0	18.86	18.95	19.22	19.26	2	20	
		1	0	18.55	18.84	18.95	18.99	2	20	
		1	37	18.61	18.76	18.97	19.03	2	20	
	64QAM	1	74	18.59	18.70	18.87	18.91	2	20	
		36	0	17.76	17.93	18.18	18.22	3	19	
		36	19	17.82	18.01	18.02	18.06	3	19	
		36	39	17.71	17.86	18.03	18.09	3	19	
		75	0	17.83	17.94	18.15	18.19	3	19	
		BW	MCS Index	Channel	55290	55815	56165	56690	3GPP MPR	Max. Tune-up
				Frequency (MHz)	3555	3607.5	3642.5	3695		
10M	QPSK	1	0	20.84	20.99	21.18	21.22	0	22	
		1	24	20.83	20.92	21.18	21.23	0	22	
		1	49	20.69	20.91	21.10	21.10	0	22	
		25	0	19.89	20.06	20.23	20.30	1	21	
		25	12	19.78	20.01	20.12	20.16	1	21	
		25	25	19.76	19.94	20.17	20.20	1	21	
		50	0	19.81	20.05	20.09	20.10	1	21	
		1	0	19.64	19.86	20.04	20.04	1	21	
	16QAM	1	24	19.65	19.89	20.03	20.10	1	21	
		1	49	19.69	19.79	20.00	20.01	1	21	
		25	0	18.78	18.99	19.16	19.16	2	20	
		25	12	18.80	18.99	19.15	19.16	2	20	
		25	25	18.70	18.97	19.12	19.19	2	20	
		50	0	18.82	18.96	19.18	19.26	2	20	
		1	0	18.56	18.83	18.98	18.99	2	20	
		1	24	18.56	18.80	18.93	19.03	2	20	
	64QAM	1	49	18.53	18.76	18.90	18.91	2	20	
		25	0	17.78	17.96	18.12	18.22	3	19	
		25	12	17.75	18.02	18.08	18.06	3	19	
		25	25	17.72	17.89	18.01	18.09	3	19	
		50	0	17.78	17.98	18.14	18.19	3	19	
		BW	MCS Index	Channel	55265	55810	56170	56715	3GPP MPR	Max. Tune-up
				Frequency (MHz)	3552.5	3607	3643	3697.5		
5M	QPSK	1	0	20.83	21.04	21.17	21.22	0	22	
		1	12	20.78	20.95	21.18	21.23	0	22	
		1	24	20.68	20.92	21.06	21.10	0	22	
		12	0	19.86	20.06	20.26	20.30	1	21	
		12	6	19.78	20.00	20.11	20.16	1	21	
		12	13	19.72	19.98	20.16	20.20	1	21	
		25	0	19.83	20.02	20.06	20.10	1	21	
		1	0	19.63	19.90	20.04	20.04	1	21	
	16QAM	1	12	19.68	19.86	20.04	20.10	1	21	
		1	24	19.69	19.79	20.01	20.01	1	21	
		12	0	18.78	19.01	19.19	19.16	2	20	
		12	6	18.83	18.95	19.19	19.16	2	20	
		12	13	18.75	18.95	19.09	19.19	2	20	
		25	0	18.82	18.95	19.21	19.26	2	20	
		1	0	18.62	18.86	18.92	18.99	2	20	
		1	12	18.59	18.74	18.93	19.03	2	20	
	64QAM	1	24	18.60	18.71	18.90	18.91	2	20	
		12	0	17.77	17.99	18.13	18.22	3	19	
		12	6	17.81	17.95	18.09	18.06	3	19	
		12	13	17.68	17.90	18.04	18.09	3	19	
		25	0	17.82	17.92	18.16	18.19	3	19	

LTE Band 66 (Ant1)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	21.30	21.42	21.50	0
		1	50	21.47	21.57	21.72	0
		1	99	21.57	21.64	21.78	0
		36	0	20.66	20.76	20.81	1
		36	25	20.64	20.78	20.86	1
		36	50	20.68	20.83	20.94	1
		100	0	20.66	20.73	20.82	1
		1	0	20.88	21.13	21.24	1
		1	50	20.82	20.90	21.03	1
		1	99	21.00	21.02	21.21	1
	16QAM	36	0	19.70	19.82	19.93	2
		36	25	19.68	19.71	19.88	2
		36	50	19.70	19.73	19.87	2
		100	0	19.67	19.73	19.81	2
		1	0	21.02	21.09	21.15	2
		1	50	20.75	20.80	20.94	2
		1	99	20.96	20.99	21.15	2
		36	0	19.74	19.85	19.92	3
		36	25	19.68	19.70	19.89	3
		36	50	19.64	19.76	19.87	3
		100	0	19.72	19.74	19.83	3
	64QAM	1	0	20.82	20.82	20.82	2
		1	50	20.75	20.80	20.94	2
		1	99	20.96	20.99	21.15	2
		36	0	19.74	19.85	19.92	3
		36	25	19.68	19.70	19.89	3
		36	50	19.64	19.76	19.87	3
		100	0	19.72	19.74	19.83	3
		1	0	21.24	21.40	21.44	1
		1	37	21.40	21.52	21.70	0
		1	74	21.51	21.57	21.73	0
10M	QPSK	36	0	20.59	20.71	20.89	1
		36	19	20.56	20.76	20.80	1
		36	39	20.60	20.82	20.92	1
		75	0	20.62	20.88	20.74	1
		1	0	20.90	21.12	21.22	1
		1	37	20.77	20.85	20.89	1
		1	74	20.98	20.94	21.20	1
		36	0	19.62	19.78	19.88	2
		36	19	19.65	19.67	19.87	2
		36	39	19.68	19.66	19.82	2
	16QAM	75	0	19.61	19.65	19.89	2
		1	0	21.01	21.07	21.07	2
		1	37	20.70	20.72	20.88	2
		1	74	20.95	20.83	21.13	2
		36	0	19.69	19.83	19.85	3
		36	19	19.66	19.62	19.88	3
		36	39	19.66	19.72	19.82	3
		75	0	19.70	19.66	19.82	3
	64QAM	1	0	21.01	21.07	21.07	2
		1	37	20.70	20.72	20.88	2
		1	74	20.95	20.83	21.13	2
		36	0	19.69	19.83	19.85	3
		36	19	19.66	19.62	19.88	3
		36	39	19.66	19.72	19.82	3
		75	0	19.70	19.66	19.82	3
10M	QPSK	1	0	21.27	21.36	21.48	0
		1	24	21.45	21.49	21.71	0
		1	49	21.49	21.60	21.73	0
		25	0	20.63	20.70	20.89	1
		25	12	20.62	20.71	20.81	1
		25	25	20.62	20.75	20.82	1
		50	0	20.65	20.71	20.74	1
		1	0	20.91	21.05	21.18	1
		1	24	20.79	20.84	21.01	1
		1	49	20.96	20.95	21.16	1
	16QAM	25	0	19.64	19.74	19.91	2
		25	12	19.66	19.65	19.88	2
		25	25	19.62	19.69	19.82	2
		50	0	19.65	19.65	19.90	2
		1	0	20.94	21.05	21.10	2
		1	24	20.72	20.74	20.92	2
		1	49	20.94	20.82	21.10	2
		25	0	19.68	19.77	19.90	3
		25	12	19.67	19.68	19.81	3
		25	25	19.59	19.68	19.81	3
	64QAM	50	0	19.71	19.68	19.81	3
10M	QPSK	1	0	21.25	21.35	21.45	0
		1	12	21.45	21.49	21.70	0
		1	24	21.52	21.56	21.77	0
		12	0	20.62	20.71	20.86	1
		12	6	20.56	20.77	20.81	1
		12	13	20.64	20.78	20.93	1
		25	0	20.60	20.71	20.77	1
		1	0	20.91	21.09	21.22	1
		1	12	20.74	20.88	20.98	1
		1	24	20.98	20.94	21.19	1
	16QAM	12	0	19.62	19.76	19.85	2
		12	6	19.62	19.71	19.83	2
		12	13	19.63	19.69	19.85	2
		25	0	19.61	19.66	19.86	2
		1	0	20.95	21.04	21.13	2
		1	12	20.67	20.75	20.88	2
		1	24	20.98	20.98	21.13	2
		12	0	19.70	19.80	19.84	3
		12	6	19.60	19.69	19.87	3
		12	13	19.60	19.71	19.79	3
3M	QPSK	25	0	19.65	19.72	19.90	3
		1	0	21.24	21.37	21.49	0
		1	7	21.46	21.55	21.67	0
		1	14	21.49	21.57	21.76	0
		8	0	20.65	20.72	20.86	1
		8	3	20.61	20.77	20.80	1
		8	7	20.64	20.78	20.92	1
		15	0	20.60	20.71	20.79	1
		1	0	20.96	21.05	21.13	2
		1	7	20.74	20.86	20.98	1
	16QAM	1	14	20.97	20.96	21.19	1
		8	0	19.69	19.77	19.85	2
		8	3	19.62	19.70	19.85	2
		8	7	19.68	19.66	19.82	2
		15	0	19.61	19.65	19.89	2
		1	0	21.01	21.07	21.07	2
		1	7	20.68	20.72	20.88	2
		1	14	20.94	20.98	21.11	2
		8	0	19.72	19.77	19.91	3
		8	3	19.68	19.82	19.88	3
	64QAM	8	7	19.62	19.75	19.83	3
		15	0	19.69	19.73	19.87	3
1.4M	QPSK	1	0	21.22	21.39	21.45	0
		1	2	21.44	21.51	21.70	0
		1	5	21.55	21.57	21.73	0
		3	0	21.10	21.18	21.39	0
		3	1	21.13	21.26	21.28	0
		3	3	21.13	21.25	21.38	0
		6	0	20.65	20.67	20.80	1
		1	0	20.93	21.06	21.19	1
		1	2	20.80	20.82	21.01	1
		1	5	20.95	20.94	21.20	1
	16QAM	3	0	20.66	20.77	20.88	1
		3	1	20.60	20.72	20.84	1
		3	3	20.66	20.68	20.86	1
		6	0	19.61	19.71	19.86	2
		1	0	20.95	21.04	21.13	2
		1	2	20.67	20.78	20.89	2
		1	5	20.94	20.91	21.13	2
		3	0	20.66	20.79	20.84	2
		3	1	20.62	20.68	20.83	2
		3	3	20.59	20.68	20.86	2
	64QAM	6	0	19.68	19.69	19.88	3

UL CA

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Tune up limit (dBm)
			RB Size	RB offset	RB Size	RB offset			
20850	21048	QPSK	1	99	0	0	1	20.02	21.00
		16QAM	1	99	0	0	1	19.25	20.00
		64QAM	1	99	0	0	1	18.07	19.00
21100	21298	QPSK	1	99	0	0	1	19.99	21.00
		16QAM	1	99	0	0	1	19.14	20.00
		64QAM	1	99	0	0	1	18.20	19.00
21350	21152	QPSK	1	99	0	0	1	19.91	21.00
		16QAM	1	99	0	0	1	19.14	20.00
		64QAM	1	99	0	0	1	18.00	19.00

CA_38C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
37850	38048	QPSK	1	0	0	0	1	21.26	22.50
		16QAM	1	0	0	0	1	20.57	21.50
		64QAM	1	0	0	0	1	19.22	20.50
37901	38099	QPSK	1	0	0	0	1	21.14	22.50
		16QAM	1	0	0	0	1	20.27	21.50
		64QAM	1	0	0	0	1	19.01	20.50
38150	37952	QPSK	1	0	0	0	1	20.93	22.50
		16QAM	1	0	0	0	1	20.14	21.50
		64QAM	1	0	0	0	1	19.16	20.50

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
39750	39948	QPSK	1	0	0	0	1	21.13	22.50
		16QAM	1	0	0	0	1	20.32	21.50
		64QAM	1	0	0	0	1	18.83	20.50
40185	40383	QPSK	1	0	0	0	1	21.03	22.50
		16QAM	1	0	0	0	1	20.19	21.50
		64QAM	1	0	0	0	1	18.71	20.50
40620	40818	QPSK	1	0	0	0	1	20.96	22.50
		16QAM	1	0	0	0	1	20.21	21.50
		64QAM	1	0	0	0	1	18.59	20.50
41055	41253	QPSK	1	0	0	0	1	20.85	22.50
		16QAM	1	0	0	0	1	20.09	21.50
		64QAM	1	0	0	0	1	18.56	20.50
41490	41292	QPSK	1	0	0	0	1	20.48	22.50
		16QAM	1	0	0	0	1	19.60	21.50
		64QAM	1	0	0	0	1	18.18	20.50

CA_42C Part27									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
42190	42388	QPSK	1	0	0	0	1	20.43	22.00
		16QAM	1	0	0	0	1	19.65	21.00
		64QAM	1	0	0	0	1	18.19	20.00
42590	42392	QPSK	1	0	0	0	1	20.55	22.00
		16QAM	1	0	0	0	1	19.70	21.00
		64QAM	1	0	0	0	1	18.01	20.00
42990	42792	QPSK	1	0	0	0	1	20.43	22.00
		16QAM	1	0	0	0	1	19.68	21.00
		64QAM	1	0	0	0	1	18.11	20.00

CA_48C For SAR									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
55340	55538	QPSK	1	0	0	0	1	20.74	22.00
		16QAM	1	0	0	0	1	19.96	21.00
		64QAM	1	0	0	0	1	18.44	20.00
55830	56028	QPSK	1	0	0	0	1	20.89	22.00
		16QAM	1	0	0	0	1	20.11	21.00
		64QAM	1	0	0	0	1	18.68	20.00
56150	56348	QPSK	1	0	0	0	1	20.99	22.00
		16QAM	1	0	0	0	1	20.23	21.00
		64QAM	1	0	0	0	1	18.72	20.00
56640	56442	QPSK	1	0	0	0	1	20.84	22.00
		16QAM	1	0	0	0	1	20.11	21.00
		64QAM	1	0	0	0	1	18.66	20.00

DL CA

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	19.96	20.08
			Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	19.90	20.01
			Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	19.92	20.04

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	CP-OFDM QPSK	1	1	19.72	19.76	19.70	20
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	CP-OFDM QPSK	1	1	19.81	19.72	19.67	20
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	CP-OFDM QPSK	1	1	19.79	19.80	19.62	20
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	CP-OFDM QPSK	1	1	19.75	19.73	19.72	20

n2 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		372000	376000	380000		
		Frequency (MHz)		1860	1880	1900		
20M	DFT-s-OFDM P1/2 BPSK	1	1	21.10	21.15	21.05	21.5	
		1	53	21.05	21.04	21.05	21.5	
		1	104	21.08	21.04	20.95	21.5	
		50	0	20.59	20.65	20.66	21.5	
		50	28	21.15	21.09	21.04	21.5	
		50	56	20.59	20.65	20.52	21.5	
		100	0	20.62	20.71	20.60	21	
		DFT-s-OFDM QPSK	1	1	21.20	21.25	21.18	21.5
	1		53	21.15	21.16	21.12	21.5	
	1		104	21.03	21.16	21.06	21.5	
	50		0	20.15	20.18	20.09	21.5	
	50		28	21.15	21.16	21.12	21.5	
	50		56	20.09	20.19	20.09	21.5	
	100		0	20.13	20.17	20.08	21	
	DFT-s-OFDM 16QAM		1	1	20.14	20.17	20.24	20.5
	DFT-s-OFDM 64QAM	1	1	18.74	18.74	18.73	19	
	DFT-s-OFDM 256QAM	1	1	16.73	16.76	16.81	17	
	BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
			Frequency (MHz)		1857.5	1880	1902.5	
	15M	DFT-s-OFDM QPSK	1	1	21.20	21.22	21.17	21.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up	
		Frequency (MHz)		1855	1880	1905		
10M	DFT-s-OFDM QPSK	1	1	21.23	21.20	21.18	21.5	
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up	
		Frequency (MHz)		1852.5	1880	1907.5		
5M	DFT-s-OFDM QPSK	1	1	21.17	21.24	21.13	21.5	

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20M	CP-OFDM QPSK	1	1	19.15	19.19	19.06	19.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	CP-OFDM QPSK	1	1	19.08	19.21	19.11	19.5
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	CP-OFDM QPSK	1	1	19.11	19.17	19.09	19.5
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	CP-OFDM QPSK	1	1	19.17	19.15	19.12	19.5

n7 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		502000	507000	512000		
		Frequency (MHz)		2510	2535	2560		
20M	DFT-s-OFDM P/V2 BPSK	1	1	20.72	20.75	20.55	21	
		1	53	20.63	20.59	20.47	21	
		1	104	20.64	20.66	20.49	21	
		50	0	20.19	20.15	20.04	21	
		50	28	20.68	20.67	20.50	21	
		50	56	20.08	20.18	19.89	21	
		100	0	20.23	20.20	20.07	20.5	
		1	1	20.74	20.83	20.61	21	
		1	53	20.63	20.64	20.52	21	
		1	104	20.55	20.63	20.39	21	
	DFT-s-OFDM QPSK	50	0	19.74	19.74	19.67	21	
		50	28	20.73	20.74	20.52	21	
		50	56	19.60	19.70	19.48	21	
		100	0	19.74	19.78	19.58	20.5	
		DFT-s-OFDM 16QAM	1	1	19.80	19.75	19.68	20
		DFT-s-OFDM 64QAM	1	1	18.25	18.27	18.21	18.5
	DFT-s-OFDM 256QAM	1	1	16.22	16.26	16.13	16.5	
	BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
	Frequency (MHz)		2507.5	2535	2562.5			
15M	DFT-s-OFDM QPSK	1	1	20.75	20.81	20.69	21	
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up	
Frequency (MHz)		2505	2535	2565				
10M	DFT-s-OFDM QPSK	1	1	20.71	20.80	20.65	21	
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up	
Frequency (MHz)		2502.5	2535	2567.5				
5M	DFT-s-OFDM QPSK	1	1	20.73	20.78	20.66	21	

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	CP-OFDM QPSK	1	1	19.90	19.96	19.88	20
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1900	
30M	CP-OFDM QPSK	1	1	19.85	19.92	19.85	20
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	CP-OFDM QPSK	1	1	19.80	19.95	19.79	20
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	CP-OFDM QPSK	1	1	19.83	19.98	19.90	20
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	CP-OFDM QPSK	1	1	19.87	19.90	19.82	20
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	CP-OFDM QPSK	1	1	19.81	19.73	19.85	20
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	CP-OFDM QPSK	1	1	19.78	19.88	19.83	20

n25 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		374000	376500	379000		
		Frequency (MHz)		1870	1882.5	1895		
40M	DFT-s-OFDM P/V2 BPSK	1	1	21.09	21.13	21.12	21.5	
		1	108	21.23	21.26	21.13	21.5	
		1	214	21.18	21.16	21.11	21.5	
		108	0	20.68	20.64	20.74	21.5	
		108	54	21.18	21.11	21.10	21.5	
		108	108	20.67	20.71	20.75	21.5	
	DFT-s-OFDM QPSK	216	0	20.69	20.66	20.73	21	
		1	1	21.27	21.30	21.25	21.5	
		1	108	21.10	21.18	21.20	21.5	
		1	214	21.25	21.22	21.21	21.5	
		108	0	20.21	20.19	20.23	21.5	
		108	54	21.21	21.25	21.19	21.5	
	DFT-s-OFDM 16QAM	108	108	20.22	20.22	20.23	21.5	
		216	0	20.23	20.25	20.25	21	
		1	1	20.32	20.33	20.21	20.5	
		DFT-s-OFDM 32QAM	1	1	18.85	18.87	18.83	19
			DFT-s-OFDM 256QAM	1	1	16.93	16.95	16.89
		BW		MCS Index	Channel		373000	376500
		Frequency (MHz)		1865	1882.5	1900		
30M	DFT-s-OFDM QPSK	1	1	21.20	21.28	21.22	21.5	
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up	
		Frequency (MHz)		1862.5	1882.5	1902.5		
25M	DFT-s-OFDM QPSK	1	1	21.25	21.22	21.17	21.5	
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up	
		Frequency (MHz)		1860	1882.5	1905		
20M	DFT-s-OFDM QPSK	1	1	21.21	21.29	21.21	21.5	
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up	
		Frequency (MHz)		1857.5	1882.5	1907.5		
15M	DFT-s-OFDM QPSK	1	1	21.26	21.18	21.15	21.5	
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up	
		Frequency (MHz)		1855	1882.5	1910		
10M	DFT-s-OFDM QPSK	1	1	21.22	21.21	21.19	21.5	
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up	
		Frequency (MHz)		1852.5	1882.5	1912.5		
5M	DFT-s-OFDM QPSK	1	1	21.19	21.15	21.10	21.5	

n30 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10M	CP-OFDM QPSK	1	1		20.85		21
BW	MCS Index	Channel		461500	462000	462500	Max. Tune-up
		Frequency (MHz)		2307.5	2310	2312.5	
5M	CP-OFDM QPSK	1	1	20.73	20.75	20.81	21

n30 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10M	DFT-s-OFDM Pi/2 BPSK	1	1		22.33		22.5
		1	26		22.34		22.5
		1	50		22.26		22.5
		25	0		21.79		22.5
		25	14		22.32		22.5
		25	27		21.80		22.5
		50	0		21.87		22
	DFT-s-OFDM QPSK	1	1		22.37		22.5
		1	26		22.32		22.5
		1	50		22.31		22.5
		25	0		21.31		22.5
		25	14		22.28		22.5
		25	27		21.36		22.5
		50	0		21.38		22
	DFT-s-OFDM 16QAM	1	1		21.39		21.5
	DFT-s-OFDM 64QAM	1	1		19.98		20.5
	DFT-s-OFDM 256QAM	1	1		17.98		18.5
BW	MCS Index	Channel		461500	462000	462500	Max. Tune-up
		Frequency (MHz)		2307.5	2310	2312.5	
5M	DFT-s-OFDM QPSK	1	1	22.29	22.32	22.21	22.5

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	CP-OFDM QPSK	1	1	20.35	20.28	20.32	20.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	CP-OFDM QPSK	1	1	20.36	20.31	20.30	20.5
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	CP-OFDM QPSK	1	1	20.32	20.27	20.32	20.5
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	CP-OFDM QPSK	1	1	20.33	20.23	20.28	20.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	CP-OFDM QPSK	1	1	20.29	20.29	20.25	20.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	CP-OFDM QPSK	1	1	20.36	20.25	20.27	20.5

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	21.74	21.64	21.66	22
		1	108	21.68	21.61	21.74	22
		1	214	21.81	21.73	21.67	22
		108	0	21.09	21.03	21.13	22
		108	54	21.80	21.68	21.76	22
		108	108	21.33	21.24	21.24	22
		216	0	21.26	21.17	21.29	21.5
	DFT-s-OFDM QPSK	1	1	21.83	21.73	21.82	22
		1	108	21.81	21.73	21.82	22
		1	214	21.69	21.71	21.80	22
		108	0	20.67	20.62	20.68	22
		108	54	21.81	21.70	21.74	22
		108	108	20.83	20.75	20.79	22
		216	0	20.83	20.70	20.81	21.5
	DFT-s-OFDM 16QAM	1	1	20.85	20.75	20.82	21
	DFT-s-OFDM 64QAM	1	1	19.44	19.31	19.29	20
	DFT-s-OFDM 256QAM	1	1	17.39	17.33	17.30	18
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM QPSK	1	1	21.75	21.75	21.78	22
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	21.73	21.69	21.70	22
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	21.79	21.66	21.72	22
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	21.74	21.73	21.67	22
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	21.81	21.70	21.67	22

WWAN Reduce Power 2

LTE Band 2 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	MPH	Max. Turn-up (dB)	
		Channel	Frequency (MHz)	2000	2000	2000				
20M	QPSK	1	0	17.56	17.54	17.51	0	18.5		
		1	50	17.51	17.35	17.48	0	18.5		
		1	99	17.28	17.32	17.29	0	18.5		
		50	0	16.62	16.52	16.59	1	17.5		
		50	25	16.68	16.54	16.57	1	17.5		
	16QAM	50	50	16.53	16.45	16.56	1	17.5		
		100	0	16.65	16.48	16.58	1	17.5		
		1	0	16.66	16.60	16.63	1	17.5		
		1	50	16.63	16.53	16.60	1	17.5		
		1	99	16.66	16.52	16.55	1	17.5		
40QAM	16QAM	50	0	15.58	15.48	15.49	3	15.5		
		50	25	15.57	15.57	15.46	3	15.5		
		50	50	15.49	15.43	15.48	3	15.5		
		100	0	15.64	15.50	15.57	3	15.5		
		100	0	15.64	15.50	15.57	3	15.5		
	64QAM	1	0	15.61	15.56	15.59	3	15.5		
		1	50	15.58	15.52	15.49	2	16.5		
		1	100	15.65	15.49	15.62	2	16.5		
		1	0	15.65	15.59	15.66	2	16.5		
		1	99	16.37	16.35	16.44	2	16.5		
10M	QPSK	1	0	17.48	17.50	17.46	0	18.5		
		1	37	17.49	17.27	17.47	0	18.5		
		1	74	17.20	17.28	17.24	0	18.5		
		36	0	16.59	16.46	16.57	1	17.5		
		36	19	16.66	16.47	16.52	1	17.5		
	16QAM	36	39	16.47	16.37	16.54	1	17.5		
		75	0	16.64	16.57	16.38	1	17.5		
		1	0	16.59	16.52	16.57	1	17.5		
		1	37	16.60	16.47	16.58	1	17.5		
		1	74	16.64	16.48	16.58	1	17.5		
20M	QPSK	1	0	16.55	16.46	16.55	2	16.5		
		36	19	16.62	16.40	16.60	2	16.5		
		36	39	16.47	16.38	16.54	2	16.5		
		75	0	16.63	16.43	16.61	2	16.5		
		1	0	16.55	16.54	16.65	2	16.5		
	16QAM	1	37	16.54	16.47	16.37	2	16.5		
		1	74	16.20	16.28	16.42	2	16.5		
		36	0	15.57	15.44	15.46	3	15.5		
		36	19	15.54	15.56	15.40	3	15.5		
		36	39	15.45	15.38	15.46	3	15.5		
10M	QPSK	1	0	15.61	15.56	15.59	3	15.5		
		25	0	16.63	16.59	16.57	1	17.5		
		1	24	16.59	16.48	16.58	1	17.5		
		1	49	16.60	16.50	16.52	1	17.5		
		25	0	15.52	15.38	15.56	2	16.5		
	16QAM	25	12	16.56	16.44	16.56	2	16.5		
		25	25	15.45	15.46	15.47	2	16.5		
		50	0	16.54	15.44	15.62	2	16.5		
		1	24	16.53	16.42	16.37	2	16.5		
		1	49	16.51	16.27	16.42	2	16.5		
40QAM	QPSK	25	0	15.57	15.46	15.41	3	15.5		
		25	12	15.50	15.49	15.40	3	15.5		
		25	25	15.47	15.42	15.43	3	15.5		
		50	0	15.62	15.42	15.56	3	15.5		
		50	0	15.62	15.42	15.56	3	15.5		
	16QAM	1	0	17.50	17.52	17.45	0	18.5		
		1	12	17.44	17.30	17.46	0	18.5		
		1	24	17.22	17.25	17.24	0	18.5		
		12	0	16.55	16.47	16.57	1	17.5		
		12	6	16.60	16.52	16.51	1	17.5		
10M	QPSK	12	13	16.45	16.44	16.54	1	17.5		
		25	0	16.61	16.54	16.38	1	17.5		
		1	0	16.58	16.59	16.61	1	17.5		
		1	12	16.58	16.48	16.56	1	17.5		
		1	24	16.64	16.44	16.54	1	17.5		
	16QAM	12	0	16.64	16.42	16.52	2	16.5		
		12	6	16.51	16.42	16.51	2	16.5		
		12	13	16.46	16.45	16.45	2	16.5		
		25	0	15.59	15.41	15.60	2	16.5		
		1	0	16.59	16.47	16.59	2	16.5		
20M	QPSK	1	0	16.59	16.47	16.59	2	16.5		
		1	12	16.50	16.41	16.36	2	16.5		
		1	24	16.36	16.29	16.42	2	16.5		
		12	0	15.53	15.46	15.42	3	15.5		
		12	6	15.45	15.49	15.45	3	15.5		
	16QAM	12	13	15.41	15.39	15.43	3	15.5		
		25	0	15.62	15.42	15.56	3	15.5		
		25	0	15.62	15.42	15.56	3	15.5		
		25	0	15.62	15.42	15.56	3	15.5		
		25	0	15.62	15.42	15.56	3	15.5		
10M	QPSK	1	0	17.50	17.46	17.49	0	18.5		
		1	7	17.49	17.27	17.46	0	18.5		
		1	14	17.23	17.34	17.29	0	18.5		
		8	0	16.60	16.47	16.54	1	17.5		
		8	3	16.60	16.53	16.52	1	17.5		
	16QAM	8	7	16.49	16.40	16.55	1	17.5		
		15	0	16.49	16.47	16.41	1	17.5		
		1	0	16.59	16.55	16.61	1	17.5		
		1	7	16.55	16.51	16.55	1	17.5		
		1	14	16.64	16.44	16.53	1	17.5		
20M	QPSK	8	0	16.58	16.46	16.56	1	17.5		
		8	3	16.58	16.46	16.55	2	16.5		
		8	7	16.43	16.47	16.47	2	16.5		
		15	0	16.59	16.42	16.57	2	16.5		
		1	0	16.54	16.54	16.64	2	16.5		
	16QAM	1	7	16.47	16.47	16.36	2	16.5		
		1	14	16.29	16.34	16.42	2	16.5		
		8	0	15.54	15.43	15.41	3	15.5		
		8	3	15.49	15.36	15.44	3	15.5		
		8	7	15.45	15.38	15.40	3	15.5		
40QAM	QPSK	15	0	15.58	15.48	15.54	3	15.5		
		1	0	15.64	15.54	15.64	2	16.5		
		1	7	16.47	16.47	16.36	2	16.5		
		1	14	16.29	16.34	16.42	2	16.5		
		8	0	15.54	15.43	15.41	3	15.5		
	16QAM	8	3	15.49	15.36	15.44	3	15.5		
		8	7	15.45	15.38	15.40	3	15.5		
		15	0	15.58	15.48	15.54	3	15.5		
		1	0	15.64	15.54	15.64	2	16.5		
		1	7	16.47	16.47	16.36	2	16.5		
10M	QPSK	1	0	17.51	17.47	17.46	0	18.5		
		1	7	17.48	17.29	17.45	0	18.5		
		1	5	17.26	17.25	17.24	0	18.5		
		3	1	17.67	17.52	17.49	0	18.5		
		3	2	17.27	17.37	17.50	0	18.5		
	16QAM	6	0	16.64	16.53	16.44	1	17.5		
		1	0	16.61	16.53	16.58	1	17.5		
		1	2	16.61	16.45	16.58	1	17.5		
		1	5	16.61	16.44	16.54	1	17.5		
		3	1	16.50	16.41	16.52	1	17.5		
20M	QPSK	3	1	16.44	16.47	16.48	1	17.5		
		6	0	15.59	15.47	15.57	2	16.5		
		1	0	15.54	15.54	16.64	2	16.5		
		1	2	16.47	16.47	16.37	2	16.5		
		1	5	16.38	16.27	16.42	2	16.5		
	16QAM	3	0	16.50	16.42	16.46	2	16.5		
		3	1	16.51	16.55	16.60	2	16.5		
		3	2	16.44	16.36	16.47	2	16.5		
		6	0	15.60	15.45	15.52	3	15.5		
		6	0	15.60	15.45	15.52	3	15.5		

LTE Band 25 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max. Power	Tune-up
		Channel	Frequency (MHz)	1800	2630	2650	MPR	Time-up	
20M	QPSK	1	0	17.66	17.58	17.63	0	18.5	18.5
		1	50	17.59	17.55	17.46	0	18.5	
		1	99	17.52	17.38	17.45	0	18.5	
		50	0	16.64	16.64	16.63	1	17.5	
		50	25	16.74	16.72	16.69	1	17.5	
	16QAM	100	0	16.66	16.62	16.67	1	17.5	17.5
		1	0	17.06	16.92	17.03	1	17.5	
		1	50	16.70	16.76	16.71	1	17.5	
		1	99	16.78	16.70	16.75	1	17.5	
		50	0	15.73	15.63	15.54	2	16.5	
20M	16QAM	50	25	15.66	15.70	15.65	2	16.5	16.5
		50	50	15.70	15.58	15.59	2	16.5	
		100	0	16.66	16.59	16.68	2	16.5	
		1	0	16.96	16.92	16.77	2	16.5	
		1	50	16.59	16.55	16.56	2	16.5	
	64QAM	1	99	16.68	16.68	16.59	2	16.5	16.5
		50	0	15.69	15.55	15.65	3	15.5	
		50	25	15.66	15.70	15.65	3	15.5	
		50	50	15.69	15.55	15.66	3	15.5	
		100	0	15.64	15.64	15.71	3	15.5	
30M	QPSK	Channel	Frequency (MHz)	1807.5	2630	2650	SCPP	Max.	Tune-up
		1	0	17.60	17.53	17.62	0	18.5	18.5
		1	37	17.58	17.53	17.41	0	18.5	
		1	74	17.44	17.31	17.43	0	18.5	
		36	19	16.71	16.71	16.60	1	17.5	
	16QAM	36	36	16.60	16.56	16.61	1	17.5	
		75	0	16.60	16.70	16.64	1	17.5	
		1	0	17.04	16.84	17.02	1	17.5	
		1	37	16.62	16.72	16.66	1	17.5	
		1	74	16.76	16.73	16.66	1	17.5	
30M	16QAM	36	0	15.72	15.58	15.46	2	16.5	16.5
		36	19	15.60	15.67	15.61	2	16.5	
		36	39	15.68	15.51	15.54	2	16.5	
		75	0	15.59	15.51	15.66	2	16.5	
		1	0	16.95	16.90	16.69	2	16.5	
	64QAM	1	37	16.52	16.47	16.50	2	16.5	16.5
		1	74	16.66	16.67	16.55	2	16.5	
		36	0	15.67	15.47	15.05	3	15.5	
		36	19	15.60	15.67	15.61	3	15.5	
		36	39	15.67	15.57	15.69	3	15.5	
30M	QPSK	Channel	Frequency (MHz)	2609	2630	2640	SCPP	Max.	Tune-up
		1	0	17.60	17.50	17.61	0	18.5	18.5
		1	24	17.44	17.33	17.38	0	18.5	
		1	49	17.46	17.30	17.39	0	18.5	
		25	0	16.69	16.58	16.61	1	17.5	
	16QAM	25	12	16.72	16.66	16.64	1	17.5	
		50	0	16.98	16.52	16.61	1	17.5	
		50	25	16.64	16.64	16.66	1	17.5	
		1	0	16.88	16.88	16.98	1	17.5	
		1	24	16.69	16.66	16.70	1	17.5	
30M	16QAM	1	49	16.70	16.66	16.70	1	17.5	17.5
		50	0	15.70	15.57	15.52	2	16.5	
		25	12	15.64	15.63	15.60	2	16.5	
		25	25	15.64	15.50	15.57	2	16.5	
		50	0	15.64	15.57	15.60	2	16.5	
	64QAM	1	0	16.91	16.84	16.71	2	16.5	16.5
		1	24	16.58	16.49	16.54	2	16.5	
		1	49	16.62	16.60	16.57	2	16.5	
		25	0	15.61	15.51	15.61	3	15.5	
		25	12	15.63	15.64	15.63	3	15.5	
30M	QPSK	Channel	Frequency (MHz)	2609.5	2630	2640.5	SCPP	Max.	Tune-up
		1	0	17.60	17.50	17.55	0	18.5	18.5
		1	12	17.55	17.50	17.45	0	18.5	
		1	24	17.46	17.36	17.40	0	18.5	
		12	0	16.65	16.59	16.61	1	17.5	
	16QAM	12	6	16.66	16.70	16.64	1	17.5	
		12	13	16.62	16.52	16.61	1	17.5	
		25	0	16.58	16.66	16.59	1	17.5	
		1	0	17.00	16.90	16.97	1	17.5	
		1	12	16.63	16.71	16.69	1	17.5	
30M	16QAM	1	24	16.72	16.63	16.70	1	17.5	17.5
		12	0	15.66	15.58	15.52	2	16.5	
		12	6	15.59	15.68	15.59	2	16.5	
		12	13	15.62	15.57	15.57	2	16.5	
		25	0	15.61	15.54	15.60	2	16.5	
	64QAM	1	0	16.88	16.81	16.75	2	16.5	16.5
		1	12	16.55	16.50	16.48	2	16.5	
		1	24	16.62	16.66	16.56	2	16.5	
		12	0	15.61	15.53	15.61	3	15.5	
		12	6	15.59	15.66	15.63	3	15.5	
30M	QPSK	Channel	Frequency (MHz)	2609.5	2630	2640.5	SCPP	Max.	Tune-up
		1	0	17.60	17.51	17.58	0	18.5	18.5
		1	7	17.52	17.50	17.44	0	18.5	
		1	14	17.44	17.36	17.39	0	18.5	
		8	0	16.64	16.63	16.61	1	17.5	
	16QAM	8	3	16.70	16.67	16.61	1	17.5	
		8	7	16.56	16.59	16.61	1	17.5	
		15	0	16.61	16.67	16.64	1	17.5	
		1	0	17.04	16.84	17.02	1	17.5	
		1	7	16.62	16.72	16.66	1	17.5	
30M	16QAM	1	14	16.75	16.64	16.73	1	17.5	17.5
		8	0	15.71	15.56	15.49	2	16.5	
		8	3	15.60	15.62	15.63	2	16.5	
		8	7	15.69	15.56	15.51	2	16.5	
		15	0	15.60	15.51	15.62	2	16.5	
	64QAM	1	0	16.95	16.66	16.75	2	16.5	16.5
		1	7	16.54	16.53	16.49	2	16.5	
		1	14	16.66	16.60	16.58	2	16.5	
		8	0	15.61	15.51	15.61	3	15.5	
		8	3	15.64	15.62	15.64	3	15.5	
30M	QPSK	Channel	Frequency (MHz)	2609.7	2630	2640.3	SCPP	Max.	Tune-up
		1	0	17.65	17.55	17.55	0	18.5	18.5
		1	2	17.54	17.47	17.40	0	18.5	
		1	5	17.51	17.32	17.43	0	18.5	
		3	0	17.67	17.57	17.58	0	18.5	
	16QAM	3	1	17.72	17.64	17.67	0	18.5	
		3	3	17.59	17.52	17.62	0	18.5	
		6	0	16.62	16.67	16.62	1	17.5	
		1	0	16.98	16.91	16.98	1	17.5	
		1	2	16.66	16.71	16.70	1	17.5	
30M	16QAM	1	5	16.72	16.68	16.70	1	17.5	17.5
		3	0	16.66	16.58	16.52	1	17.5	
		3	1	16.58	16.68	16.60	1	17.5	
		3	3	16.68	16.50	16.57	1	17.5	
		6	0	15.57	15.53	15.60	2	16.5	
	64QAM	1	0	16.90	16.90	16.71	2	16.5	16.5
		1	2	16.54	16.47	16.55	2	16.5	
		1	5	16.64	16.63	16.54	2	16.5	
		3	0	15.61	15.49	15.58	2	16.5	
		3	1	16.64	16.62	16.63	2	16.5	
30M	QPSK	Channel	Frequency (MHz)	2609.7	2630	2640.3	SCPP	Max.	Tune-up
		1	0	17.65	17.55	17.55	0	18.5	18.5
		1	2	17.54	17.47	17.40	0	18.5	
		1	5	17.51	17.32	17.43	0	18.5	
		3	0	17.67	17.57	17.58	0	18.5	
	16QAM	3	1	17.72	17.64	17.67	0	18.5	
		3	3	17.59	17.52	17.62	0	18.5	
		6	0	16.62	16.67	16.62	1	17.5	
		1	0	16.98	16.91	16.98	1	17.5	
		1	2	16.66	16.71	16.70	1	17.5	
30M	16QAM	1	5	16.72	16.68	16.70	1	17.5	17.5
		3	0	16.66	16.58	16.52	1	17.5	
		3	1	16.58	16.68	16.60	1	17.5	
		3	3	16.68	16.50	16.57	1	17.5	
		6	0	15.57	15.53	15.60	2	16.5	
	64QAM	1	0	16.90	16.90	16.71	2	16.5	16.5
		1	2	16.54	16.47	16.55	2	16.5	
		1	5	16.64	16.63	16.54	2	16.5	
		3	0	15.61	15.49	15.58	2	16.5	
		3	1	16.64	16.62	16.63	2	16.5	

LTE Band 41 (2496 ~ 2690MHz) (Ant1)											
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR	Max. Tune-up	
		Channel Frequency (MHz)	2496	2496.5	2497	2498.5	2499	2500	0dB	1dB	3dB
20M	QPSK	1	0	18.40	18.52	18.30	18.02	18.01	0	19.5	
		1	50	18.40	18.38	18.25	17.84	18.00	0	19.5	
		1	99	18.40	18.50	18.29	17.98	17.96	0	19.5	
		50	0	17.44	17.45	17.36	16.96	17.07	1	18.5	
		50	25	17.56	17.53	17.37	17.06	17.08	1	18.5	
		50	50	17.43	17.45	17.39	17.05	17.08	1	18.5	
	16QAM	100	0	17.57	17.56	17.34	16.94	17.02	1	18.5	
		1	0	17.27	17.31	17.11	16.82	16.88	1	18.5	
		1	50	17.21	17.20	17.10	16.69	16.77	1	18.5	
		1	99	17.23	17.25	17.09	16.81	16.77	1	18.5	
		50	0	16.60	16.36	16.31	15.90	15.99	2	17.5	
		50	25	16.43	16.44	16.33	15.98	16.00	2	17.5	
64QAM	50	50	16.42	16.46	16.32	16.03	16.02	2	17.5		
	100	0	16.63	16.54	16.44	16.04	16.08	2	17.5		
	1	0	17.39	17.49	17.35	17.02	17.08	2	17.5		
	1	50	17.41	17.36	17.26	16.91	16.88	2	17.5		
	1	99	17.42	17.38	17.29	16.96	17.01	2	17.5		
	50	0	16.42	16.42	16.25	15.92	15.97	3	16.5		
15M	QPSK	50	25	16.53	16.54	16.33	16.11	16.12	3	16.5	
		50	50	16.48	16.49	16.31	15.99	16.09	3	16.5	
		100	0	16.61	16.53	16.47	16.14	16.13	3	16.5	
		1	0	17.39	17.49	17.35	17.02	17.08	2	17.5	
		1	50	17.41	17.36	17.26	16.91	16.88	2	17.5	
		1	99	17.42	17.38	17.29	16.96	17.01	2	17.5	
	16QAM	50	25	16.53	16.54	16.33	16.11	16.12	3	16.5	
		50	50	16.48	16.49	16.31	15.99	16.09	3	16.5	
		100	0	16.61	16.53	16.47	16.14	16.13	3	16.5	
		1	0	17.39	17.49	17.35	17.02	17.08	2	17.5	
		1	50	17.41	17.36	17.26	16.91	16.88	2	17.5	
		1	99	17.42	17.38	17.29	16.96	17.01	2	17.5	
10M	QPSK	36	0	17.38	17.40	17.36	16.91	17.06	1	18.5	
		36	19	17.55	17.51	17.30	17.05	17.01	1	18.5	
		36	39	17.56	17.58	17.37	17.06	17.06	1	18.5	
		75	0	17.56	17.52	17.31	17.02	17.05	1	18.5	
		1	0	17.24	17.30	17.06	16.75	16.86	1	18.5	
		1	37	17.17	17.15	17.08	16.61	16.70	1	18.5	
	16QAM	1	74	17.17	17.23	17.06	16.73	16.78	1	18.5	
		36	0	16.38	16.27	16.30	15.86	15.98	2	17.5	
		36	19	16.35	16.40	16.28	15.92	15.95	2	17.5	
		36	39	16.39	16.40	16.20	15.83	16.00	2	17.5	
		75	0	16.60	16.49	16.33	15.96	16.02	2	17.5	
		1	0	17.33	17.46	17.36	16.99	17.07	2	17.5	
5M	QPSK	1	37	17.39	17.29	17.20	16.90	16.80	2	17.5	
		1	74	17.36	17.30	17.27	16.90	17.00	2	17.5	
		36	0	16.41	16.40	16.17	15.89	15.94	3	16.5	
		36	19	16.46	16.46	16.27	15.92	16.06	3	16.5	
		75	0	16.59	16.45	16.36	16.01	16.10	3	16.5	
		75	0	16.59	16.45	16.36	16.01	16.10	3	16.5	
	16QAM	Channel Frequency (MHz)	2496.5	2496.5	2497	2498.5	2499	2500	3GPP MPR	Max. Tune-up	
		1	0	18.40	18.48	18.25	17.95	17.93	0	19.5	
		1	24	18.38	18.30	18.24	17.76	17.98	0	19.5	
		1	49	18.34	18.46	18.24	17.96	17.88	0	19.5	
		25	0	17.41	17.39	17.34	16.87	17.04	1	18.5	
		25	12	17.54	17.46	17.30	17.00	17.06	1	18.5	
10M	QPSK	25	25	17.37	17.37	17.27	17.04	17.03	1	18.5	
		50	0	17.56	17.54	17.26	17.00	17.08	1	18.5	
		1	0	17.20	17.23	17.05	16.80	16.83	1	18.5	
		1	24	17.18	17.14	17.08	16.64	16.75	1	18.5	
		1	49	17.21	17.18	17.04	16.79	16.69	1	18.5	
		25	0	16.34	16.27	16.29	15.82	15.93	2	17.5	
	16QAM	25	12	16.41	16.36	16.32	15.95	15.94	2	17.5	
		25	25	16.34	16.42	16.27	16.01	15.95	2	17.5	
		50	0	16.58	16.46	16.40	15.98	16.00	2	17.5	
		1	0	17.31	17.45	17.26	17.00	17.06	2	17.5	
		1	24	17.38	17.30	17.23	16.83	16.80	2	17.5	
		1	49	17.40	17.31	17.24	16.94	16.95	2	17.5	
5M	QPSK	25	0	16.36	16.34	16.23	15.84	15.90	3	16.5	
		25	12	16.52	16.52	16.25	16.08	16.09	3	16.5	
		25	25	16.43	16.41	16.25	15.94	16.07	3	16.5	
		50	0	16.60	16.47	16.45	16.12	16.07	3	16.5	
		50	25	16.49	16.49	16.30	16.00	16.07	3	16.5	
		100	0	16.63	16.54	16.44	16.04	16.08	2	17.5	
	16QAM	Channel Frequency (MHz)	2496.5	2496.5	2497	2498.5	2499	2500	3GPP MPR	Max. Tune-up	
		1	0	18.43	18.46	18.25	17.97	17.95	0	19.5	
		1	12	18.38	18.30	18.23	17.80	17.93	0	19.5	
		1	24	18.37	18.42	18.28	17.90	17.90	0	19.5	
		12	0	17.40	17.40	17.31	16.91	17.00	1	18.5	
		12	6	17.48	17.52	17.30	17.00	17.00	1	18.5	
5M	QPSK	12	13	17.38	17.40	17.38	16.98	17.02	1	18.5	
		25	0	17.51	17.54	17.29	16.97	17.08	1	18.5	
		1	0	17.20	17.26	17.06	16.74	16.83	1	18.5	
		1	12	17.13	17.18	17.06	16.68	16.76	1	18.5	
		1	24	17.21	17.17	17.07	16.73	16.72	1	18.5	
		12	0	16.32	16.29	16.23	15.86	15.97	2	17.5	
	16QAM	12	6	16.37	16.42	16.27	15.92	15.95	2	17.5	
		12	13	16.35	16.41	16.30	16.02	16.00	2	17.5	
		25	0	16.55	16.47	16.36	15.99	16.07	2	17.5	
		1	0	17.32	17.44	17.28	16.97	17.03	2	17.5	
		1	12	17.23	17.34	17.19	16.90	16.83	2	17.5	
		1	24	17.34	17.37	17.27	16.91	17.00	2	17.5	
64QAM	12	0	16.38	16.37	16.17	15.90	15.95	3	16.5		
	12	6	16.46	16.53	16.31	16.06	16.07	3	16.5		
	12	13	16.44	16.44	16.23	15.97	16.05	3	16.5		
	25	0	16.55	16.51	16.44	16.06	16.05	3	16.5		
	25	0	16.55	16.51	16.44	16.06	16.05	3	16.5		
	25	0	16.55	16.51	16.44	16.06	16.05	3	16.5		

LTE Band 42 Part2Q (Ant7)											
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dB)			
		Channel Frequency (MHz)	4215	4215.5	4216	4216.5					
20M	QPSK	1	0	17.81	17.66	17.79	0	19			
		1	50	17.78	17.57	17.74	0	19			
		1	99	17.74	17.57	17.78	0	19			
		50	0	16.87	16.83	16.85	1	18			
		50	25	16.78	16.81	16.80	1	18			
		50	50	16.84	16.71	16.83	1	18			
		100	0	16.86	16.83	16.86	1	18			
		1	0	16.41	16.34	16.47	1	18			
		1	50	16.27	16.28	16.29	1	18			
		1	99	16.41	16.18	16.37	1	18			
		50	0	15.74	15.67	15.70	2	17			
		50	25	15.80	15.77	15.76	2	17			
	16QAM	50	50	15.75	15.68	15.81	2	17			
		100	0	15.86	15.79	15.90	2	17			
		1	0	15.49	15.42	15.55	2	17			
		1	50	15.38	15.39	15.38	2	17			
		1	99	15.37	15.40	15.45	2	17			
		50	0	14.81	14.78	14.79	3	16			
		50	25	14.87	14.90	14.95	3	16			
		50	50	14.89	14.76	14.77	3	16			
		100	0	14.97	14.84	14.89	3	16			
30M	QPSK	Channel Frequency (MHz)	4215	4215.5	4216	4216.5	3GPP MPR (dB)	Max. Tune-up (dB)			
		1	0	17.76	17.59	17.74	0				
		1	37	17.76	17.47	17.72	0	19			
		1	74	17.69	17.40	17.77	0	19			
		36	0	16.83	16.78	16.8	1	18			
		36	19	16.70	16.80	16.81	1	18			
		36	38	16.86	16.82	16.86	1	18			
		75	0	16.80	16.81	16.79	1	18			
		75	0	16.34	16.29	16.45	1	18			
		75	37	16.39	16.35	16.44	1	18			
		1	74	16.39	16.10	16.35	1	18			
		16QAM	36	0	15.66	15.61	15.62	2	17		
	36		19	15.74	15.75	15.70	2	17			
	36		38	15.68	15.63	15.69	2	17			
	75		0	15.66	15.72	15.65	2	17			
	1		0	15.42	15.37	15.53	2	17			
	1		37	15.30	15.37	15.32	2	17			
	1		74	15.29	15.39	15.43	2	17			
	36		0	14.87	14.73	14.71	3	16			
	36		19	14.79	14.69	14.62	3	16			
	40M	QPSK	Channel Frequency (MHz)	4215	4215.5	4216	4216.5	3GPP MPR (dB)	Max. Tune-up (dB)		
1			0	17.77	17.61	17.74	0	19			
1			24	17.77	17.54	17.69	0	19			
1			49	17.70	17.52	17.77	0	19			
1			75	17.61	17.41	17.60	1	18			
25			12	16.71	16.76	16.78	1	18			
25			25	16.70	16.69	16.71	1	18			
50			0	16.84	16.75	16.82	1	18			
1			0	16.33	16.28	16.29	1	18			
1			24	16.21	16.26	16.23	1	18			
1			49	16.34	16.31	16.35	1	18			
16QAM			25	0	15.68	15.60	15.65	2	17		
		25	12	15.73	15.72	15.74	2	17			
		25	25	15.67	15.66	15.75	2	17			
		50	0	15.84	15.79	15.82	2	17			
		1	0	15.45	15.37	15.47	2	17			
		1	24	15.30	15.38	15.26	2	17			
		1	49	15.33	15.35	15.37	2	17			
		50	0	14.88	14.76	14.76	3	16			
		25	12	14.79	14.89	14.83	3	16			
60M		QPSK	Channel Frequency (MHz)	4215	4215.5	4216	4216.5	3GPP MPR (dB)	Max. Tune-up (dB)		
	1		0	17.79	17.59	17.74	0	19			
	1		12	17.76	17.47	17.73	0	19			
	1		24	17.66	17.47	17.73	0	19			
	12		0	16.84	16.77	16.83	1	18			
	12		6	16.76	16.74	16.75	1	18			
	12		13	16.76	16.74	16.81	1	18			
	25		0	16.85	16.81	16.76	1	18			
	1		0	16.34	16.26	16.41	1	18			
	1		12	16.24	16.22	16.27	1	18			
	1		24	16.39	16.36	16.32	1	18			
	16QAM		12	0	15.68	15.59	15.68	2	17		
		12	6	15.78	15.69	15.75	2	17			
		12	13	15.67	15.75	15.76	2	17			
		25	0	15.90	15.71	15.89	2	17			
		1	0	15.41	15.38	15.50	2	17			
		1	12	15.38	15.31	15.36	2	17			
		1	24	15.39	15.33	15.39	2	17			
		12	0	14.85	14.70	14.77	3	16			
		12	6	14.86	14.88	14.87	3	16			
	80M	QPSK	Channel Frequency (MHz)	4215	4215.5	4216	4216.5	3GPP MPR (dB)	Max. Tune-up (dB)		
1			0	17.79	17.59	17.74	0	19			
1			12	17.76	17.47	17.73	0	19			
1			24	17.66	17.47	17.73	0	19			
12			0	16.84	16.77	16.83	1	18			
12			6	16.76	16.74	16.75	1	18			
12			13	16.76	16.74	16.81	1	18			
25			0	16.85	16.81	16.76	1	18			
1			0	16.34	16.26	16.41	1	18			
1			12	16.24	16.22	16.27	1	18			
1			24	16.39	16.36	16.32	1	18			
16QAM			12	0	15.68	15.59	15.68	2	17		
		12	6	15.78	15.69	15.75	2	17			
		12	13	15.67	15.75	15.76	2	17			
		25	0	15.90	15.71	15.89	2	17			
		1	0	15.41	15.38	15.50	2	17			
		1	12	15.38	15.31	15.36	2	17			
		1	24	15.39	15.33	15.39	2	17			
		12	0	14.85	14.70	14.77	3	16			
		12	6	14.86	14.88	14.87	3	16			
100M		QPSK	Channel Frequency (MHz)	4215	4215.5	4216	4216.5	3GPP MPR (dB)	Max. Tune-up (dB)		
	1		0	17.79	17.59	17.74	0	19			
	1		12	17.76	17.47	17.73	0	19			
	1		24	17.66	17.47	17.73	0	19			
	12		0	16.84	16.77	16.83	1	18			
	12		6	16.76	16.74	16.75	1	18			
	12		13	16.76	16.74	16.81	1	18			
	25		0	16.85	16.81	16.76	1	18			
	1		0	16.34	16.26	16.41	1	18			
	1		12	16.24	16.22	16.27	1	18			
	1		24	16.39	16.36	16.32	1	18			
	16QAM		12	0	15.68	15.59	15.68	2	17		
		12	6	15.78	15.69	15.75	2	17			
		12	13	15.67	15.75	15.76	2	17			
		25	0	15.90	15.71	15.89	2	17			
		1	0	15.41	15.38	15.50	2	17			
		1	12	15.38	15.31	15.36	2	17			
		1	24	15.39	15.33	15.39	2	17			
		12	0	14.85	14.70	14.77	3	16			
		12	6	14.86	14.88	14.87	3	16			

LTE Band 43 (Ant7)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequency (MHz)		3610	3650	3690		
20M	QPSK	1	0	18.03	18.26	18.24	0	19
		1	50	17.95	18.10	18.00	0	19
		1	99	17.83	18.08	17.86	0	19
		50	0	16.87	17.06	17.00	1	18
		50	25	16.97	17.15	17.03	1	18
		50	50	16.89	16.98	17.00	1	18
		100	0	16.84	17.13	16.99	1	18
		1	0	17.03	17.18	17.14	1	18
	16QAM	1	50	16.87	17.00	16.82	1	18
		1	99	16.83	17.10	16.96	1	18
		50	0	15.92	16.03	15.95	2	17
		50	25	15.83	16.00	16.00	2	17
		50	50	15.87	16.06	15.82	2	17
		100	0	15.91	16.10	16.02	2	17
		1	0	15.79	16.02	15.84	2	17
		1	50	15.67	15.76	15.78	2	17
	64QAM	1	99	15.60	15.83	15.65	2	17
		50	0	14.99	15.18	14.94	3	16
		50	25	14.87	15.04	15.04	3	16
		50	50	14.95	15.08	14.90	3	16
		100	0	14.91	15.10	15.04	3	16
15M	QPSK	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3607.5	3650	3692.5		
		1	0	17.95	18.19	18.22	0	19
		1	37	17.94	18.06	17.97	0	19
		1	74	17.80	18.07	17.80	0	19
		36	0	16.83	17.01	16.98	1	18
		36	19	16.91	17.13	17.00	1	18
		36	39	16.87	16.90	16.99	1	18
	16QAM	75	0	16.76	17.09	16.94	1	18
		1	0	17.00	17.12	17.12	1	18
		1	37	16.86	16.95	16.74	1	18
		1	74	16.77	17.07	16.92	1	18
		36	0	15.90	15.96	15.90	2	17
		36	19	15.77	15.92	15.98	2	17
		36	39	15.86	16.04	15.74	2	17
		75	0	15.84	16.02	15.96	2	17
	64QAM	1	0	15.77	16.01	15.80	2	17
		1	37	15.65	15.68	15.77	2	17
		1	74	15.58	15.82	15.61	2	17
		36	0	14.98	15.16	14.86	3	16
		36	19	14.81	14.96	15.02	3	16
		36	39	14.94	15.03	14.82	3	16
		75	0	14.87	15.05	15.02	3	16
10M	QPSK	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3605	3650	3695		
		1	0	17.95	18.22	18.19	0	19
		1	24	17.92	18.04	17.98	0	19
		1	49	17.81	18.01	17.81	0	19
		25	0	16.81	16.98	16.98	1	18
		25	12	16.96	17.13	16.95	1	18
		25	25	16.82	16.90	16.94	1	18
	16QAM	50	0	16.81	17.07	16.97	1	18
		1	0	17.01	17.11	17.09	1	18
		1	24	16.81	16.92	16.80	1	18
		1	49	16.81	17.02	16.95	1	18
		25	0	15.84	15.99	15.90	2	17
		25	12	15.81	15.92	15.99	2	17
		25	25	15.79	16.02	15.77	2	17
		50	0	15.88	16.04	16.00	2	17
	64QAM	1	0	15.77	15.95	15.79	2	17
		1	24	15.61	15.68	15.76	2	17
		1	49	15.59	15.81	15.57	2	17
		25	0	14.94	15.10	14.88	3	16
		25	12	14.86	14.98	15.02	3	16
		25	25	14.92	15.02	14.88	3	16
		50	0	14.83	15.06	14.99	3	16
5M	QPSK	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3602.5	3650	3697.5		
		1	0	17.98	18.19	18.19	0	19
		1	12	17.93	18.02	17.98	0	19
		1	24	17.75	18.07	17.81	0	19
		12	0	16.83	17.01	16.99	1	18
		12	6	16.91	17.13	16.98	1	18
		12	13	16.82	16.93	16.98	1	18
	16QAM	25	0	16.76	17.11	16.94	1	18
		1	0	17.01	17.10	17.12	1	18
		1	12	16.79	16.94	16.74	1	18
		1	24	16.77	17.08	16.90	1	18
		12	0	15.85	15.98	15.93	2	17
		12	6	15.77	15.93	15.95	2	17
		12	13	15.80	16.01	15.80	2	17
		25	0	15.83	16.08	15.96	2	17
	64QAM	1	0	15.71	16.01	15.82	2	17
		1	12	15.63	15.71	15.70	2	17
		1	24	15.52	15.82	15.63	2	17
		12	0	14.95	15.13	14.86	3	16
		12	6	14.81	15.02	15.01	3	16
		12	13	14.88	15.03	14.88	3	16
		25	0	14.83	15.08	14.99	3	16

LTE Band 48 (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		55340	55830	56150	56640			
		Frequency (MHz)		3560	3609	3641	3690			
20M	QPSK	1	0	17.87	18.02	18.21	18.26	0	19	
		1	50	17.83	17.92	18.19	18.23	0	19	
		1	99	17.66	17.95	18.06	18.10	0	19	
		50	0	16.90	17.05	17.26	17.30	1	18	
		50	25	16.84	16.95	17.12	17.16	1	18	
		50	50	16.74	16.91	17.16	17.20	1	18	
		100	0	16.86	17.05	17.06	17.10	1	18	
	16QAM	1	0	16.64	16.83	17.00	17.04	1	18	
		1	50	16.70	16.85	17.06	17.10	1	18	
		1	99	16.69	16.80	16.97	17.01	1	18	
		50	0	15.80	15.97	16.22	16.16	2	17	
		50	25	15.84	15.93	16.20	16.16	2	17	
		50	50	15.69	15.98	16.09	16.19	2	17	
		100	0	15.86	15.95	16.22	16.26	2	17	
	64QAM	1	0	15.55	15.84	15.95	15.99	2	17	
		1	50	15.61	15.76	15.97	16.03	2	17	
		1	99	15.59	15.70	15.87	15.91	2	17	
		50	0	14.76	14.93	15.18	15.22	3	16	
		50	25	14.82	15.01	15.02	15.06	3	16	
		50	50	14.71	14.86	15.03	15.09	3	16	
		100	0	14.83	14.94	15.15	15.19	3	16	
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3557.5	3608	3642	3692.5			
15M	QPSK	1	0	17.79	17.98	18.16	18.21	0	19	
		1	37	17.81	17.84	18.18	18.22	0	19	
		1	74	17.58	17.91	18.01	18.05	0	19	
		36	0	16.87	16.99	17.24	17.28	1	18	
		36	19	16.82	16.88	17.07	17.11	1	18	
		36	39	16.68	16.83	17.14	17.18	1	18	
		75	0	16.85	17.03	16.98	17.02	1	18	
	16QAM	1	0	16.57	16.75	16.94	16.98	1	18	
		1	37	16.67	16.79	17.04	17.08	1	18	
		1	74	16.67	16.73	16.92	16.96	1	18	
		36	0	15.74	15.89	16.20	16.09	2	17	
		36	19	15.82	15.85	16.19	16.11	2	17	
		36	39	15.61	15.94	16.04	16.17	2	17	
		75	0	15.84	15.87	16.21	16.25	2	17	
	64QAM	1	0	15.47	15.80	15.90	15.94	2	17	
		1	37	15.58	15.70	15.95	16.02	2	17	
		1	74	15.57	15.63	15.82	15.86	2	17	
		36	0	14.70	14.85	15.16	15.20	3	16	
		36	19	14.81	14.99	14.94	14.98	3	16	
		36	39	14.66	14.78	14.97	15.04	3	16	
		75	0	14.82	14.88	15.13	15.17	3	16	
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3555	3607.5	3642.5	3695			
10M	QPSK	1	0	17.82	17.95	18.16	18.21	0	19	
		1	24	17.81	17.84	18.17	18.22	0	19	
		1	49	17.61	17.87	18.05	18.05	0	19	
		25	0	16.86	17.00	17.21	17.28	1	18	
		25	12	16.76	16.94	17.07	17.11	1	18	
		25	25	16.70	16.86	17.15	17.18	1	18	
		50	0	16.80	17.03	17.01	17.02	1	18	
	16QAM	1	0	16.57	16.78	16.98	16.98	1	18	
		1	24	16.62	16.83	17.01	17.08	1	18	
		1	49	16.67	16.72	16.95	16.96	1	18	
		25	0	15.72	15.91	16.14	16.09	2	17	
		25	12	15.78	15.91	16.14	16.11	2	17	
		25	25	15.62	15.93	16.07	16.17	2	17	
		50	0	15.80	15.88	16.17	16.25	2	17	
	64QAM	1	0	15.48	15.79	15.93	15.94	2	17	
		1	24	15.53	15.74	15.91	16.02	2	17	
		1	49	15.51	15.69	15.85	15.86	2	17	
		25	0	14.72	14.88	15.10	15.20	3	16	
		25	12	14.74	15.00	15.00	14.98	3	16	
		25	25	14.67	14.61	14.95	15.04	3	16	
		50	0	14.77	14.92	15.12	15.17	3	16	
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3552.5	3607	3643	3697.5			
5M	QPSK	1	0	17.81	18.00	18.15	18.21	0	19	
		1	12	17.76	17.87	18.17	18.22	0	19	
		1	24	17.60	17.88	18.01	18.05	0	19	
		12	0	16.83	17.00	17.24	17.28	1	18	
		12	6	16.76	16.93	17.06	17.11	1	18	
		12	13	16.66	16.90	17.14	17.18	1	18	
		25	0	16.82	17.00	16.98	17.02	1	18	
	16QAM	1	0	16.56	16.82	16.98	16.98	1	18	
		1	12	16.65	16.80	17.02	17.08	1	18	
		1	24	16.67	16.72	16.96	16.96	1	18	
		12	0	15.72	15.93	16.17	16.09	2	17	
		12	6	15.81	15.87	16.18	16.11	2	17	
		12	13	15.67	15.91	16.04	16.17	2	17	
		25	0	15.80	15.87	16.20	16.25	2	17	
	64QAM	1	0	15.54	15.82	15.87	15.94	2	17	
		1	12	15.56	15.68	15.91	16.02	2	17	
		1	24	15.58	15.64	15.85	15.86	2	17	
		12	0	14.71	14.91	15.11	15.20	3	16	
		12	6	14.80	14.93	15.01	14.98	3	16	
		12	13	14.63	14.82	14.98	15.04	3	16	
		25	0	14.81	14.86	15.14	15.17	3	16	

LTE Band 66 (Ant1)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	
		Channel		12072	12222	12372		
		Frequency (MHz)		2720	2745	2770		
20M	QPSK	1	0	17.74	17.90	17.94	0	18.5
		1	50	17.90	18.02	18.20	0	18.5
		1	99	18.01	18.07	18.23	0	18.5
		50	0	17.69	17.21	17.39	1	17.5
		50	25	17.06	17.26	17.30	1	17.5
		50	50	17.10	17.32	17.42	1	17.5
		100	0	17.12	17.18	17.24	1	17.5
		1	0	17.40	17.82	17.72	1	17.5
		1	50	17.27	17.35	17.49	1	17.5
		1	99	17.48	17.44	17.70	1	17.5
	16QAM	50	0	16.12	16.28	16.38	2	16.5
		50	25	16.15	16.17	16.37	2	16.5
		50	50	16.18	16.16	16.32	2	16.5
		100	0	16.11	16.15	16.39	2	16.5
		1	0	17.51	17.57	17.57	2	16.5
		1	50	17.20	17.22	17.38	2	16.5
		1	99	17.45	17.43	17.63	2	16.5
		50	0	16.19	16.33	16.35	3	15.5
		50	25	16.18	16.12	16.38	3	15.5
		50	50	16.06	16.22	16.32	3	15.5
	64QAM	100	0	16.20	16.16	16.42	3	15.5
10M	QPSK	Channel		12047	12222	12397	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2715	2745	2775		
		1	0	17.68	17.28	17.38	0	18.5
		1	37	17.83	17.97	18.18	0	18.5
		1	74	17.95	18.00	18.18	0	18.5
		36	0	17.02	17.16	17.37	1	17.5
		36	19	16.98	17.24	17.24	1	17.5
		36	36	17.02	17.31	17.40	1	17.5
		75	0	17.08	17.13	17.16	1	17.5
		1	0	17.32	17.61	17.70	1	17.5
	16QAM	1	37	17.22	17.30	17.45	1	17.5
		1	74	17.46	17.36	17.69	1	17.5
		36	0	16.04	16.24	16.33	2	16.5
		36	19	16.12	16.11	16.39	2	16.5
		36	36	16.16	16.09	16.27	2	16.5
		75	0	16.05	16.07	16.37	2	16.5
		1	0	17.50	17.55	17.49	2	16.5
		1	37	17.15	17.14	17.32	2	16.5
		1	74	17.44	17.37	17.61	2	16.5
	64QAM	36	0	16.14	16.31	16.28	3	15.5
		36	19	16.14	16.04	16.37	3	15.5
		36	36	15.98	16.18	16.27	3	15.5
		75	0	16.18	16.08	16.41	3	15.5
10M	QPSK	Channel		12022	12222	12322	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2715	2745	2778		
		1	0	17.71	17.84	17.92	0	18.5
		1	24	17.88	17.94	18.19	0	18.5
		1	49	17.93	18.03	18.18	0	18.5
		25	0	17.06	17.15	17.37	1	17.5
		25	12	17.04	17.19	17.25	1	17.5
		25	25	17.04	17.24	17.40	1	17.5
		50	0	17.11	17.16	17.16	1	17.5
		1	0	17.33	17.54	17.65	1	17.5
	16QAM	1	24	17.24	17.29	17.47	1	17.5
		1	49	17.46	17.37	17.65	1	17.5
		25	0	16.06	16.20	16.36	2	16.5
		25	12	16.13	16.09	16.36	2	16.5
		25	25	16.10	16.12	16.27	2	16.5
		50	0	16.09	16.07	16.38	2	16.5
		1	0	17.43	17.63	17.62	2	16.5
		1	24	17.17	17.16	17.35	2	16.5
		1	49	17.43	17.36	17.58	2	16.5
	64QAM	25	0	16.13	16.25	16.33	3	15.5
		25	12	16.15	16.10	16.30	3	15.5
		25	25	16.01	16.14	16.26	3	15.5
		50	0	16.19	16.10	16.40	3	15.5
5M	QPSK	Channel		12197	12222	12367	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2715.5	2745	2777.5		
		1	0	17.69	17.83	17.89	0	18.5
		1	12	17.88	17.94	18.18	0	18.5
		1	24	17.96	17.99	18.22	0	18.5
		12	0	17.05	17.16	17.34	1	17.5
		12	6	16.98	17.25	17.25	1	17.5
		12	13	17.06	17.27	17.41	1	17.5
		25	0	17.06	17.16	17.18	1	17.5
		1	0	17.33	17.57	17.70	1	17.5
	16QAM	1	12	17.19	17.33	17.44	1	17.5
		1	24	17.46	17.36	17.68	1	17.5
		12	0	16.04	16.22	16.30	2	16.5
		12	6	16.09	16.15	16.31	2	16.5
		12	13	16.11	16.11	16.30	2	16.5
		25	0	16.08	16.08	16.24	2	16.5
		1	0	17.44	17.52	17.55	2	16.5
		1	12	17.12	17.20	17.32	2	16.5
		1	24	17.37	17.42	17.61	2	16.5
	64QAM	12	0	16.15	16.28	16.27	3	15.5
		12	6	16.08	16.11	16.36	3	15.5
		12	13	16.02	16.17	16.24	3	15.5
		25	0	16.14	16.14	16.39	3	15.5
3M	QPSK	Channel		12197	12222	12367	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2715.5	2745	2779.5		
		1	0	17.66	17.86	17.93	0	18.5
		1	7	17.89	18.00	18.15	0	18.5
		1	14	17.93	18.00	18.21	0	18.5
		8	0	17.08	17.17	17.36	1	17.5
		8	3	17.03	17.25	17.24	1	17.5
		8	7	17.06	17.27	17.40	1	17.5
		15	0	17.06	17.16	17.21	1	17.5
		1	0	17.28	17.54	17.71	1	17.5
	16QAM	1	7	17.19	17.31	17.44	1	17.5
		1	14	17.45	17.38	17.68	1	17.5
		8	0	16.11	16.23	16.20	2	16.5
		8	3	16.09	16.14	16.33	2	16.5
		8	7	16.16	16.09	16.27	2	16.5
		15	0	16.05	16.07	16.37	2	16.5
		1	0	17.50	17.55	17.49	2	16.5
		1	7	17.13	17.14	17.32	2	16.5
		1	14	17.43	17.42	17.59	2	16.5
	64QAM	8	0	16.17	16.25	16.34	3	15.5
		8	3	16.14	16.04	16.37	3	15.5
		8	7	16.04	16.21	16.28	3	15.5
		15	0	16.17	16.15	16.36	3	15.5
1.4M	QPSK	Channel		121979	12222	123665	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2716.7	2745	2779.3		
		1	0	17.66	17.86	17.89	0	18.5
		1	2	17.87	17.96	18.18	0	18.5
		1	5	17.99	18.00	18.18	0	18.5
		3	0	18.03	18.13	18.37	0	18.5
		3	1	18.05	18.24	18.22	0	18.5
		3	3	18.05	18.24	18.36	0	18.5
		6	0	17.11	17.12	17.22	1	17.5
		1	0	17.35	17.55	17.67	1	17.5
	16QAM	1	2	17.25	17.27	17.47	1	17.5
		1	5	17.43	17.36	17.69	1	17.5
		3	0	17.08	17.23	17.33	1	17.5
		3	1	17.07	17.16	17.32	1	17.5
		3	3	17.14	17.11	17.31	1	17.5
		6	0	16.05	16.13	16.34	2	16.5
		1	0	17.44	17.52	17.55	2	16.5
		1	2	17.12	17.20	17.39	2	16.5
		1	5	17.43	17.36	17.61	2	16.5
	64QAM	3	0	17.11	17.27	17.27	2	16.5
		3	1	17.10	17.10	17.32	2	16.5
		3	3	17.05	17.14	17.31	2	16.5
		6	0	16.10	16.11	16.37	3	15.5

UL CA

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Tune up limit (dBm)
			RB Size	RB offset	RB Size	RB offset			
20850	21048	QPSK	1	99	0	0	1	16.50	17.50
		16QAM	1	99	0	0	1	15.71	16.50
		64QAM	1	99	0	0	1	14.51	15.50
21100	21298	QPSK	1	99	0	0	1	16.55	17.50
		16QAM	1	99	0	0	1	15.58	16.50
		64QAM	1	99	0	0	1	14.68	15.50
21350	21152	QPSK	1	99	0	0	1	16.37	17.50
		16QAM	1	99	0	0	1	15.62	16.50
		64QAM	1	99	0	0	1	14.46	15.50

CA_38C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
37850	38048	QPSK	1	0	0	0	1	18.18	19.50
		16QAM	1	0	0	0	1	17.54	18.50
		64QAM	1	0	0	0	1	16.20	17.50
37901	38099	QPSK	1	0	0	0	1	18.08	19.50
		16QAM	1	0	0	0	1	17.26	18.50
		64QAM	1	0	0	0	1	15.96	17.50
38150	37952	QPSK	1	0	0	0	1	17.92	19.50
		16QAM	1	0	0	0	1	17.11	18.50
		64QAM	1	0	0	0	1	16.08	17.50

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
39750	39948	QPSK	1	0	0	0	1	18.11	19.50
		16QAM	1	0	0	0	1	17.31	18.50
		64QAM	1	0	0	0	1	15.78	17.50
40185	40383	QPSK	1	0	0	0	1	18.02	19.50
		16QAM	1	0	0	0	1	17.14	18.50
		64QAM	1	0	0	0	1	15.69	17.50
40620	40818	QPSK	1	0	0	0	1	17.89	19.50
		16QAM	1	0	0	0	1	17.15	18.50
		64QAM	1	0	0	0	1	15.52	17.50
41055	41253	QPSK	1	0	0	0	1	17.77	19.50
		16QAM	1	0	0	0	1	17.01	18.50
		64QAM	1	0	0	0	1	15.52	17.50
41490	41292	QPSK	1	0	0	0	1	17.40	19.50
		16QAM	1	0	0	0	1	16.56	18.50
		64QAM	1	0	0	0	1	15.12	17.50

CA_42C Part27									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
42190	42388	QPSK	1	0	0	0	1	17.37	19.00
		16QAM	1	0	0	0	1	16.63	18.00
		64QAM	1	0	0	0	1	15.11	17.00
42590	42392	QPSK	1	0	0	0	1	17.53	19.00
		16QAM	1	0	0	0	1	16.62	18.00
		64QAM	1	0	0	0	1	15.04	17.00
42990	42792	QPSK	1	0	0	0	1	17.41	19.00
		16QAM	1	0	0	0	1	16.62	18.00
		64QAM	1	0	0	0	1	15.10	17.00

CA_48C For SAR									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
55340	55538	QPSK	1	0	0	0	1	20.44	22.00
		16QAM	1	0	0	0	1	19.66	21.00
		64QAM	1	0	0	0	1	18.14	20.00
55830	56028	QPSK	1	0	0	0	1	20.29	22.00
		16QAM	1	0	0	0	1	19.51	21.00
		64QAM	1	0	0	0	1	18.08	20.00
56150	56348	QPSK	1	0	0	0	1	20.39	22.00
		16QAM	1	0	0	0	1	19.63	21.00
		64QAM	1	0	0	0	1	18.12	20.00
56640	56442	QPSK	1	0	0	0	1	20.24	22.00
		16QAM	1	0	0	0	1	19.51	21.00
		64QAM	1	0	0	0	1	18.06	20.00

DL CA

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	16.51	16.58
			Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	16.42	16.50
			Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	16.47	16.52

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37200	37600	38000	
		Frequency (MHz)		1860	1880	1900	
20M	CP-OFDM QPSK	1	1	16.80	16.82	16.77	17
BW	MCS Index	Channel		371900	376000	380500	Max. Tune-up
		Frequency (MHz)		1867.5	1880	1902.5	
15M	CP-OFDM QPSK	1	1	16.75	16.78	16.73	17
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	CP-OFDM QPSK	1	1	16.72	16.79	16.70	17
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1862.5	1880	1907.5	
5M	CP-OFDM QPSK	1	1	16.77	16.74	16.72	17

n2 (SCS 15 kHz)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)		
		Channel			37200	37600		38000	
		Frequency (MHz)			1860	1880		1900	
20M	DFT-s-OFDM P2 BPSK	1	1	18.19	18.20	18.17	18.5		
		1	53	18.19	18.12	18.11	18.5		
		1	104	18.13	18.08	18.08	18.5		
		50	0	17.76	17.70	17.60	18.5		
		50	28	18.19	18.15	18.11	18.5		
		50	56	17.69	17.60	17.66	18.5		
		100	0	17.64	17.69	17.67	18.5		
	DFT-s-OFDM QPSK	1	1	18.30	18.29	18.29	18.5		
		1	53	18.25	18.26	18.22	18.5		
		1	104	18.13	18.26	18.16	18.5		
		50	0	17.26	17.26	17.20	18.5		
		50	28	18.18	18.27	18.25	18.5		
		50	56	17.22	17.26	17.21	18.5		
		100	0	17.23	17.27	17.18	17.5		
	DFT-s-OFDM 16QAM	1	1	17.49	17.49	17.51	18		
	DFT-s-OFDM 64QAM	1	1	15.89	15.91	15.80	16.5		
	DFT-s-OFDM 256QAM	1	1	13.80	13.73	13.74	14.5		
	BW	MCS Index	Channel			371900	376000	380500	Max. Tune-up
			Frequency (MHz)			1867.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	18.22	18.24	18.23	18.5		
BW	MCS Index	Channel			371000	376000	381000	Max. Tune-up	
		Frequency (MHz)			1855	1880	1905		
10M	DFT-s-OFDM QPSK	1	1	18.19	18.22	18.21	18.5		
BW	MCS Index	Channel			370500	376000	381500	Max. Tune-up	
		Frequency (MHz)			1862.5	1880	1907.5		
5M	DFT-s-OFDM QPSK	1	1	18.24	18.25	18.17	18.5		

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20M	CP-OFDM QPSK	1	1	15.82	15.85	15.76	
BW	MCS Index	Channel		501900	507000	512000	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	CP-OFDM QPSK	1	1	15.78	15.82	15.80	
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	CP-OFDM QPSK	1	1	15.77	15.80	15.83	
BW	MCS Index	Channel		500900	507000	513000	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	CP-OFDM QPSK	1	1	15.73	15.79	16.77	

n7 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		502000	507000	512000		
		Frequency (MHz)		2510	2535	2560		
20M	DFT-s-OFDM P2 BPSK	1	1	17.21	17.20	17.07	17.5	
		1	53	17.17	17.07	16.93	17.5	
		1	104	17.09	17.10	17.02	17.5	
		50	0	16.66	16.60	16.58	17.5	
		50	28	17.12	17.13	16.97	17.5	
		50	56	16.58	16.63	16.63	17.5	
		100	0	16.65	16.58	16.64	17.5	
		1	1	17.24	17.27	17.12	17.5	
		1	53	17.13	17.14	17.02	17.5	
		1	104	17.05	17.13	16.89	17.5	
	DFT-s-OFDM QPSK	50	0	16.15	16.05	16.28	17.5	
		50	28	17.16	17.25	17.05	17.5	
		50	56	16.23	16.27	16.10	17.5	
		100	0	16.34	16.28	16.18	16.5	
		DFT-s-OFDM 16QAM	1	1	16.33	16.48	16.34	17.5
		DFT-s-OFDM 64QAM	1	1	14.60	14.72	14.65	17.5
		DFT-s-OFDM 256QAM	1	1	12.62	12.66	12.60	16.5
		Channel		501900	507000	512000	Max. Tune-up	
		Frequency (MHz)		2507.5	2535	2562.5		
BW	MCS Index	1	1	17.23	17.21	17.13	17.5	
15M	DFT-s-OFDM QPSK	Channel		501000	507000	513000	Max. Tune-up	
Frequency (MHz)		2505	2535	2565				
BW	MCS Index	1	1	17.20	17.25	17.07	17.5	
10M	DFT-s-OFDM QPSK	Channel		500900	507000	513000	Max. Tune-up	
Frequency (MHz)		2502.5	2535	2567.5				
BW	MCS Index	1	1	17.22	17.24	17.1	17.5	
5M	DFT-s-OFDM QPSK	1	1	17.22	17.24	17.1	17.5	

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	CP-OFDM QPSK	1	1	16.82	16.85	16.84	18.5
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1895	
30M	CP-OFDM QPSK	1	1	16.89	16.88	16.92	18.5
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	CP-OFDM QPSK	1	1	16.91	16.83	16.89	18.5
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	CP-OFDM QPSK	1	1	16.84	16.89	16.87	18.5
BW	MCS Index	Channel		371900	376600	381000	Max. Tune-up
		Frequency (MHz)		1867.5	1882.5	1907.5	
15M	CP-OFDM QPSK	1	1	16.78	16.81	16.88	18.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	CP-OFDM QPSK	1	1	16.92	16.95	16.85	18.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1912.5	
5M	CP-OFDM QPSK	1	1	16.88	16.93	16.91	18.5

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	DFT-s-OFDM P2 BPSK	1	1	18.12	18.12	18.11	18.5
		1	108	18.22	18.21	18.13	18.5
		1	214	18.20	18.15	18.11	18.5
		108	0	17.68	17.66	17.59	18.5
		108	54	18.14	18.04	18.10	18.5
		108	108	17.58	17.60	17.55	18.5
		216	0	17.53	17.61	17.61	18.5
	DFT-s-OFDM QPSK	1	1	18.23	18.31	18.24	18.5
		1	108	18.16	18.14	18.24	18.5
		1	214	18.20	18.24	18.18	18.5
		108	0	17.20	17.16	17.10	18.5
		108	54	18.19	18.22	18.18	18.5
		108	108	17.21	17.23	17.26	18.5
		216	0	17.27	17.29	17.22	17.5
	DFT-s-OFDM 16QAM	1	1	17.43	17.53	17.29	18
	DFT-s-OFDM 64QAM	1	1	15.82	15.89	15.81	16.5
	DFT-s-OFDM 256QAM	1	1	13.84	13.88	13.79	14.5
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1900	
30M	DFT-s-OFDM QPSK	1	1	18.25	18.26	18.26	18.5
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	DFT-s-OFDM QPSK	1	1	18.19	18.22	18.22	18.5
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM QPSK	1	1	18.27	18.25	18.10	18.5
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	18.04	18.16	18.17	18.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	18.11	18.09	18.04	18.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	18.16	18.19	18.15	18.5

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518004	519000	519996	
		Frequency (MHz)		2590.02	2595	2599.98	
40M	CP-OFDM QPSK	1	1	19.11	19.07	19.02	19.5
BW	MCS Index	Channel		517002	519000	520998	Max. Tune-up
		Frequency (MHz)		2585.01	2595	2604.99	
30M	CP-OFDM QPSK	1	1	19.03	19.11	19.08	19.5
BW	MCS Index	Channel		516504	519000	521496	Max. Tune-up
		Frequency (MHz)		2582.52	2595	2607.48	
20M	CP-OFDM QPSK	1	1	19.04	19.05	19.03	19.5

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518004	519000	519996	
		Frequency (MHz)		2590.02	2595	2599.98	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	20.46	20.36	20.38	21
		1	53	20.38	20.22	20.22	21
		1	104	20.35	20.26	20.26	21
		50	0	19.85	19.81	19.72	21
		50	28	20.36	20.22	20.26	21
		50	56	19.80	19.78	19.82	21
		100	0	19.76	19.75	19.76	21
	DFT-s-OFDM QPSK	1	1	20.53	20.47	20.51	21
		1	53	20.47	20.30	20.35	21
		1	104	20.39	20.36	20.32	21
		50	0	19.35	19.38	19.34	21
		50	28	20.35	20.29	20.25	21
		50	56	19.43	19.37	19.39	21
		100	0	19.53	19.37	19.36	20
	DFT-s-OFDM 16QAM	1	1	19.61	19.59	19.55	20
	DFT-s-OFDM 64QAM	1	1	18.00	17.96	17.92	18.5
	DFT-s-OFDM 256QAM	1	1	16.11	16.04	16.00	16.5
BW	MCS Index	Channel		517002	519000	520998	Max. Tune-up
		Frequency (MHz)		2585.01	2595	2604.99	
30M	DFT-s-OFDM QPSK	1	1	20.49	20.44	20.47	21
BW	MCS Index	Channel		516504	519000	521496	Max. Tune-up
		Frequency (MHz)		2582.52	2595	2607.48	
20M	DFT-s-OFDM QPSK	1	1	20.52	20.45	20.37	21

n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100	CP-OFDM QPSK	1	1	19.05	19.02	19.05	19.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	CP-OFDM QPSK	1	1	18.99	19.04	19.10	19.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	19.03	19.09	19.07	19.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	CP-OFDM QPSK	1	1	19.00	19.01	19.01	19.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	18.97	18.95	19.04	19.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	19.01	18.97	19.05	19.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	CP-OFDM QPSK	1	1	19.08	18.99	19.02	19.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	19.05	19.00	19.03	19.5

n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	20.53	20.43	20.40	21
		1	137	20.32	20.17	20.11	21
		1	271	20.20	20.04	20.09	21
		135	0	19.95	19.79	19.69	21
		135	69	20.30	20.22	20.22	21
		135	138	19.81	19.63	19.63	21
		270	0	19.85	19.72	19.68	21
	DFT-s-OFDM QPSK	1	1	20.54	20.50	20.44	21
		1	137	20.47	20.29	20.32	21
		1	271	20.18	20.17	20.07	21
		135	0	19.40	19.31	19.31	21
		135	69	20.33	20.31	20.19	21
		135	138	19.21	19.11	19.16	21
		270	0	19.34	19.24	19.19	20
	DFT-s-OFDM 16QAM	1	1	19.56	19.51	19.53	20
	DFT-s-OFDM 64QAM	1	1	18.07	18.02	18.05	18.5
	DFT-s-OFDM 256QAM	1	1	16.08	16.05	16.07	16.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	20.48	20.44	20.42	21
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequency (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	20.52	20.45	20.46	21
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequency (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	20.47	20.44	20.33	21
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequency (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	20.44	20.47	20.34	21
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequency (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	20.50	20.39	20.37	21
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	20.41	20.42	20.32	21
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequency (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	20.42	20.45	20.29	21

n48(SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequency (MHz)		3570	3624.99	3679.98	
40M	CP-OFDM QPSK	1	1	19.79	19.82	19.80	20
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690	
20M	CP-OFDM QPSK	1	1	19.76	19.80	19.82	20
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequency (MHz)		3555	3624.99	3694.98	
10M	CP-OFDM QPSK	1	1	19.73	19.78	19.78	20

n48 (SCS 30 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		638000	641666	645332		
		Frequency (MHz)		3570	3624.99	3679.98		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	21.24	21.29	21.25	21.5	
		1	53	21.09	21.14	21.11	21.5	
		1	104	21.03	21.19	21.16	21.5	
		50	0	20.70	20.79	20.72	21.5	
		50	28	20.98	21.12	21.06	21.5	
		50	56	20.64	20.74	20.76	21.5	
		100	0	20.63	20.75	20.69	21.5	
	DFT-s-OFDM QPSK	1	1	21.27	21.34	21.33	21.5	
		1	53	21.00	21.07	21.07	21.5	
		1	104	21.00	21.19	21.09	21.5	
		50	0	20.14	20.16	20.25	21.5	
		50	28	21.05	21.19	21.13	21.5	
		50	56	20.13	20.27	20.23	21.5	
		100	0	20.09	20.12	20.12	20.5	
	DFT-s-OFDM 16QAM	1	1	20.50	20.53	20.50	21	
	DFT-s-OFDM 64QAM	1	1	19.02	19.04	19.00	19.5	
	DFT-s-OFDM 256QAM	1	1	17.11	17.19	17.08	17.5	
	BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
			Frequency (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM QPSK	1	1	21.22	21.30	21.29	21.5	
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up	
		Frequency (MHz)		3555	3624.99	3694.98		
10M	DFT-s-OFDM QPSK	1	1	21.26	21.27	21.24	21.5	

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	CP-OFDM QPSK	1	1	16.75	16.71	16.70	17
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	CP-OFDM QPSK	1	1	16.81	16.73	16.66	17
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	CP-OFDM QPSK	1	1	16.77	16.77	16.59	17
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	CP-OFDM QPSK	1	1	16.78	16.69	16.78	17
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	CP-OFDM QPSK	1	1	16.71	16.71	16.72	17
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	CP-OFDM QPSK	1	1	16.85	16.74	16.60	17

n66 (SCS 15 kHz)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		346000	349000	352000		
		Frequency (MHz)		1730	1745	1760		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	18.23	18.09	18.18	18.5	
		1	108	18.22	18.09	18.20	18.5	
		1	214	18.26	18.17	18.20	18.5	
		108	0	17.66	17.58	17.57	18.5	
		108	54	18.24	18.14	18.23	18.5	
		108	108	17.83	17.69	17.78	18.5	
		216	0	17.78	17.65	17.76	18.5	
	DFT-s-OFDM QPSK	1	1	18.34	18.17	18.33	18.5	
		1	108	18.31	18.23	18.32	18.5	
		1	214	18.19	18.21	18.30	18.5	
		108	0	17.18	17.10	17.19	18.5	
		108	54	18.29	18.21	18.27	18.5	
		108	108	17.36	17.22	17.31	18.5	
		216	0	17.33	17.20	17.31	17.5	
	DFT-s-OFDM 16QAM	1	1	17.55	17.58	17.56	18	
	DFT-s-OFDM 64QAM	1	1	16.00	16.01	16.03	16.5	
	DFT-s-OFDM 256QAM	1	1	13.85	13.88	13.91	14.5	
	BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
			Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM QPSK	1	1	18.29	18.21	18.30	18.5	
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up	
		Frequency (MHz)		1720	1745	1770		
20M	DFT-s-OFDM QPSK	1	1	18.23	18.23	18.26	18.5	
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up	
		Frequency (MHz)		1717.5	1745	1772.5		
15M	DFT-s-OFDM QPSK	1	1	18.27	18.16	18.17	18.5	
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up	
		Frequency (MHz)		1715	1745	1775		
10M	DFT-s-OFDM QPSK	1	1	18.30	18.19	18.22	18.5	
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up	
		Frequency (MHz)		1712.5	1745	1777.5		
5M	DFT-s-OFDM QPSK	1	1	18.29	18.22	18.26	18.5	

n77 Part27Q (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		19.11		19.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	19.00	19.02	19.08	19.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	19.01	19.07	19.00	19.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	19.06	19.03	18.99	19.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	19.02	19.12	19.02	19.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	19.03	19.08	19.05	19.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	19.09	19.02	19.01	19.5

n77 Part27Q (SCS 30 kHz)								
BW	MCS Index	RB Size	RB Offset	Mid		Max. Tune-up (dBm)		
		Channel		633334				
		Frequency (MHz)		3500.01				
100M	DFT-s-OFDM P1/2 BPSK	1	1	20.52		21		
		1	137	20.22		21		
		1	271	20.31		21		
		135	0	19.86		21		
		135	69	20.20		21		
		135	138	19.81		21		
		270	0	19.81		21		
	DFT-s-OFDM QPSK	1	1	20.56		21		
		1	137	20.13		21		
		1	271	20.24		21		
		135	0	19.68		21		
		135	69	20.09		21		
		135	138	19.41		21		
		270	0	19.38		20		
	DFT-s-OFDM 16QAM	1	1	19.47		20		
	DFT-s-OFDM 64QAM	1	1	18.00		18.5		
	DFT-s-OFDM 256QAM	1	1	15.59		16.5		
	BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
			Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	20.43	20.52	20.44	21	
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99		
60M	DFT-s-OFDM QPSK	1	1	20.41	20.54	20.49	21	
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3524.97		
50M	DFT-s-OFDM QPSK	1	1	20.45	20.51	20.40	21	
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98		
40M	DFT-s-OFDM QPSK	1	1	20.39	20.49	20.37	21	
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up	
		Frequency (MHz)		3465.03	3500.01	3534.96		
30M	DFT-s-OFDM QPSK	1	1	20.35	20.53	20.43	21	
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540		
20M	DFT-s-OFDM QPSK	1	1	20.32	20.45	20.47	21	

n77 Part27O (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	18.95	18.99	19.02	19.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	18.99	19.02	19.00	19.5
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	18.97	19.03	18.95	19.5
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	CP-OFDM QPSK	1	1	19.01	19.01	19.07	19.5
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	18.95	18.97	19.03	19.5
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	19.03	18.93	19.05	19.5
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	19.00	19.02	18.97	19.5

n77 Part27O (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100M	DFT-s-OFDM P1/2 BPSK	1	1	20.20	20.32	20.36	21
		1	137	20.32	20.44	20.48	21
		1	271	20.26	20.38	20.42	21
		135	0	19.80	19.92	19.96	21
		135	69	20.33	20.45	20.49	21
		135	138	19.79	19.91	19.95	21
		270	0	19.82	19.94	19.98	21
	DFT-s-OFDM QPSK	1	1	20.41	20.47	20.58	21
		1	137	20.42	20.44	20.58	21
		1	271	20.31	20.49	20.46	21
		135	0	19.32	19.44	19.48	21
		135	69	20.33	20.45	20.49	21
		135	138	19.32	19.44	19.48	21
		270	0	19.33	19.45	19.49	20
	DFT-s-OFDM 16QAM	1	1	19.33	19.41	19.45	20
	DFT-s-OFDM 64QAM	1	1	18.00	17.98	18.02	18.5
	DFT-s-OFDM 256QAM	1	1	15.56	15.61	15.66	16.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	20.37	20.42	20.49	21
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	20.35	20.39	20.44	21
BW	MCS Index	Channel		648336	656000	663666	Max. Tune-up
		Frequency (MHz)		3725.04	3840	3954.99	
50M	DFT-s-OFDM QPSK	1	1	20.32	20.43	20.47	21
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	20.39	20.45	20.44	21
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	20.33	20.35	20.49	21
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	20.38	20.33	20.51	21

n78 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		19.07		19.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	19.02	19.06	19.04	19.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	18.96	19.01	19.01	19.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	18.98	19.09	18.99	19.5
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	CP-OFDM QPSK	1	1	19.00	19.08	19.03	19.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	18.97	18.97	18.97	19.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	19.03	19.03	18.98	19.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	19.01	19.01	18.99	19.5

n78 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		20.42		21
		1	137		20.19		21
		1	271		20.11		21
		135	0		19.80		21
		135	69		20.20		21
		135	138		19.73		21
		270	0		19.71		21
		1	1		20.45		21
	DFT-s-OFDM QPSK	1	137		20.20		21
		1	271		20.09		21
		135	0		19.52		21
		135	69		20.32		21
		135	138		19.30		21
		270	0		19.30		20
		DFT-s-OFDM 16QAM	1	1	19.29		20
		DFT-s-OFDM 64QAM	1	1	17.91		18.5
		DFT-s-OFDM 256QAM	1	1	15.55		16.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	20.40	20.43	20.39	21
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	20.35	20.39	20.44	21
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	20.37	20.44	20.42	21
BW	MCS Index	Channel		631668	633334	634998	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3524.97	
50M	DFT-s-OFDM QPSK	1	1	20.32	20.37	20.38	21
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	20.39	20.38	20.35	21
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequency (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	20.41	20.41	20.37	21
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	20.40	20.44	20.39	21

WWAN Reduce Power 3

LTE Band 2 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max. Turn-up	Max. Turn-up (dB)
Channel									
Frequency (MHz)									
20M	QPSK	1	0	19.84	19.83	19.77	0	21	
		1	50	19.61	19.50	19.68	0	21	
		1	99	19.75	19.69	19.63	0	21	
		50	0	19.03	18.81	18.90	1	20	
		50	25	19.12	18.84	18.87	1	20	
	16QAM	50	50	18.93	18.74	18.89	1	20	
		100	0	19.11	18.95	18.91	1	20	
		1	0	19.11	18.95	18.98	1	20	
		1	50	19.03	18.81	18.90	1	20	
		1	99	19.11	18.83	18.86	1	20	
60QAM	16QAM	50	0	17.92	17.73	17.88	2	19	
		50	25	18.07	17.76	17.94	2	19	
		50	50	17.86	17.85	17.79	2	19	
		100	0	18.06	17.77	17.95	2	19	
		1	0	18.08	17.98	18.07	2	19	
	64QAM	1	50	17.88	17.72	17.60	2	19	
		1	99	17.91	17.81	17.93	2	19	
		50	0	17.13	16.91	16.93	3	18	
		50	25	16.32	16.25	16.07	3	18	
		50	50	16.46	16.30	16.36	3	18	
30M	QPSK	Channel		1887.5	1880	1882.5	SCPP	Max. Turn-up	
		Frequency (MHz)		1885	1880	1885	MPS		
		1	0	19.76	19.79	19.72	0	21	
		1	37	19.79	19.42	19.67	0	21	
		1	74	19.62	19.65	19.58	0	21	
	16QAM	36	0	19.00	18.75	18.88	1	20	
		36	19	19.10	18.77	18.82	1	20	
		36	39	18.84	18.66	18.87	1	20	
		75	0	19.14	18.97	18.90	1	20	
		1	0	19.04	18.87	18.92	1	20	
60QAM	16QAM	37	0	18.99	18.75	18.88	1	20	
		1	74	19.09	18.76	18.91	1	20	
		36	0	17.86	17.65	17.81	2	19	
		36	19	18.05	17.68	17.93	2	19	
		36	39	17.77	17.81	17.74	2	19	
	64QAM	75	0	18.06	17.69	17.84	2	19	
		1	0	18.02	17.93	18.06	2	19	
		1	37	17.87	17.70	17.55	2	19	
		1	74	17.63	17.74	17.91	2	19	
		36	0	17.12	16.87	16.88	3	18	
BW	MCS Index	Channel		1885	1880	1885	SCPP	Max. Turn-up	
		Frequency (MHz)		1883	1880	1883	MPS		
		1	0	19.63	19.79	19.69	0	21	
		1	24	19.77	19.47	19.62	0	21	
		1	49	19.68	19.68	19.59	0	21	
	QPSK	25	0	18.97	18.76	18.89	1	20	
		25	12	19.11	18.82	18.92	1	20	
		25	25	18.95	18.67	18.87	1	20	
		50	0	19.14	18.95	18.75	1	20	
		1	0	19.08	18.94	18.92	1	20	
10M	16QAM	1	24	18.99	18.76	18.88	1	20	
		1	49	19.05	18.81	18.83	1	20	
		25	0	17.90	17.65	17.87	2	19	
		25	12	17.99	17.72	17.89	2	19	
		25	25	17.63	17.68	17.62	2	19	
	60QAM	50	0	18.07	17.72	17.87	2	19	
		1	0	18.02	17.95	18.03	2	19	
		1	24	17.96	17.65	17.85	2	19	
		1	49	17.95	17.73	17.91	2	19	
		25	0	17.12	16.89	16.83	3	18	
BW	MCS Index	Channel		1882.5	1880	1882.5	SCPP	Max. Turn-up	
		Frequency (MHz)		1880	1880	1880	MPS		
		1	0	19.74	19.63	19.67	0	21	
		1	12	19.74	19.45	19.66	0	21	
		1	24	19.64	19.62	19.58	0	21	
	QPSK	12	0	18.96	18.76	18.86	1	20	
		12	6	19.04	18.82	18.81	1	20	
		12	13	18.85	18.73	18.87	1	20	
		25	0	19.11	18.94	18.70	1	20	
		1	0	19.03	18.96	18.96	1	20	
5M	16QAM	1	12	18.98	18.76	18.86	1	20	
		1	24	18.09	18.75	18.85	1	20	
		1	24	17.84	17.69	17.83	2	19	
		12	6	18.04	17.70	17.92	2	19	
		12	13	17.84	17.78	17.74	2	19	
	60QAM	25	0	18.02	17.69	17.93	2	19	
		1	0	18.07	17.96	17.99	2	19	
		1	12	17.83	17.64	17.84	2	19	
		1	24	17.80	17.75	17.91	2	19	
		12	0	17.08	16.89	16.84	3	18	
BW	MCS Index	Channel		1885	1880	1885	SCPP	Max. Turn-up	
		Frequency (MHz)		1883.5	1880	1883.5	MPS		
		1	0	19.76	19.75	19.75	0	21	
		1	7	19.79	19.42	19.66	0	21	
		1	14	19.65	19.61	19.62	0	21	
	QPSK	8	0	18.99	18.76	18.86	1	20	
		8	3	19.04	18.83	18.82	1	20	
		15	0	19.09	18.97	18.72	1	20	
		1	0	19.04	18.90	18.96	1	20	
		1	7	18.95	18.79	18.85	1	20	
3M	16QAM	1	14	18.09	18.75	18.84	1	20	
		8	0	17.64	17.67	17.66	2	19	
		8	3	18.01	17.74	17.89	2	19	
		8	7	17.79	17.80	17.77	2	19	
		15	0	18.02	17.70	17.90	2	19	
	60QAM	1	0	18.01	17.93	18.05	2	19	
		1	7	17.80	17.70	17.54	2	19	
		1	14	17.83	17.80	17.91	2	19	
		8	0	17.09	16.86	16.83	3	18	
		8	3	16.24	16.24	16.09	3	18	
BW	MCS Index	Channel		1882	1880	1882	SCPP	Max. Turn-up	
		Frequency (MHz)		1880.7	1880	1880.7	MPS		
		1	0	19.79	19.76	19.72	0	21	
		1	2	19.78	19.44	19.66	0	21	
		1	5	19.68	19.62	19.58	0	21	
	QPSK	3	0	19.47	19.23	19.38	0	21	
		3	1	19.61	19.32	19.29	0	21	
		3	3	19.38	19.16	19.32	0	21	
		6	0	19.14	18.93	18.75	1	20	
		1	0	19.06	18.88	18.93	1	20	
1.4M	16QAM	1	2	19.01	18.73	18.88	1	20	
		1	5	19.06	18.75	18.89	1	20	
		1	8	19.06	18.75	18.89	1	20	
		3	0	18.88	18.68	18.83	1	20	
		3	1	18.99	18.75	18.89	1	20	
	60QAM	3	3	18.82	18.80	18.78	1	20	
		6	0	18.02	17.75	17.86	2	19	
		1	0	18.01	17.93	18.05	2	19	
		1	2	17.80	17.70	17.55	2	19	
		3	0	17.08	16.87	16.83	3	18	

LTE Band 4 (Ant1)											
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	MFR	Max. Turn-up		
		Channel	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)						
20M	QPSK	1	0	19.78	19.90	19.99	0	21			
		1	50	19.63	19.75	19.84	0	21			
		1	99	19.57	19.69	19.92	0	21			
		50	0	18.80	18.88	18.97	1	20			
		50	25	18.73	18.85	19.10	1	20			
		50	50	18.82	18.86	19.03	1	20			
		100	0	18.83	18.84	18.98	1	20			
		1	0	19.08	19.16	19.37	1	20			
		1	50	18.89	19.07	19.21	1	20			
		1	99	18.80	19.00	19.28	1	20			
30M	16QAM	50	0	17.71	17.89	18.02	2	19			
		50	25	17.68	17.90	18.13	2	19			
		50	50	17.84	17.86	17.95	2	19			
		100	0	17.72	17.86	18.07	2	19			
		1	0	17.96	17.96	18.05	2	19			
		1	50	18.05	18.11	18.38	2	19			
		1	99	18.19	18.23	18.56	2	19			
		50	0	16.69	16.77	16.96	3	18			
		50	25	16.67	16.69	17.08	3	18			
		50	50	16.81	16.79	17.08	3	18			
40M	64QAM	100	0	16.87	16.78	17.14	3	18			
		1	0	19.04	19.11	19.38	1	20			
		1	50	18.27	18.38	18.67	1	20			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
60M	64QAM	136	0	18.14	18.21	18.38	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
		36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		80M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
36	0			18.79	18.86	18.92	1	20			
36	19			18.65	18.78	18.94	1	20			
36	39			18.63	18.62	19.00	1	20			
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
120M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
180M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		240M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
360M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
480M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		720M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
960M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
1440M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		1920M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
2880M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
3840M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		5760M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
7680M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
11520M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		15360M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
23040M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72	17.91	18.03	2	19			
		1	0	17.94	17.89	18.10	2	19			
		1	74	17.99	17.93	18.16	2	19			
		36	0	16.62	16.69	16.90	3	18			
		36	19	16.85	16.56	17.04	3	18			
34560M	64QAM	36	39	16.79	16.71	17.07	3	18			
		75	0	16.85	16.77	17.13	3	18			
		46080M	MCS Index	Channel	2000	2075	2075	SCPP	MFR	Max. Turn-up	
				Frequency (MHz)	1753	1782.5	1782.5				
				1	0	19.74	19.87	19.93	0	21	
				1	27	19.61	19.74	19.96	0	21	
				1	74	19.51	19.64	19.91	0	21	
				36	0	18.79	18.86	18.92	1	20	
				36	19	18.65	18.78	18.94	1	20	
				36	39	18.63	18.62	19.00	1	20	
75	0			18.77	18.93	18.95	1	20			
1	0			19.04	19.11	19.38	1	20			
58320M	16QAM	136	0	18.14	18.21	18.38	2	19			
		1	74	19.00	18.92	19.29	1	20			
		36	0	17.63	17.85	17.87	2	19			
		36	19	17.83	17.84	18.11	2	19			
		36	38	17.83	17.81	18.07	2	19			
		75	0	17.72							

LTE Band 25 (Ant1)										
BW	MCS Index	RB Size Channel	RB Offset Frequency (MHz)	Low	Mid	High	3GPP MPR	Max. Tune-up (MHz)		
20M	QPSK	1	0	20.05	19.95	20.01	0	21		
		1	50	20.02	19.97	19.89	0	21		
		1	99	19.83	19.82	19.90	0	21		
		50	0	19.20	19.11	19.11	1	20		
		50	25	19.24	19.22	19.18	1	20		
		50	50	19.15	19.10	19.14	1	20		
		100	0	19.16	19.21	19.17	1	20		
		1	0	19.41	19.26	19.28	1	20		
		1	50	19.16	19.21	19.17	1	20		
		1	99	19.23	19.14	19.20	1	20		
		50	0	18.25	18.14	18.06	2	19		
		50	25	18.18	18.21	18.17	2	19		
16QAM	50	50	18.19	18.06	18.06	2	19			
	100	0	18.14	18.07	18.17	2	19			
	1	0	18.54	18.49	18.35	2	19			
	1	50	18.34	18.29	18.31	2	19			
	1	99	18.36	18.35	18.27	2	19			
	50	0	17.16	17.01	17.13	3	18			
	50	25	17.15	17.18	17.14	3	18			
	50	50	17.17	17.02	17.14	3	18			
	100	0	17.11	17.10	17.18	3	18			
	15M	QPSK	1	0	19.99	19.90	20.00	0	21	
			1	37	20.01	19.95	19.84	0	21	
			1	74	19.75	19.75	19.68	0	21	
36			0	19.19	19.07	19.09	1	20		
36			19	19.21	19.21	19.12	1	20		
36			39	19.11	19.05	19.12	1	20		
75			0	19.10	19.19	19.14	1	20		
1			0	19.39	19.18	19.37	1	20		
1			37	19.08	19.17	19.12	1	20		
1			74	19.20	19.08	19.18	1	20		
36			0	18.24	18.09	17.98	2	19		
36			19	18.12	18.18	18.13	2	19		
16QAM	36	39	18.17	17.99	18.03	2	19			
	75	0	18.08	17.99	18.15	2	19			
	1	0	18.53	18.47	18.27	2	19			
	1	37	18.27	18.21	18.25	2	19			
	1	74	18.34	18.34	18.23	2	19			
	36	0	17.14	16.93	17.12	3	18			
	36	19	17.09	17.15	17.10	3	18			
	36	39	17.15	16.94	17.13	3	18			
	75	0	17.03	17.03	17.16	3	18			
	10M	QPSK	1	0	19.99	19.87	19.99	0	21	
			1	24	20.01	19.95	19.81	0	21	
			1	49	19.76	19.74	19.64	0	21	
25			0	19.17	19.05	19.09	1	20		
25			12	19.22	19.15	19.13	1	20		
25			25	19.09	19.02	19.12	1	20		
50			0	19.14	19.13	19.16	1	20		
1			0	19.33	19.22	19.33	1	20		
1			24	19.14	19.13	19.16	1	20		
1			49	19.15	19.10	19.15	1	20		
25			0	18.22	18.08	18.04	2	19		
25			12	18.16	18.14	18.12	2	19		
16QAM	25	25	18.13	17.98	18.06	2	19			
	50	0	18.13	18.05	18.09	2	19			
	1	0	18.49	18.41	18.29	2	19			
	1	24	18.33	18.23	18.29	2	19			
	1	49	18.30	18.27	18.25	2	19			
	25	0	17.08	16.97	17.08	3	18			
	25	12	17.12	17.12	17.12	3	18			
	25	25	17.14	16.96	17.12	3	18			
	50	0	17.08	17.08	17.12	3	18			
	5M	QPSK	1	0	19.97	19.94	19.96	0	21	
			1	12	19.98	19.92	19.88	0	21	
			1	24	19.77	19.80	19.85	0	21	
12			0	19.13	19.06	19.09	1	20		
12			6	19.16	19.20	19.13	1	20		
12			13	19.13	19.02	19.13	1	20		
25			0	19.08	19.15	19.09	1	20		
1			0	19.38	19.24	19.32	1	20		
1			12	19.09	19.16	19.15	1	20		
1			24	19.17	19.07	19.15	1	20		
12			0	18.18	18.09	18.04	2	19		
12			6	18.10	18.19	18.11	2	19		
16QAM	12	13	18.11	18.05	18.06	2	19			
	25	0	18.10	18.02	18.09	2	19			
	1	0	18.46	18.48	18.33	2	19			
	1	12	18.30	18.24	18.23	2	19			
	1	24	18.30	18.33	18.24	2	19			
	12	0	17.08	16.99	17.08	3	18			
	12	6	17.07	17.17	17.12	3	18			
	12	13	17.10	16.97	17.12	3	18			
	25	0	17.05	17.08	17.15	3	18			
	3M	QPSK	1	0	19.99	19.88	19.96	0	21	
			1	7	19.95	19.82	19.87	0	21	
			1	14	19.75	19.80	19.84	0	21	
8			0	19.12	19.10	19.09	1	20		
8			3	19.20	19.17	19.10	1	20		
8			7	19.07	19.09	19.12	1	20		
15			0	19.11	19.16	19.13	1	20		
1			0	19.29	19.16	19.37	1	20		
1			7	19.08	19.17	19.12	1	20		
1			14	19.20	19.08	19.18	1	20		
8			0	18.23	18.07	18.01	2	19		
8			3	18.12	18.13	18.15	2	19		
16QAM	8	7	18.18	18.04	18.00	2	19			
	15	0	18.09	17.99	18.11	2	19			
	1	0	18.53	18.43	18.33	2	19			
	1	7	18.29	18.27	18.24	2	19			
	1	14	18.34	18.27	18.26	2	19			
	8	0	17.08	16.97	17.08	3	18			
	8	3	17.13	17.10	17.15	3	18			
	8	7	17.09	17.01	17.12	3	18			
	15	0	17.09	17.02	17.17	3	18			
	1.4M	QPSK	1	0	19.97	19.88	19.96	0	21	
			1	2	19.97	19.89	19.83	0	21	
			1	5	19.82	19.76	19.88	0	21	
3			0	19.65	19.54	19.56	0	21		
3			1	19.72	19.64	19.66	0	21		
3			3	19.60	19.52	19.63	0	21		
6			0	19.12	19.16	19.12	1	20		
1			0	19.33	19.25	19.33	1	20		
1			2	19.12	19.16	19.16	1	20		
1			5	19.17	19.12	19.15	1	20		
3			0	19.18	19.09	19.04	1	20		
3			1	19.19	19.19	19.12	1	20		
16QAM	3	3	19.17	18.98	19.06	1	20			
	6	0	18.06	18.01	18.09	2	19			
	1	0	18.48	18.47	18.29	2	19			
	1	2	18.29	18.21	18.30	2	19			
	1	5	18.32	18.30	18.22	2	19			
	3	0	18.08	17.95	18.05	2	19			
	3	1	18.13	18.10	18.12	2	19			
	3	3	18.12	17.94	18.13	2	19			
	6	0	17.09	17.02	17.16	3	18			

LTE Band 38 (Ant1)										
BW	MCS Index	RB Size Channel	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dB)		
20M	QPSK	1	0	19.73	19.46	19.48	0	21		
		1	50	19.61	19.30	19.28	0	21		
		1	99	19.50	19.19	19.16	0	21		
		50	0	19.73	19.46	19.30	1	20		
		50	25	18.64	18.41	18.39	1	20		
	16QAM	50	50	18.66	18.39	18.41	1	20		
		100	0	18.74	18.43	18.41	1	20		
		1	0	18.60	18.55	18.61	1.5	20		
		1	50	18.60	18.47	18.55	1	20		
		1	99	18.66	18.53	18.45	1	20		
60QAM	16QAM	50	50	17.75	17.40	17.46	2	19		
		50	25	17.67	17.54	17.46	2	19		
		50	50	17.70	17.43	17.45	2	19		
		0	17.78	17.47	17.45	2	19			
		1	17.40	17.15	17.23	2	19			
	64QAM	1	50	17.48	17.25	17.07	2	19		
		1	99	17.44	17.17	17.15	2	19		
		0	16.72	16.41	16.43	3	18			
		50	25	16.63	16.42	16.42	3	18		
		50	50	16.77	16.54	16.36	3	18		
BW	MCS Index	100	0	16.75	16.44	16.42	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.70	19.40	19.46	0	21		
		1	37	19.50	19.20	19.23	0	21		
		1	74	19.49	19.22	19.24	0	21		
	QPSK	36	0	18.70	18.46	18.32	1	20		
		36	19	18.57	18.33	18.33	1	20		
		36	39	18.63	18.33	18.39	1	20		
		75	0	18.72	18.36	18.36	1	20		
		1	0	18.74	18.47	18.59	1	20		
15M	16QAM	1	37	18.78	18.39	18.54	1	20		
		1	74	18.58	18.49	18.40	1	20		
		36	0	17.71	17.32	17.47	2	19		
		36	19	17.59	17.50	17.41	2	19		
		36	39	17.67	17.37	17.43	2	19		
	64QAM	75	0	17.76	17.40	17.40	2	19		
		1	0	17.34	17.07	17.09	2	19		
		1	37	17.47	17.23	16.99	2	19		
		1	74	17.37	17.09	17.09	2	19		
		36	0	16.71	16.39	16.41	3	18		
BW	MCS Index	36	19	16.62	16.36	16.34	3	18		
		36	39	16.76	16.52	16.28	3	18		
		75	0	16.73	16.37	16.37	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.69	19.41	19.47	0	21		
	10M	QPSK	1	24	19.55	19.28	19.34	0	21	
			1	49	19.48	19.25	19.34	0	21	
			25	0	18.63	18.46	18.35	1	20	
			25	12	18.62	18.33	18.37	1	20	
			25	25	18.58	18.33	18.33	1	20	
16QAM		25	0	18.68	18.41	18.35	1	20		
		1	0	18.73	18.50	18.59	1	20		
		1	24	18.74	18.40	18.50	1	20		
		1	49	18.59	18.48	18.43	1	20		
		25	0	17.65	17.38	17.42	2	19		
60QAM	16QAM	25	12	17.59	17.53	17.44	2	19		
		25	25	17.66	17.38	17.37	2	19		
		50	0	17.70	17.46	17.43	2	19		
		1	0	17.36	17.10	17.13	2	19		
		1	24	17.51	17.23	17.04	2	19		
	64QAM	1	49	17.36	17.16	17.13	2	19		
		25	0	16.65	16.46	16.34	3	18		
		25	12	16.76	16.56	16.37	3	18		
		25	25	16.75	16.46	16.41	3	18		
		50	0	16.69	16.42	16.36	3	18		
BW	MCS Index	Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.68	19.38	19.47	0	21		
		1	12	19.57	19.25	19.23	0	21		
		1	24	19.47	19.29	19.31	0	21		
		12	0	18.67	18.43	18.39	1	20		
	QPSK	12	6	18.58	18.39	18.34	1	20		
		12	13	18.59	18.34	18.39	1	20		
		25	0	18.66	18.41	18.36	1	20		
		1	0	18.76	18.47	18.59	1	20		
		1	12	18.72	18.41	18.47	1	20		
SM	16QAM	1	24	18.60	18.51	18.39	1	20		
		12	0	17.66	17.39	17.46	2	19		
		12	6	17.67	17.47	17.41	2	19		
		12	13	17.63	17.38	17.43	2	19		
		25	0	17.72	17.45	17.39	2	19		
	64QAM	25	12	17.52	17.20	16.99	2	19		
		1	24	17.36	17.16	17.13	2	19		
		12	0	16.68	16.36	16.36	3	18		
		12	6	16.77	16.58	16.39	3	18		
		12	13	16.80	16.53	16.24	3	18		
BW	MCS Index	25	0	16.66	16.39	16.40	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.70	19.40	19.46	0	21		
		1	37	19.50	19.20	19.23	0	21		
		1	74	19.49	19.22	19.24	0	21		
	QPSK	36	0	18.70	18.46	18.32	1	20		
		36	19	18.57	18.33	18.33	1	20		
		36	39	18.63	18.33	18.39	1	20		
		75	0	18.72	18.36	18.36	1	20		
		1	0	18.74	18.47	18.59	1	20		
15M	16QAM	1	37	18.78	18.39	18.54	1	20		
		1	74	18.58	18.49	18.40	1	20		
		36	0	17.71	17.32	17.47	2	19		
		36	19	17.59	17.50	17.41	2	19		
		36	39	17.67	17.37	17.43	2	19		
	64QAM	75	0	17.76	17.40	17.40	2	19		
		1	0	17.34	17.07	17.09	2	19		
		1	37	17.47	17.23	16.99	2	19		
		1	74	17.37	17.09	17.09	2	19		
		36	0	16.71	16.39	16.41	3	18		
BW	MCS Index	36	19	16.62	16.36	16.34	3	18		
		36	39	16.76	16.52	16.28	3	18		
		75	0	16.73	16.37	16.37	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.69	19.41	19.47	0	21		
	10M	QPSK	1	24	19.55	19.28	19.34	0	21	
			1	49	19.48	19.25	19.34	0	21	
			25	0	18.63	18.46	18.35	1	20	
			25	12	18.62	18.33	18.37	1	20	
			25	25	18.58	18.33	18.33	1	20	
16QAM		25	0	18.68	18.41	18.35	1	20		
		1	0	18.73	18.50	18.59	1	20		
		1	24	18.74	18.40	18.50	1	20		
		1	49	18.59	18.48	18.43	1	20		
		25	0	17.65	17.38	17.42	2	19		
60QAM	16QAM	25	12	17.59	17.53	17.44	2	19		
		25	25	17.66	17.38	17.37	2	19		
		50	0	17.70	17.46	17.43	2	19		
		1	0	17.36	17.10	17.13	2	19		
		1	24	17.51	17.23	17.04	2	19		
	64QAM	1	49	17.36	17.16	17.13	2	19		
		25	0	16.65	16.46	16.34	3	18		
		25	12	16.76	16.56	16.37	3	18		
		25	25	16.75	16.46	16.41	3	18		
		50	0	16.69	16.42	16.36	3	18		
BW	MCS Index	Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.68	19.38	19.47	0	21		
		1	12	19.57	19.25	19.23	0	21		
		1	24	19.47	19.29	19.31	0	21		
		12	0	18.67	18.43	18.39	1	20		
	QPSK	12	6	18.58	18.39	18.34	1	20		
		12	13	18.59	18.34	18.39	1	20		
		25	0	18.66	18.41	18.36	1	20		
		1	0	18.76	18.47	18.59	1	20		
		1	12	18.72	18.41	18.47	1	20		
SM	16QAM	1	24	18.60	18.51	18.39	1	20		
		12	0	17.66	17.39	17.46	2	19		
		12	6	17.67	17.47	17.41	2	19		
		12	13	17.63	17.38	17.43	2	19		
		25	0	17.72	17.45	17.39	2	19		
	64QAM	25	12	17.52	17.20	16.99	2	19		
		1	24	17.36	17.16	17.13	2	19		
		12	0	16.68	16.36	16.36	3	18		
		12	6	16.77	16.58	16.39	3	18		
		12	13	16.80	16.53	16.24	3	18		
BW	MCS Index	25	0	16.66	16.39	16.40	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.70	19.40	19.46	0	21		
		1	37	19.50	19.20	19.23	0	21		
		1	74	19.49	19.22	19.24	0	21		
	QPSK	36	0	18.70	18.46	18.32	1	20		
		36	19	18.57	18.33	18.33	1	20		
		36	39	18.63	18.33	18.39	1	20		
		75	0	18.72	18.36	18.36	1	20		
		1	0	18.74	18.47	18.59	1	20		
15M	16QAM	1	37	18.78	18.39	18.54	1	20		
		1	74	18.58	18.49	18.40	1	20		
		36	0	17.71	17.32	17.47	2	19		
		36	19	17.59	17.50	17.41	2	19		
		36	39	17.67	17.37	17.43	2	19		
	64QAM	75	0	17.76	17.40	17.40	2	19		
		1	0	17.34	17.07	17.09	2	19		
		1	37	17.47	17.23	16.99	2	19		
		1	74	17.37	17.09	17.09	2	19		
		36	0	16.71	16.39	16.41	3	18		
BW	MCS Index	36	19	16.62	16.36	16.34	3	18		
		36	39	16.76	16.52	16.28	3	18		
		75	0	16.73	16.37	16.37	3	18		
		Channel Frequency (MHz)	19.73	19.50	19.25	3GPP MPR	Max. Tune-up			
		1	0	19.69	19.41	19.47	0	21		
	10M	QPSK	1	24	19.55	19.28	19.34	0	21	
			1	49	19.48	19.25	19.34	0	21	
			25	0	18.63	18.46	18.35	1	20	
			25	12	18.62	18.33	18.37	1	20	
			25	25	18.58	18.33	18.33	1	20	
16QAM		25	0	18.68	18.41	18.35	1	20		
		1	0	18.73						

LTE Band 41 (2496 ~ 2690MHz) (Ant1)												
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dB)		
		Channel	Frequency (MHz)	2496	2500.5	2502	2503.5	2504	3GPP MPR (dB)	Max. Tune-up (dB)		
QPSK	1	0	19.85	19.90	19.95	19.95	19.94	19.94	0	21		
		1	50	19.45	19.58	19.26	19.05	19.08	0	21		
		1	99	19.56	19.69	19.27	19.16	19.07	0	21		
		50	0	19.68	19.81	18.63	18.40	18.37	1	20		
		50	25	18.82	18.91	18.59	18.50	18.29	1	20		
	100	0	18.61	18.74	18.58	18.35	18.32	1	20			
		1	0	18.62	18.97	18.61	18.42	18.43	1	20		
		1	50	18.68	18.77	18.57	18.28	18.21	1	20		
		1	99	18.60	18.79	18.51	18.36	18.23	1	20		
		20M	16QAM	50	0	17.78	17.77	17.65	17.42	17.39	2	19
50	25			17.70	17.89	17.61	17.42	17.35	2	19		
50	50			17.73	17.78	17.60	17.43	17.34	2	19		
100	0			17.86	17.89	17.57	17.46	17.26	2	19		
1	0			17.99	17.96	17.56	17.28	17.08	2	19		
64QAM	1		50	17.42	17.43	17.21	17.12	16.89	2	19		
	1		99	17.29	17.36	17.22	16.97	16.98	2	19		
	50		0	16.79	16.88	16.50	16.42	16.34	3	18		
	50		25	16.75	16.84	16.62	16.55	16.40	3	18		
	50		50	16.80	16.93	16.61	16.42	16.39	3	18		
QPSK	Channel	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up				
		Frequency (MHz)	2503.5	2504.5	2505	2507.5	2512.5					
		1	0	19.84	19.86	19.48	19.49	19.28	0	21		
		1	37	18.41	19.55	19.20	18.97	19.06	0	21		
		1	74	18.54	19.68	19.53	19.30	19.01	0	21		
	36	0	18.62	18.76	18.62	18.36	18.36	1	20			
		19	18.81	18.89	18.54	18.49	18.22	1	20			
		36	39	18.53	18.67	18.56	18.39	18.30	1	20		
		75	0	18.83	18.83	18.60	18.43	18.26	1	20		
		1	0	18.79	18.86	18.66	18.55	18.41	1	20		
15M	16QAM	1	37	18.64	18.72	18.55	18.20	18.14	1	20		
		1	74	18.54	18.77	18.48	18.38	18.13	1	20		
		36	0	17.76	17.69	17.64	17.38	17.38	2	19		
		36	19	17.62	17.85	17.56	17.36	17.29	2	19		
		36	39	17.70	17.72	17.58	17.41	17.32	2	19		
	75	0	17.85	17.84	17.49	17.32	17.29	2	19			
		1	0	17.33	17.53	17.24	17.10	17.07	2	19		
		1	37	17.40	17.36	17.16	17.11	16.81	2	19		
		1	74	17.23	17.28	17.20	16.95	16.97	2	19		
		36	0	16.78	16.86	16.42	16.40	16.31	3	18		
64QAM	36	19	16.68	16.76	16.56	16.54	16.36	3	18			
		36	39	16.78	16.92	16.57	16.57	16.37	3	18		
		75	0	16.80	16.73	16.68	16.48	16.36	3	18		
		BW	MCS Index	Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up
				Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up
	QPSK	1	0	19.77	19.86	19.51	19.44	19.26	0	21		
			1	24	19.43	19.50	19.25	18.97	19.05	0	21	
			1	49	19.48	19.65	19.32	19.14	18.99	0	21	
			25	0	18.65	18.75	18.60	18.32	18.34	1	20	
			25	12	18.60	18.84	18.54	18.44	18.27	1	20	
50		25	25	18.55	18.66	18.56	18.34	18.27	1	20		
		50	0	18.81	18.85	18.55	18.41	18.31	1	20		
		1	0	18.75	18.89	18.55	18.40	18.38	1	20		
		1	24	18.65	18.71	18.55	18.23	18.19	1	20		
		1	49	18.58	18.72	18.46	18.34	18.15	1	20		
10M	16QAM	25	0	17.72	17.69	17.63	17.34	17.33	2	19		
		25	12	17.68	17.81	17.60	17.59	17.29	2	19		
		25	25	17.65	17.74	17.65	17.41	17.27	2	19		
		50	0	17.84	17.81	17.56	17.34	17.27	2	19		
		1	0	17.31	17.52	17.23	17.11	17.06	2	19		
	64QAM	1	24	17.39	17.37	17.19	17.04	16.81	2	19		
		1	49	17.27	17.29	17.17	16.96	16.82	2	19		
		25	0	16.73	16.80	16.48	16.35	16.27	3	18		
		25	12	16.74	16.82	16.54	16.52	16.37	3	18		
		25	25	16.75	16.85	16.55	16.57	16.37	3	18		
QPSK	Channel	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up				
		Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up		
		1	0	19.80	19.83	19.51	19.46	19.26	0	21		
		1	12	19.43	19.50	19.24	19.05	19.01	0	21		
		1	24	19.51	19.61	19.36	19.08	19.01	0	21		
	12	0	18.64	18.76	18.58	18.38	18.30	1	20			
		12	6	18.74	18.90	18.54	18.44	18.21	1	20		
		12	13	18.57	18.69	18.57	18.28	18.26	1	20		
		25	0	18.76	18.85	18.58	18.38	18.31	1	20		
		1	0	18.76	18.92	18.59	18.34	18.38	1	20		
5M	16QAM	1	12	18.60	18.76	18.52	18.24	18.20	1	20		
		1	24	18.58	18.71	18.49	18.28	18.18	1	20		
		12	0	17.70	17.71	17.57	17.38	17.37	2	19		
		12	6	17.64	17.87	17.55	17.36	17.30	2	19		
		12	13	17.66	17.82	17.58	17.42	17.32	2	19		
	64QAM	25	0	17.80	17.82	17.52	17.35	17.34	2	19		
		1	0	17.32	17.54	17.26	17.10	17.03	2	19		
		1	12	17.34	17.41	17.15	17.11	16.84	2	19		
		1	24	17.21	17.35	17.20	16.92	16.97	2	19		
		12	0	16.75	16.83	16.42	16.41	16.32	3	18		
QPSK	Channel	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up				
		Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up		
		1	0	19.80	19.83	19.51	19.46	19.26	0	21		
		1	12	19.43	19.50	19.24	19.05	19.01	0	21		
		1	24	19.51	19.61	19.36	19.08	19.01	0	21		
	12	0	18.64	18.76	18.58	18.38	18.30	1	20			
		12	6	18.74	18.90	18.54	18.44	18.21	1	20		
		12	13	18.57	18.69	18.57	18.28	18.26	1	20		
		25	0	18.76	18.85	18.58	18.38	18.31	1	20		
		1	0	18.76	18.92	18.59	18.34	18.38	1	20		
16QAM	1	12	18.60	18.76	18.52	18.24	18.20	1	20			
		1	24	18.58	18.71	18.49	18.28	18.18	1	20		
		12	0	17.70	17.71	17.57	17.38	17.37	2	19		
		12	6	17.64	17.87	17.55	17.36	17.30	2	19		
		12	13	17.66	17.82	17.58	17.42	17.32	2	19		
	64QAM	25	0	17.80	17.82	17.52	17.35	17.34	2	19		
		1	0	17.32	17.54	17.26	17.10	17.03	2	19		
		1	12	17.34	17.41	17.15	17.11	16.84	2	19		
		1	24	17.21	17.35	17.20	16.92	16.97	2	19		
		12	0	16.75	16.83	16.42	16.41	16.32	3	18		
QPSK	Channel	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up				
		Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up		
		1	0	19.80	19.83	19.51	19.46	19.26	0	21		
		1	12	19.43	19.50	19.24	19.05	19.01	0	21		
		1	24	19.51	19.61	19.36	19.08	19.01	0	21		
	12	0	18.64	18.76	18.58	18.38	18.30	1	20			
		12	6	18.74	18.90	18.54	18.44	18.21	1	20		
		12	13	18.57	18.69	18.57	18.28	18.26	1	20		
		25	0	18.76	18.85	18.58	18.38	18.31	1	20		
		1	0	18.76	18.92	18.59	18.34	18.38	1	20		
16QAM	1	12	18.60	18.76	18.52	18.24	18.20	1	20			
		1	24	18.58	18.71	18.49	18.28	18.18	1	20		
		12	0	17.70	17.71	17.57	17.38	17.37	2	19		
		12	6	17.64	17.87	17.55	17.36	17.30	2	19		
		12	13	17.66	17.82	17.58	17.42	17.32	2	19		
	64QAM	25	0	17.80	17.82	17.52	17.35	17.34	2	19		
		1	0	17.32	17.54	17.26	17.10	17.03	2	19		
		1	12	17.34	17.41	17.15	17.11	16.84	2	19		
		1	24	17.21	17.35	17.20	16.92	16.97	2	19		
		12	0	16.75	16.83	16.42	16.41	16.32	3	18		
QPSK	Channel	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up				
		Channel	Frequency (MHz)	2687.5	2688.3	2689	2689.5	2690.5	3GPP MPR	Max. Tune-up		
		1	0	19.80	19.83	19.51	19.46	19.26	0	21		
		1	12	19.43	19.50	19.24	19.05	19.01	0	21		
		1	24	19.51	19.61	19.36	19.08	19.01	0	21		
	12	0	18.64	18.76	18.58	18.38	18.30	1	20			
		12	6	18.74	18.90	18.54	18.44	18.21	1	20		
		12	13	18.57	18.69	18.57	18.28	18.26	1	20		
		25	0	18.76	18.85	18.58	18.38	18.31	1	20		
		1	0	18.76	18.92	18.59	18.34	18.38	1	20		
16QAM	1	12	18.60	18.76	18.52	18.24	18.20	1	20			
		1	24	18.58	18.71	18.49	18.28	18.18	1	20		
		12	0	17.70	17.71	17.57	17.38	17.37	2	19		
		12	6	17.64	17.87	17.55	17.36	17.30	2	19		
		12	13	17.66	17.82	17.58	17.42	17.32	2	19		
	64QAM	25	0	17.80	17.82	17.52	17.35	17.34	2	19		
		1	0	17.32	17.54	17.26	17.10	17.03	2	19		
		1	12	17.34	17.41	17.15	17.11	16.84	2	19		
		1	24	17.21	17.35	17.20	16.92	16.97	2	19		
		12	0	16.75	16.83	16.42	16.41	16.32	3	18		

LTE Band 43 (Ant7)								
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		43690	44090	44490		
		Frequency (MHz)		3610	3650	3690		
20M	QPSK	1	0	19.98	20.00	20.10	0	21
		1	50	19.94	19.85	19.90	0	21
		1	99	19.84	19.81	19.86	0	21
		50	0	18.97	18.92	19.04	1	20
		50	25	18.99	18.99	19.07	1	20
		50	50	18.94	18.81	18.94	1	20
		100	0	18.92	18.94	19.03	1	20
		1	0	19.16	19.12	19.15	1	20
	16QAM	1	50	19.03	18.86	18.97	1	20
		1	99	18.85	18.87	18.94	1	20
		50	0	18.03	17.86	18.01	2	19
		50	25	17.98	17.95	18.02	2	19
		50	50	17.98	17.83	17.95	2	19
		100	0	17.94	17.88	17.93	2	19
		1	0	17.82	17.77	17.84	2	19
		1	50	17.73	17.60	17.70	2	19
	64QAM	1	99	17.59	17.49	17.63	2	19
		50	0	17.05	16.94	16.96	3	18
		50	25	17.01	16.94	17.04	3	18
		50	50	17.00	16.87	16.92	3	18
		100	0	17.00	16.92	17.07	3	18
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3607.5	3650	3692.5		
15M	QPSK	1	0	19.90	19.93	20.08	0	21
		1	37	19.93	19.81	19.87	0	21
		1	74	19.81	19.80	19.80	0	21
		36	0	18.93	18.87	19.02	1	20
		36	19	18.93	18.97	19.04	1	20
		36	39	18.92	18.73	18.93	1	20
		75	0	18.84	18.90	18.98	1	20
	16QAM	1	0	19.13	19.06	19.13	1	20
		1	37	19.02	18.81	18.89	1	20
		1	74	18.79	18.84	18.90	1	20
		36	0	18.01	17.79	17.96	2	19
		36	19	17.92	17.87	18.00	2	19
		36	39	17.97	17.81	17.87	2	19
		75	0	17.87	17.80	17.87	2	19
	64QAM	1	0	17.80	17.76	17.80	2	19
		1	37	17.71	17.52	17.69	2	19
		1	74	17.57	17.48	17.59	2	19
		36	0	17.04	16.92	16.88	3	18
		36	19	16.95	16.86	17.02	3	18
		36	39	16.99	16.82	16.84	3	18
		75	0	16.96	16.87	17.05	3	18
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3605	3650	3695		
10M	QPSK	1	0	19.90	19.96	20.05	0	21
		1	24	19.91	19.79	19.88	0	21
		1	49	19.82	19.74	19.81	0	21
		25	0	18.91	18.84	19.02	1	20
		25	12	18.98	18.97	18.99	1	20
		25	25	18.87	18.73	18.88	1	20
		50	0	18.89	18.88	19.01	1	20
	16QAM	1	0	19.14	19.05	19.10	1	20
		1	24	18.97	18.78	18.95	1	20
		1	49	18.83	18.79	18.93	1	20
		25	0	17.95	17.82	17.96	2	19
		25	12	17.96	17.87	18.01	2	19
		25	25	17.90	17.79	17.90	2	19
		50	0	17.91	17.82	17.91	2	19
	64QAM	1	0	17.80	17.70	17.79	2	19
		1	24	17.67	17.52	17.68	2	19
		1	49	17.58	17.47	17.55	2	19
		25	0	17.00	16.86	16.90	3	18
		25	12	17.00	16.88	17.02	3	18
		25	25	16.97	16.81	16.90	3	18
		50	0	16.92	16.88	17.02	3	18
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3602.5	3650	3697.5		
5M	QPSK	1	0	19.93	19.93	20.05	0	21
		1	12	19.92	19.77	19.88	0	21
		1	24	19.76	19.80	19.81	0	21
		12	0	18.93	18.87	19.03	1	20
		12	6	18.93	18.97	19.02	1	20
		12	13	18.87	18.76	18.92	1	20
		25	0	18.84	18.92	18.98	1	20
	16QAM	1	0	19.14	19.04	19.13	1	20
		1	12	18.95	18.80	18.89	1	20
		1	24	18.79	18.85	18.88	1	20
		12	0	17.96	17.81	17.99	2	19
		12	6	17.92	17.88	17.97	2	19
		12	13	17.91	17.78	17.93	2	19
		25	0	17.86	17.86	17.87	2	19
	64QAM	1	0	17.74	17.76	17.82	2	19
		1	12	17.69	17.55	17.62	2	19
		1	24	17.51	17.48	17.61	2	19
		12	0	17.01	16.89	16.88	3	18
		12	6	16.95	16.92	17.01	3	18
		12	13	16.93	16.82	16.90	3	18
		25	0	16.92	16.90	17.02	3	18

LTE Band 48 (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		55340	55830	56150	56640			
		Frequency (MHz)		3560	3609	3641	3690			
20M	QPSK	1	0	19.26	19.54	19.75	19.80	0	21	
		1	50	19.23	19.31	19.68	19.73	0	21	
		1	99	19.07	19.35	19.56	19.61	0	21	
		50	0	18.25	18.39	18.70	18.75	1	20	
		50	25	18.24	18.34	18.61	18.66	1	20	
		50	50	18.12	18.28	18.63	18.68	1	20	
		100	0	18.28	18.46	18.57	18.62	1	20	
	16QAM	1	0	18.21	18.39	18.66	18.71	1	20	
		1	50	18.33	18.47	18.78	18.83	1	20	
		1	99	18.39	18.49	18.76	18.81	1	20	
		50	0	17.26	17.42	17.77	17.72	2	19	
		50	25	17.29	17.37	17.74	17.71	2	19	
		50	50	17.19	17.47	17.68	17.79	2	19	
		100	0	17.27	17.35	17.72	17.77	2	19	
	64QAM	1	0	17.27	17.55	17.76	17.81	2	19	
		1	50	17.34	17.48	17.79	17.86	2	19	
		1	99	17.32	17.42	17.69	17.74	2	19	
		50	0	17.12	17.28	17.63	17.68	3	18	
		50	25	17.18	17.36	17.47	17.52	3	18	
		50	50	17.07	17.21	17.48	17.55	3	18	
		100	0	17.20	17.30	17.61	17.66	3	18	
BW	MCS Index	Channel		55315	55820	56160	56665	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3557.5	3608	3642	3692.5			
15M	QPSK	1	0	19.18	19.50	19.70	19.75	0	21	
		1	37	19.21	19.23	19.67	19.72	0	21	
		1	74	18.99	19.31	19.51	19.56	0	21	
		36	0	18.22	18.33	18.68	18.73	1	20	
		36	19	18.22	18.27	18.56	18.61	1	20	
		36	39	18.06	18.20	18.61	18.66	1	20	
		75	0	18.27	18.44	18.49	18.54	1	20	
	16QAM	1	0	18.14	18.31	18.60	18.65	1	20	
		1	37	18.30	18.41	18.76	18.81	1	20	
		1	74	18.37	18.42	18.71	18.76	1	20	
		36	0	17.20	17.34	17.75	17.65	2	19	
		36	19	17.27	17.29	17.73	17.66	2	19	
		36	39	17.11	17.43	17.63	17.77	2	19	
		75	0	17.25	17.27	17.71	17.76	2	19	
	64QAM	1	0	17.19	17.51	17.71	17.76	2	19	
		1	37	17.31	17.42	17.77	17.85	2	19	
		1	74	17.30	17.35	17.64	17.69	2	19	
		36	0	17.06	17.20	17.61	17.66	3	18	
		36	19	17.17	17.34	17.39	17.44	3	18	
		36	39	17.02	17.13	17.42	17.50	3	18	
		75	0	17.19	17.24	17.59	17.64	3	18	
BW	MCS Index	Channel		55290	55815	56165	56690	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3555	3607.5	3642.5	3695			
10M	QPSK	1	0	19.21	19.47	19.70	19.75	0	21	
		1	24	19.21	19.23	19.66	19.72	0	21	
		1	49	19.02	19.27	19.55	19.56	0	21	
		25	0	18.21	18.34	18.65	18.73	1	20	
		25	12	18.16	18.33	18.56	18.61	1	20	
		25	25	18.08	18.23	18.62	18.66	1	20	
		50	0	18.22	18.44	18.52	18.54	1	20	
	16QAM	1	0	18.14	18.34	18.64	18.65	1	20	
		1	24	18.25	18.45	18.73	18.81	1	20	
		1	49	18.37	18.41	18.74	18.76	1	20	
		25	0	17.18	17.36	17.69	17.65	2	19	
		25	12	17.23	17.35	17.68	17.66	2	19	
		25	25	17.12	17.42	17.66	17.77	2	19	
		50	0	17.21	17.28	17.67	17.76	2	19	
	64QAM	1	0	17.20	17.50	17.74	17.76	2	19	
		1	24	17.26	17.46	17.73	17.85	2	19	
		1	49	17.24	17.41	17.67	17.69	2	19	
		25	0	17.08	17.23	17.55	17.66	3	18	
		25	12	17.10	17.35	17.45	17.44	3	18	
		25	25	17.03	17.16	17.40	17.50	3	18	
		50	0	17.14	17.28	17.58	17.64	3	18	
BW	MCS Index	Channel		55265	55810	56170	56715	3GPP MPR	Max. Tune-up	
		Frequency (MHz)		3552.5	3607	3643	3697.5			
5M	QPSK	1	0	19.20	19.52	19.69	19.75	0	21	
		1	12	19.16	19.26	19.66	19.72	0	21	
		1	24	19.01	19.28	19.51	19.56	0	21	
		12	0	18.18	18.34	18.68	18.73	1	20	
		12	6	18.16	18.32	18.55	18.61	1	20	
		12	13	18.04	18.27	18.61	18.66	1	20	
		25	0	18.24	18.41	18.49	18.54	1	20	
	16QAM	1	0	18.13	18.38	18.64	18.65	1	20	
		1	12	18.28	18.42	18.74	18.81	1	20	
		1	24	18.37	18.41	18.75	18.76	1	20	
		12	0	17.18	17.38	17.72	17.65	2	19	
		12	6	17.26	17.31	17.72	17.66	2	19	
		12	13	17.17	17.40	17.63	17.77	2	19	
		25	0	17.21	17.27	17.70	17.76	2	19	
	64QAM	1	0	17.26	17.53	17.68	17.76	2	19	
		1	12	17.29	17.40	17.73	17.85	2	19	
		1	24	17.31	17.36	17.67	17.69	2	19	
		12	0	17.07	17.26	17.56	17.66	3	18	
		12	6	17.16	17.28	17.46	17.44	3	18	
		12	13	16.99	17.17	17.43	17.50	3	18	
		25	0	17.18	17.22	17.60	17.64	3	18	

LTE Band 66 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR [dB]	Max. Tune-up [dB]		
		Channel		132072	132322	132572				
		Frequency [MHz]		1715	1745	1775				
20M	QPSK	1	0	19.89	20.05	20.48	0	21		
		1	50	19.90	20.02	20.59	0	21		
		1	99	20.02	20.08	20.63	0	21		
		50	0	19.10	19.22	19.79	1	20		
		50	25	19.11	19.31	19.74	1	20		
		50	50	19.15	19.33	19.80	1	20		
	16QAM	100	0	19.14	19.20	19.65	1	20		
		1	0	19.29	19.81	20.10	1	20		
		1	50	19.50	19.58	20.11	1	20		
		1	99	19.62	19.58	20.23	1	20		
		50	0	18.45	18.61	19.10	2	19		
		50	25	18.49	18.47	19.02	2	19		
64QAM	50	50	18.49	18.44	19.07	2	19			
	1	0	18.63	18.89	19.28	2	19			
	1	50	18.71	18.73	19.28	2	19			
	1	99	18.77	18.75	19.34	2	19			
	50	0	17.53	17.67	18.08	3	18			
	50	25	17.52	17.48	18.13	3	18			
15M	QPSK	50	50	17.58	17.54	18.03	3	18		
		100	0	17.46	17.42	18.07	3	18		
		Channel		132016	132322	132597	3GPP MPR	Max. Tune-up		
		Frequency [MHz]		1712.5	1745	1775				
		1	0	19.83	20.03	20.42	0	21		
		1	37	19.83	19.97	20.57	0	21		
	16QAM	1	74	19.96	20.01	20.58	0	21		
		36	0	19.03	19.17	19.77	1	20		
		36	19	19.03	19.29	19.66	1	20		
		36	39	19.07	19.32	19.78	1	20		
		75	0	19.10	19.15	19.57	1	20		
		1	0	19.31	19.60	20.08	1	20		
64QAM	1	37	19.45	19.53	20.07	1	20			
	1	74	19.60	19.50	20.22	1	20			
	36	0	18.37	18.57	19.05	2	19			
	36	19	18.46	18.45	19.08	2	19			
	36	39	18.47	18.40	19.87	2	19			
	75	0	18.34	18.30	19.05	2	19			
10M	QPSK	1	0	18.66	18.87	19.20	2	19		
		1	37	18.66	18.65	19.22	2	19		
		1	74	18.75	18.69	19.32	2	19		
		36	0	17.48	17.65	18.01	3	18		
		36	19	17.50	17.50	18.96	3	18		
		75	0	17.44	17.34	18.06	3	18		
	16QAM	Channel		132022	132322	132622	3GPP MPR	Max. Tune-up		
		Frequency [MHz]		1715	1745	1775				
		1	0	19.86	19.99	20.46	0	21		
		1	24	19.88	19.94	20.56	0	21		
		1	49	19.94	20.04	20.58	0	21		
		25	0	19.07	19.16	19.77	1	20		
64QAM	25	12	19.09	19.24	19.69	1	20			
	25	25	19.09	19.25	19.76	1	20			
	50	0	19.13	19.18	19.57	1	20			
	1	0	19.32	19.53	20.04	1	20			
	1	24	19.47	19.52	20.09	1	20			
	1	49	19.60	19.51	20.18	1	20			
5M	QPSK	25	0	18.39	18.53	19.08	2	19		
		25	12	18.47	18.43	19.09	2	19		
		25	25	18.41	18.43	19.97	2	19		
		50	0	18.38	18.36	19.06	2	19		
		1	0	18.75	18.85	19.23	2	19		
		1	24	18.68	18.67	19.25	2	19		
	16QAM	1	49	18.75	18.68	19.29	2	19		
		25	0	17.47	17.59	18.06	3	18		
		25	12	17.51	17.46	18.05	3	18		
		25	25	17.33	17.46	17.97	3	18		
		50	0	17.48	17.36	18.05	3	18		
		Channel		131997	132322	132647	3GPP MPR	Max. Tune-up		
Frequency [MHz]		1712.5	1745	1777.5						
1	0	19.84	19.98	20.43	0	21				
3M	QPSK	1	12	19.98	19.94	20.57	0	21		
		1	24	19.97	20.00	20.62	0	21		
		12	0	19.06	19.17	19.74	1	20		
		12	6	19.03	19.30	19.69	1	20		
		12	13	19.11	19.28	19.79	1	20		
		25	0	19.06	19.18	19.60	1	20		
	16QAM	1	0	19.32	19.56	20.08	1	20		
		1	12	19.42	19.56	20.06	1	20		
		1	24	19.60	19.50	20.21	1	20		
		12	0	18.37	18.55	19.02	2	19		
		12	6	18.43	18.48	19.04	2	19		
		12	13	18.42	18.42	19.00	2	19		
64QAM	25	0	18.34	18.37	19.04	2	19			
	1	0	18.76	18.84	19.26	2	19			
	1	12	18.63	18.65	19.22	2	19			
	1	24	18.69	18.74	19.32	2	19			
	12	0	17.49	17.62	18.00	3	18			
	12	6	17.44	17.47	18.11	3	18			
BW	MCS Index	12	13	17.34	17.49	17.95	3	18		
		25	0	17.40	17.40	18.04	3	18		
		Channel		131979	132322	132665	3GPP MPR	Max. Tune-up		
		Frequency [MHz]		1713.5	1745	1779.5				
		1	0	19.81	20.01	20.42	0	21		
		1	2	19.87	19.96	20.57	0	21		
	1.4M	QPSK	1	5	20.00	20.01	20.58	0	21	
			3	0	19.54	19.64	20.27	0	21	
			3	1	19.60	19.79	20.16	0	21	
			3	3	19.60	19.75	20.24	0	21	
			6	0	19.13	19.14	19.63	1	20	
			1	0	19.34	19.54	20.09	1	20	
16QAM		1	2	19.46	19.50	20.09	1	20		
		1	5	19.57	19.50	20.22	1	20		
		3	0	19.41	19.56	20.05	1	20		
		3	1	19.42	19.50	20.05	1	20		
		3	3	19.45	19.42	20.01	1	20		
		6	0	18.34	18.42	19.02	2	19		
64QAM	1	0	18.76	18.84	19.26	2	19			
	1	2	18.68	18.71	19.23	2	19			
	1	5	18.75	18.67	19.32	2	19			
	3	0	18.45	18.61	19.00	2	19			
	3	1	18.46	18.46	19.07	2	19			
	3	3	18.33	18.46	19.02	2	19			

UL CA

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Tune up limit (dBm)
			RB Size	RB offset	RB Size	RB offset			
20850	21048	QPSK	1	99	0	0	1	20.02	21.00
		16QAM	1	99	0	0	1	19.25	20.00
		64QAM	1	99	0	0	1	18.07	19.00
21100	21298	QPSK	1	99	0	0	1	19.99	21.00
		16QAM	1	99	0	0	1	19.14	20.00
		64QAM	1	99	0	0	1	18.20	19.00
21350	21152	QPSK	1	99	0	0	1	19.91	21.00
		16QAM	1	99	0	0	1	19.14	20.00
		64QAM	1	99	0	0	1	18.00	19.00

CA_38C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
37850	38048	QPSK	1	0	0	0	1	19.71	21.00
		16QAM	1	0	0	0	1	18.98	20.00
		64QAM	1	0	0	0	1	17.68	19.00
37901	38099	QPSK	1	0	0	0	1	19.54	21.00
		16QAM	1	0	0	0	1	18.71	20.00
		64QAM	1	0	0	0	1	17.46	19.00
38150	37952	QPSK	1	0	0	0	1	19.34	21.00
		16QAM	1	0	0	0	1	18.59	20.00
		64QAM	1	0	0	0	1	17.55	19.00

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
39750	39948	QPSK	1	0	0	0	1	19.78	21.00
		16QAM	1	0	0	0	1	19.00	20.00
		64QAM	1	0	0	0	1	17.45	19.00
40185	40383	QPSK	1	0	0	0	1	19.69	21.00
		16QAM	1	0	0	0	1	18.83	20.00
		64QAM	1	0	0	0	1	17.36	19.00
40620	40818	QPSK	1	0	0	0	1	19.63	21.00
		16QAM	1	0	0	0	1	18.84	20.00
		64QAM	1	0	0	0	1	17.21	19.00
41055	41253	QPSK	1	0	0	0	1	19.47	21.00
		16QAM	1	0	0	0	1	18.73	20.00
		64QAM	1	0	0	0	1	17.24	19.00
41490	41292	QPSK	1	0	0	0	1	19.13	21.00
		16QAM	1	0	0	0	1	18.23	20.00
		64QAM	1	0	0	0	1	16.83	19.00

CA_42C Part27									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
42190	42388	QPSK	1	0	0	0	1	19.41	21.00
		16QAM	1	0	0	0	1	18.64	20.00
		64QAM	1	0	0	0	1	17.14	19.00
42590	42392	QPSK	1	0	0	0	1	19.54	21.00
		16QAM	1	0	0	0	1	18.65	20.00
		64QAM	1	0	0	0	1	16.99	19.00
42990	42792	QPSK	1	0	0	0	1	19.35	21.00
		16QAM	1	0	0	0	1	18.63	20.00
		64QAM	1	0	0	0	1	17.09	19.00

CA_48C For SAR									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset			
55340	55538	QPSK	1	0	0	0	1	19.49	21.00
		16QAM	1	0	0	0	1	18.74	20.00
		64QAM	1	0	0	0	1	17.23	19.00
55830	56028	QPSK	1	0	0	0	1	19.64	21.00
		16QAM	1	0	0	0	1	18.90	20.00
		64QAM	1	0	0	0	1	17.43	19.00
56150	56348	QPSK	1	0	0	0	1	19.77	21.00
		16QAM	1	0	0	0	1	18.98	20.00
		64QAM	1	0	0	0	1	17.50	19.00
56640	56442	QPSK	1	0	0	0	1	19.58	21.00
		16QAM	1	0	0	0	1	18.89	20.00
		64QAM	1	0	0	0	1	17.38	19.00

DL CA

Configure		CA List	PCC							SCC				Power	
			LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
			Band	(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)				Offset			(MHz)		(dBm)	(dBm)
Intra-Band	Contiguous	CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	19.96	20.08
			Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	19.90	20.01
			Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	19.92	20.04

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	CP-OFDM QPSK	1	1	18.86	18.83	18.76	19.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	CP-OFDM QPSK	1	1	18.77	18.88	18.70	19.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	CP-OFDM QPSK	1	1	18.79	18.83	18.75	19.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	CP-OFDM QPSK	1	1	18.75	18.79	18.68	19.5

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-s-OFDM P/2 BPSK	1	1	20.37	20.39	20.34	21
		1	53	20.39	20.31	20.34	21
		1	104	20.34	20.28	20.29	21
		50	0	19.93	19.97	19.93	21
		50	28	20.38	20.42	20.32	21
		50	56	19.88	19.91	19.87	21
		100	0	19.90	20.04	19.87	21
	DFT-s-OFDM QPSK	1	1	20.49	20.52	20.49	21
		1	53	20.39	20.50	20.38	21
		1	104	20.39	20.42	20.39	21
		50	0	19.40	19.48	19.33	21
		50	28	20.40	20.49	20.44	21
		50	56	19.38	19.47	19.41	21
		100	0	19.39	19.47	19.38	20
	DFT-s-OFDM 16QAM	1	1	19.66	19.69	19.70	20
	DFT-s-OFDM 64QAM	1	1	18.00	18.16	17.98	18.5
	DFT-s-OFDM 256QAM	1	1	15.82	15.89	15.82	16.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	20.41	20.43	20.36	21
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequency (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	20.39	20.38	20.40	21
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	20.32	20.40	20.36	21

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20M	CP-OFDM QPSK	1	1	18.91	19.00	18.73	19.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	CP-OFDM QPSK	1	1	18.89	18.97	18.70	19.5
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	CP-OFDM QPSK	1	1	18.88	18.98	18.67	19.5
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	CP-OFDM QPSK	1	1	18.94	18.97	18.75	19.5

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20M	DFT-s-OFDM P/2 BPSK	1	1	20.39	20.38	20.28	21
		1	53	20.35	20.29	20.13	21
		1	104	20.27	20.37	20.19	21
		50	0	19.93	19.87	19.75	21
		50	28	20.33	20.39	20.18	21
		50	56	19.74	19.84	19.63	21
		100	0	19.89	19.93	19.74	21
	DFT-s-OFDM QPSK	1	1	20.48	20.47	20.32	21
		1	53	20.27	20.36	20.15	21
		1	104	20.27	20.35	20.08	21
		50	0	19.40	19.45	19.37	21
		50	28	20.38	20.42	20.25	21
		50	56	19.29	19.38	19.20	21
		100	0	19.38	19.43	19.27	20
	DFT-s-OFDM 16QAM	1	1	19.37	19.52	19.27	20
	DFT-s-OFDM 64QAM	1	1	18.14	18.11	17.92	18.5
	DFT-s-OFDM 256QAM	1	1	15.61	15.76	15.51	16.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.32	20.40	20.23	21
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.29	20.37	20.29	21
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.34	20.43	20.35	21

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	CP-OFDM QPSK	1	1	19.07	19.11	19.17	19.5
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1900	
30M	CP-OFDM QPSK	1	1	19.09	19.10	19.15	19.5
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	CP-OFDM QPSK	1	1	19.01	19.09	19.10	19.5
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	CP-OFDM QPSK	1	1	19.03	19.01	19.04	19.5
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	CP-OFDM QPSK	1	1	18.95	18.91	18.99	19.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	CP-OFDM QPSK	1	1	18.81	19.04	18.90	19.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	CP-OFDM QPSK	1	1	18.75	18.92	18.88	19.5

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		374000	376500	379000	
		Frequency (MHz)		1870	1882.5	1895	
40M	DFT-s-OFDM P/V2 BPSK	1	1	20.50	20.51	20.48	21
		1	108	20.62	20.60	20.56	21
		1	214	20.61	20.55	20.52	21
		108	0	20.05	20.03	20.12	21
		108	54	20.53	20.51	20.51	21
		108	108	20.07	20.11	20.16	21
	DFT-s-OFDM QPSK	216	0	20.09	20.06	20.11	21
		1	1	20.62	20.66	20.64	21
		1	108	20.50	20.60	20.60	21
		1	214	20.62	20.60	20.61	21
		108	0	19.54	19.58	19.63	21
		108	54	20.54	20.61	20.57	21
		108	108	19.57	19.64	19.66	21
		216	0	19.56	19.63	19.62	20
	DFT-s-OFDM 16QAM	1	1	19.40	19.44	19.53	20
	DFT-s-OFDM 64QAM	1	1	18.12	18.28	18.21	18.5
	DFT-s-OFDM 256QAM	1	1	16.24	16.35	16.34	16.5
BW	MCS Index	Channel		373000	376500	380000	Max. Tune-up
		Frequency (MHz)		1865	1882.5	1900	
30M	DFT-s-OFDM QPSK	1	1	20.60	20.63	20.53	21
BW	MCS Index	Channel		372500	376500	380500	Max. Tune-up
		Frequency (MHz)		1862.5	1882.5	1902.5	
25M	DFT-s-OFDM QPSK	1	1	20.53	20.51	20.39	21
BW	MCS Index	Channel		372000	376500	381000	Max. Tune-up
		Frequency (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM QPSK	1	1	20.45	20.50	20.59	21
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	20.32	20.43	20.53	21
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequency (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	20.49	20.54	20.52	21
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	20.45	20.45	20.43	21

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	CP-OFDM QPSK	1	1	19.22	19.06	19.11	19.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	CP-OFDM QPSK	1	1	19.12	19.05	19.12	19.5
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	CP-OFDM QPSK	1	1	19.11	19.07	19.10	19.5
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	CP-OFDM QPSK	1	1	19.04	19.08	19.06	19.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	CP-OFDM QPSK	1	1	19.02	19.12	18.98	19.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	CP-OFDM QPSK	1	1	19.20	19.19	19.07	19.5

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-s-OFDM P/V2 BPSK	1	1	20.69	20.52	20.63	21
		1	108	20.64	20.53	20.69	21
		1	214	20.73	20.65	20.62	21
		108	0	20.04	20.04	20.05	21
		108	54	20.72	20.62	20.73	21
		108	108	20.25	20.18	20.20	21
	DFT-s-OFDM QPSK	216	0	20.18	20.12	20.24	21
		1	1	20.76	20.68	20.75	21
		1	108	20.74	20.68	20.73	21
		1	214	20.64	20.64	20.72	21
		108	0	19.59	19.61	19.59	21
		108	54	20.75	20.65	20.72	21
		108	108	19.78	19.66	19.73	21
		216	0	19.79	19.67	19.73	20
	DFT-s-OFDM 16QAM	1	1	19.62	19.61	19.54	20
	DFT-s-OFDM 64QAM	1	1	18.11	18.19	18.13	18.5
	DFT-s-OFDM 256QAM	1	1	16.20	16.28	16.22	16.5
BW	MCS Index	Channel		345000	349000	353000	Max. Tune-up
		Frequency (MHz)		1725	1745	1765	
30M	DFT-s-OFDM QPSK	1	1	20.71	20.70	20.74	21
BW	MCS Index	Channel		344000	349000	354000	Max. Tune-up
		Frequency (MHz)		1720	1745	1770	
20M	DFT-s-OFDM QPSK	1	1	20.67	20.66	20.73	21
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	20.66	20.60	20.59	21
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	20.60	20.61	20.57	21
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	20.70	20.64	20.62	21



Appendix E. Simultaneous Multi-band Transmission Evaluation

The simultaneous transmission evaluation and analysis is shown as below.

Simultaneous Transmission analysis Head SAR

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
				WLAN	2.4GHz WLAN	2.4GHz WLAN	2.4GHz WLAN	5GHz WLAN	5GHz WLAN	5GHz WLAN	Bluetooth	BLE	1+2+6	1+3+5	1+4	1+5+8	1+6+8	1+7+8	1+5+8	1+6+8	1+7+8	1+5+8	1+6+8
				WLAN	2.4GHz WLAN	2.4GHz WLAN	2.4GHz WLAN	5GHz WLAN	5GHz WLAN	5GHz WLAN	Bluetooth	BLE	1+2+6	1+3+5	1+4	1+5+8	1+6+8	1+7+8	1+5+8	1+6+8	1+7+8	1+5+8	1+6+8
				1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM	GSM900	Right Check at On	at On	0.415	0.026	0.133	0.243	0.293	0.110	0.309	0.001	0.006	0.552	0.841	0.669	0.709	0.527	0.724	0.735	0.532	0.730	0.532	0.730
				0.205	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.324	0.669	0.465	0.553	0.293	0.559	0.560	0.299	0.585	0.299	0.585
				0.318	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.622	0.938	0.706	0.625	0.557	0.697	0.640	0.572	0.712	0.572	0.712
	Left Check at On	at On	0.208	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.423	0.834	0.623	0.583	0.355	0.593	0.594	0.366	0.603	0.366	0.603	
			1.006	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.142	1.432	1.249	1.309	1.117	1.314	1.305	1.123	1.319	1.123	1.319	
			0.697	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.816	1.160	0.946	0.845	0.784	1.050	1.051	0.790	1.057	0.790	1.057	
GSM1900	Right Check at On	at On	0.273	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.578	0.894	0.662	0.581	0.513	0.683	0.595	0.527	0.687	0.527	0.687	
			0.300	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.617	0.945	0.617	0.578	0.448	0.685	0.676	0.469	0.685	0.469	0.685	
			0.414	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.559	0.840	0.658	0.578	0.525	0.722	0.734	0.531	0.728	0.531	0.728	
WCDMA	WCDMA II	Right Check at On	at On	0.472	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.591	0.936	0.721	0.620	0.559	0.675	0.626	0.565	0.672	0.565	0.672
				0.299	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.603	0.919	0.687	0.606	0.538	0.678	0.621	0.553	0.683	0.553	0.683
				0.331	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.547	0.947	0.746	0.707	0.479	0.716	0.717	0.489	0.716	0.489	0.716
	Left Check at On	at On	0.441	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.577	0.887	0.684	0.735	0.552	0.749	0.741	0.558	0.745	0.558	0.745	
			0.373	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.492	0.837	0.623	0.721	0.461	0.727	0.728	0.467	0.724	0.467	0.724	
			0.380	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.484	0.880	0.588	0.487	0.419	0.559	0.502	0.434	0.574	0.434	0.574	
WCDMA IV	Right Check at On	at On	1.199	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.240	1.524	1.262	1.402	1.220	1.417	1.406	1.225	1.423	1.225	1.423	
			0.357	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.484	0.783	0.601	0.651	0.468	0.666	0.667	0.474	0.671	0.474	0.671	
			0.171	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.280	0.636	0.420	0.519	0.258	0.524	0.525	0.265	0.531	0.265	0.531	
	Left Check at On	at On	0.313	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.617	0.933	0.701	0.620	0.552	0.682	0.635	0.567	0.707	0.567	0.707	
			0.220	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.436	0.836	0.635	0.595	0.367	0.605	0.606	0.378	0.615	0.378	0.615	
			0.315	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.461	0.741	0.558	0.609	0.426	0.623	0.614	0.432	0.623	0.432	0.623	
WCDMA V	Right Check at On	at On	0.169	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.288	0.633	0.418	0.517	0.256	0.522	0.523	0.263	0.529	0.263	0.529	
			0.277	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.582	0.888	0.666	0.585	0.517	0.657	0.599	0.531	0.671	0.531	0.671	
			0.169	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.379	0.779	0.578	0.529	0.311	0.548	0.550	0.322	0.559	0.322	0.559	
	Left Check at On	at On	1.199	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.240	1.524	1.262	1.402	1.220	1.417	1.406	1.225	1.423	1.225	1.423	
			1.115	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	1.234	1.579	1.364	1.463	1.202	1.405	1.406	1.209	1.415	1.209	1.415	
			0.702	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	1.007	1.323	1.091	1.010	0.942	1.082	1.084	0.956	1.096	0.956	1.096	
LTE	LTE Band 5	Right Check at On	at On	0.628	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	1.044	1.444	1.243	1.204	0.975	1.213	1.214	0.986	1.223	0.986	1.223
				0.279	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.415	0.704	0.522	0.572	0.390	0.587	0.578	0.395	0.582	0.395	0.582
				0.132	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.251	0.595	0.381	0.479	0.219	0.485	0.486	0.225	0.482	0.225	0.482
	Left Check at On	at On	0.233	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.538	0.854	0.622	0.541	0.473	0.613	0.565	0.487	0.627	0.487	0.627	
			0.134	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.349	0.750	0.549	0.509	0.281	0.518	0.520	0.292	0.529	0.292	0.529	
			0.236	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.472	0.761	0.579	0.629	0.447	0.644	0.635	0.462	0.640	0.462	0.640	
LTE Band 7	Right Check at On	at On	0.168	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.287	0.632	0.417	0.516	0.255	0.521	0.522	0.262	0.529	0.262	0.529	
			0.315	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.620	0.936	0.704	0.623	0.555	0.695	0.637	0.569	0.709	0.569	0.709	
			0.207	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.423	0.823	0.622	0.583	0.355	0.592	0.594	0.366	0.603	0.366	0.603	
	Left Check at On	at On	0.317	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.463	0.743	0.560	0.611	0.428	0.625	0.616	0.434	0.631	0.434	0.631	
			0.162	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.282	0.626	0.412	0.510	0.250	0.516	0.517	0.256	0.523	0.256	0.523	
			0.273	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.577	0.893	0.661	0.580	0.512	0.652	0.595	0.527	0.667	0.527	0.667	
LTE Band 25 / 2	Right Check at On	at On	0.179	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.394	0.795	0.594	0.554	0.326	0.563	0.565	0.337	0.574	0.337	0.574	
			1.085	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.211	1.511	1.279	1.381	1.191	1.389	1.390	1.192	1.399	1.192	1.399	
			0.855	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	1.004	1.349	1.134	1.233	0.973	1.239	1.240	0.979	1.248	0.979	1.248	
	Left Check at On	at On	0.664	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.969	1.295	1.053	0.972	0.904	1.044	1.046	0.918	1.058	0.918	1.058	
			0.529	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.745	1.145	0.944	0.905	0.677	0.934	0.915	0.687	0.934	0.687	0.934	
			0.333	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	0.470	0.759	0.577	0.627	0.444	0.642	0.633	0.450	0.647	0.450	0.647	
LTE Band 26	Right Check at On	at On	0.162	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.281	0.626	0.411	0.510	0.249	0.515	0.516	0.256	0.522	0.256	0.522	
			0.264	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.569	0.885	0.662	0.572	0.504	0.644	0.586	0.518	0.658	0.518	0.658	
			0.169	0.078	0.250	0.415	0.366	0.138	0.375	0.010	0.020	0.395	0.795	0.594	0.554	0.326	0.563	0.565	0.337	0.574	0.337	0.574	
	Left Check at On	at On	0.352	0.026	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.088	1.408	1.235	1.345	1.048	1.245	1.246	1.048	1.246	1.048	1.246	
			0.850	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.949	1.2.										

Simultaneous Transmission analysis Body SAR

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	1+2+6	1+3+5	1+4	1+5+8	1+6+8	1+7+8	1+5+9	1+7+9
			WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 8 1g SAR (W/kg)	2.4GHz WLAN Ant 9 1g SAR (W/kg)	2.4GHz WLAN Ant 8+9 1g SAR (W/kg)	5GHz WLAN Ant 8 1g SAR (W/kg)	5GHz WLAN Ant 9 1g SAR (W/kg)	5GHz WLAN Ant 8+9 1g SAR (W/kg)	Bluetooth Ant 8 1g SAR (W/kg)	BLE Ant 9 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+7+8 Summed 1g SAR (W/kg)	1+5+9 Summed 1g SAR (W/kg)	1+7+9 Summed 1g SAR (W/kg)
GSM	GSM850	Front at 15mm -	0.308	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.381	0.409	0.420	0.395	0.381	0.381	0.395	0.381
		Back at 15mm -	0.240	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.539	0.533	0.593	0.413	0.420	0.498	0.429	0.436
	GSM1900	Front at 15mm -	0.210	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.283	0.361	0.321	0.296	0.283	0.283	0.296	0.283
		Back at 15mm -	0.282	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.581	0.575	0.635	0.455	0.462	0.549	0.471	0.478
WCDMA	WCDMA II	Front at 15mm -	0.073	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.145	0.224	0.184	0.159	0.145	0.145	0.159	0.145
		Back at 15mm -	0.116	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.415	0.409	0.468	0.289	0.286	0.374	0.305	0.312
	WCDMA IV	Front at 15mm -	0.047	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.119	0.198	0.158	0.133	0.119	0.119	0.133	0.119
		Back at 15mm -	0.069	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.358	0.352	0.412	0.232	0.239	0.317	0.248	0.255
LTE	WCDMA V	Front at 15mm -	0.285	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.357	0.436	0.396	0.371	0.357	0.357	0.371	0.357
		Back at 15mm -	0.238	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.538	0.531	0.591	0.411	0.418	0.497	0.427	0.434
	LTE Band 5	Front at 15mm -	0.240	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.313	0.391	0.351	0.326	0.313	0.313	0.326	0.313
		Back at 15mm -	0.279	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.578	0.572	0.632	0.452	0.459	0.537	0.468	0.475
LTE	LTE Band 7	Front at 15mm -	0.230	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.302	0.381	0.341	0.316	0.302	0.302	0.316	0.302
		Back at 15mm -	0.470	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.789	0.753	0.823	0.642	0.659	0.738	0.659	0.666
	LTE Band 12 / 17	Front at 15mm -	0.301	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.373	0.452	0.412	0.387	0.373	0.373	0.387	0.373
		Back at 15mm -	0.188	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.488	0.481	0.541	0.362	0.369	0.447	0.378	0.385
LTE	LTE Band 13	Front at 15mm -	0.312	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.385	0.463	0.424	0.399	0.385	0.385	0.399	0.385
		Back at 15mm -	0.242	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.541	0.534	0.594	0.415	0.422	0.500	0.431	0.438
	LTE Band 14	Front at 15mm -	0.274	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.347	0.425	0.385	0.360	0.347	0.347	0.360	0.347
		Back at 15mm -	0.187	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.497	0.490	0.550	0.370	0.377	0.456	0.386	0.393
LTE	LTE Band 25 / 2	Front at 15mm -	0.390	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.462	0.541	0.501	0.476	0.462	0.462	0.476	0.462
		Back at 15mm -	0.482	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.782	0.775	0.835	0.655	0.662	0.741	0.671	0.678
	LTE Band 26	Front at 15mm -	0.245	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.318	0.396	0.357	0.332	0.318	0.318	0.332	0.318
		Back at 15mm -	0.224	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.524	0.517	0.577	0.397	0.404	0.483	0.413	0.420
LTE	LTE Band 30	Front at 15mm -	0.157	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.230	0.308	0.269	0.244	0.230	0.230	0.244	0.230
		Back at 15mm -	0.297	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.597	0.590	0.650	0.470	0.477	0.555	0.486	0.493
	LTE Band 41 / 38	Front at 15mm -	0.222	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.295	0.373	0.334	0.309	0.295	0.295	0.309	0.295
		Back at 15mm -	0.401	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.700	0.694	0.754	0.574	0.581	0.659	0.590	0.597
LTE	LTE Band 42 (HSPD/HS)	Front at 15mm -	0.192	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.265	0.343	0.303	0.278	0.265	0.265	0.278	0.265
		Back at 15mm -	0.253	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.562	0.546	0.606	0.426	0.433	0.511	0.442	0.449
	LTE Band 46 / 43 / 42	Front at 15mm -	0.164	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.237	0.315	0.275	0.250	0.237	0.237	0.250	0.237
		Back at 15mm -	0.231	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.530	0.524	0.584	0.404	0.411	0.489	0.420	0.427
LTE	LTE Band 66 / 4	Front at 15mm -	0.393	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.466	0.544	0.504	0.479	0.466	0.466	0.479	0.466
		Back at 15mm -	0.420	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.719	0.713	0.773	0.593	0.600	0.678	0.609	0.616
	LTE Band 71	Front at 15mm -	0.208	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.280	0.359	0.319	0.294	0.280	0.280	0.294	0.280
		Back at 15mm -	0.188	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.488	0.481	0.541	0.361	0.368	0.446	0.377	0.384
NR	NR Band n5	Front at 15mm -	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.334	0.412	0.372	0.347	0.334	0.334	0.347	0.334
		Back at 15mm -	0.223	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.523	0.516	0.576	0.396	0.403	0.482	0.412	0.419
	NR Band n7	Front at 15mm -	0.409	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.481	0.560	0.520	0.495	0.481	0.481	0.495	0.481
		Back at 15mm -	0.720	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	1.019	1.013	1.073	0.893	0.900	1.078	0.908	0.915
NR	NR Band n12	Front at 15mm -	0.259	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.332	0.410	0.371	0.346	0.332	0.332	0.346	0.332
		Back at 15mm -	0.231	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.531	0.524	0.584	0.405	0.412	0.490	0.420	0.427
	NR Band n25 / 2	Front at 15mm -	0.179	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.452	0.530	0.491	0.466	0.452	0.452	0.466	0.452
		Back at 15mm -	0.466	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.765	0.759	0.819	0.639	0.646	0.724	0.655	0.662
NR	NR Band n30	Front at 15mm -	0.210	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.282	0.361	0.321	0.296	0.282	0.283	0.296	0.282
		Back at 15mm -	0.386	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.665	0.668	0.718	0.538	0.545	0.623	0.554	0.561
	NR Band n41 r38	Front at 15mm -	0.152	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.224	0.303	0.263	0.238	0.224	0.224	0.238	0.224
		Back at 15mm -	0.287	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.588	0.580	0.640	0.460	0.467	0.545	0.476	0.483
NR	NR Band n48	Front at 15mm -	0.135	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.208	0.286	0.246	0.221	0.208	0.208	0.221	0.208
		Back at 15mm -	0.149	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.449	0.442	0.502	0.322	0.329	0.408	0.338	0.345
	NR Band n65	Front at 15mm -	0.172	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.245	0.323	0.283	0.258	0.245	0.245	0.258	0.245
		Back at 15mm -	0.326	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.636	0.629	0.689	0.509	0.516	0.594	0.525	0.532
NR	NR Band n71	Front at 15mm -	0.262	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.335	0.413	0.374	0.349	0.335	0.335	0.349	0.335
		Back at 15mm -	0.214	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.513	0.507	0.567	0.387	0.394	0.472	0.403	0.410
	NR Band n77 r38	Front at 15mm -	0.115	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.188	0.266	0.226	0.201	0.188	0.188	0.201	0.188
		Back at 15mm -	0.154	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.454	0.447	0.507	0.327	0.334	0.412	0.343	0.350

Simultaneous Transmission analysis Hotspot SAR

		1	2	3	4	5	6	7	8	9	10-16	17-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
WLAN Band	Exposure Position	WLAN to SAR (W/kg)	2.4GHz WLAN Ant E to SAR (W/kg)	2.4GHz WLAN Ant S to SAR (W/kg)	2.4GHz WLAN Ant B/H to SAR (W/kg)	5GHz WLAN Ant E to SAR (W/kg)	5GHz WLAN Ant S to SAR (W/kg)	5GHz WLAN Ant B/H to SAR (W/kg)	Bluetooth Ant E to SAR (W/kg)	SLE Ant E to SAR (W/kg)	1+16 to SAR (W/kg)	1+19 to SAR (W/kg)	1+24 to SAR (W/kg)	1+29 to SAR (W/kg)	1+34 to SAR (W/kg)	1+39 to SAR (W/kg)	1+44 to SAR (W/kg)	1+49 to SAR (W/kg)	1+54 to SAR (W/kg)	1+59 to SAR (W/kg)	1+64 to SAR (W/kg)	1+69 to SAR (W/kg)	1+74 to SAR (W/kg)
GSM900	Front at 10mm -	0.785	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.880	1.000	0.958	0.887	0.835	0.870	0.895	0.843	0.878				
	Back at 10mm -	0.861	0.048	0.128	0.185	0.163	0.150	0.170	0.007	0.057	0.928	1.076	1.154	0.941	0.828	0.878	0.907	0.858	0.878				
	Left side at 10mm -	0.738	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	0.238	
	Right side at 10mm -	0.260	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.390	0.403	0.402	0.320	0.341	0.330	0.335	0.336	0.336	0.336	0.336	0.336	
	Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.289	0.221	0.184	0.058	0.184	0.206	0.070	0.196				
	Bottom side at 10mm -	0.373	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	
	Front at 10mm -	0.299	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.393	0.514	0.472	0.401	0.348	0.383	0.409	0.356	0.391				
	Back at 10mm -	0.491	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.880	0.917	0.984	0.682	0.669	0.689	0.712	0.699	0.718				
	Left side at 10mm -	0.181	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	
	Right side at 10mm -	0.000	0.085	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.130	0.143	0.140	0.130	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	
	Top side at 10mm -	0.240	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.393	0.528	0.460	0.423	0.297	0.424	0.446	0.310	0.436				
	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
GSM1900	Front at 10mm -	0.191	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.286	0.406	0.364	0.293	0.241	0.276	0.301	0.249	0.284				
	Back at 10mm -	0.236	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.602	0.662	0.739	0.427	0.413	0.433	0.456	0.443	0.463				
	Left side at 10mm -	0.116	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	
	Right side at 10mm -	0.000	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085				
	Top side at 10mm -	0.167	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.131	0.406	0.388	0.361	0.225	0.351	0.373	0.237	0.364				
	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Front at 10mm -	0.079	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.173	0.294	0.252	0.181	0.128	0.164	0.189	0.136	0.171				
	Back at 10mm -	0.086	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.484	0.522	0.589	0.287	0.273	0.293	0.316	0.303	0.323				
	Left side at 10mm -	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	
	Right side at 10mm -	0.000	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085				
	Top side at 10mm -	0.051	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.195	0.340	0.272	0.245	0.109	0.225	0.257	0.122	0.248				
	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
WCDMA II	Front at 10mm -	0.418	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.513	0.633	0.595	0.529	0.468	0.503	0.529	0.476	0.511				
	Back at 10mm -	0.407	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.426	0.463	0.505	0.245	0.230	0.245	0.267	0.254	0.284				
	Left side at 10mm -	0.138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	
	Right side at 10mm -	0.168	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.206	0.311	0.308	0.228	0.248	0.238	0.243	0.254	0.254				
	Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.289	0.221	0.184	0.058	0.184	0.206	0.070	0.196				
	Bottom side at 10mm -	0.286	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	
	Front at 10mm -	0.465	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.599	0.680	0.638	0.567	0.514	0.549	0.576	0.522	0.567				
	Back at 10mm -	0.360	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.749	0.786	0.863	0.551	0.538	0.558	0.581	0.567	0.587				
	Left side at 10mm -	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	
	Right side at 10mm -	0.105	0.085	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.128	0.286	0.295	0.226	0.246	0.236	0.241	0.252	0.241				
	Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.289	0.221	0.184	0.058	0.184	0.206	0.070	0.196				
	Bottom side at 10mm -	0.263	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	
WCDMA IV	Front at 10mm -	0.620	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.714	0.835	0.793	0.722	0.669	0.705	0.730	0.677	0.712				
	Back at 10mm -	1.000	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.989	1.426	1.560	1.101	1.178	1.198	1.221	1.207	1.227				
	Left side at 10mm -	0.346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	
	Right side at 10mm -	0.000	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085				
	Top side at 10mm -	0.961	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	1.104	1.249	1.185	1.154	1.018	1.145	1.167	1.031	1.157				
	Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Front at 10mm -	0.252	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.346	0.467	0.424	0.353	0.301	0.336	0.361	0.309	0.344				
	Back at 10mm -	0.239	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.627	0.665	0.742	0.430	0.417	0.436	0.459	0.446	0.466				
	Left side at 10mm -	0.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	
	Right side at 10mm -	0.191	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.321	0.334	0.332	0.251	0.272	0.261	0.266	0.287	0.277				
	Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.289	0.221	0.184	0.058	0.184	0.206	0.070	0.196				
	Bottom side at 10mm -	0.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	
WCDMA V	Front at 10mm -	0.925	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.419	0.546	0.497	0.426	0.374	0.409	0.434	0.382	0.417				
	Back at 10mm -	0.316	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.419	0.478	0.519	0.248	0.238	0.248	0.267	0.254	0.266				
	Left side at 10mm -	0.138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	0.138	
	Right side at 10mm -	0.196	0.052	0.085	0.140	0.067	0.079	0.068	0.002	0.018	0.206	0.339	0.337	0.256	0.277	0.266	0.271	0.292	0.282				
	Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.289	0.221	0.184	0.058	0.184	0.206	0.070	0.196				
	Bottom side at 10mm -	0.328	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.328	0.328	0.328	0.3									

Simultaneous Transmission analysis Hotspot SAR

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+2+6 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+6+8 Summed 1g SAR (W/kg)	1+7+8 Summed 1g SAR (W/kg)	1+5+9 Summed 1g SAR (W/kg)	1+6+9 Summed 1g SAR (W/kg)	1+7+9 Summed 1g SAR (W/kg)	
			WWAN 1g SAR (W/kg)	2.4GHz WLAN Aux 8 1g SAR (W/kg)	2.4GHz WLAN Aux 9 1g SAR (W/kg)	2.4GHz WLAN Aux 8+9 1g SAR (W/kg)	5GHz WLAN Aux 8 1g SAR (W/kg)	5GHz WLAN Aux 9 1g SAR (W/kg)	5GHz WLAN Aux 8+9 1g SAR (W/kg)	Bluetooth Aux 8 1g SAR (W/kg)										
NR	NR Band n5	Front at 10mm -	0.411	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.595	0.625	0.583	0.512	0.460	0.485	0.520	0.468	0.593
		Back at 10mm -	0.369	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.758	0.795	0.872	0.560	0.547	0.567	0.589	0.576	0.596
		Left side at 10mm -	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160
		Right side at 10mm -	0.198	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.327	0.340	0.338	0.257	0.278	0.267	0.273	0.293	0.283
		Top side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.176	0.007	0.020	0.143	0.209	0.221	0.194	0.059	0.134	0.206	0.070	0.136
		Bottom side at 10mm -	0.287	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.287	0.287	0.287	0.287	0.287	0.287	0.287	0.287	0.287
	NR Band n7	Front at 10mm -	0.595	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.689	0.810	0.767	0.696	0.644	0.679	0.704	0.652	0.687
		Back at 10mm -	1.066	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	1.454	1.492	1.569	1.257	1.244	1.263	1.286	1.273	1.293
		Left side at 10mm -	0.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339	0.339
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.971	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	1.115	1.260	1.182	1.105	1.029	1.155	1.177	1.042	1.168
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n12	Front at 10mm -	0.250	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.364	0.475	0.423	0.362	0.349	0.344	0.376	0.317	0.352
		Back at 10mm -	0.225	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.613	0.620	0.738	0.415	0.402	0.423	0.445	0.422	0.422
		Left side at 10mm -	0.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165
		Right side at 10mm -	0.183	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.313	0.326	0.324	0.243	0.264	0.253	0.258	0.279	0.289
		Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.209	0.221	0.194	0.058	0.184	0.206	0.070	0.136
		Bottom side at 10mm -	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
	NR Band n25 / n1	Front at 10mm -	0.531	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.625	0.746	0.704	0.633	0.580	0.615	0.641	0.588	0.623
		Back at 10mm -	0.617	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	1.095	1.043	1.120	0.808	0.795	0.814	0.837	0.824	0.844
		Left side at 10mm -	0.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.470	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.613	0.758	0.690	0.663	0.527	0.653	0.676	0.540	0.666
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n30	Front at 10mm -	0.338	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.432	0.553	0.511	0.440	0.387	0.423	0.448	0.395	0.430
		Back at 10mm -	0.495	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.883	0.921	0.968	0.688	0.672	0.687	0.715	0.702	0.722
		Left side at 10mm -	0.181	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.472	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.615	0.760	0.692	0.665	0.529	0.656	0.678	0.542	0.668
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n41 / n38	Front at 10mm -	0.269	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.363	0.483	0.441	0.370	0.318	0.353	0.378	0.328	0.361
		Back at 10mm -	0.492	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.881	0.918	0.995	0.683	0.670	0.690	0.712	0.699	0.719
		Left side at 10mm -	0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.441	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.584	0.730	0.661	0.635	0.489	0.625	0.647	0.511	0.637
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n48	Front at 10mm -	0.246	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.340	0.461	0.419	0.348	0.295	0.330	0.355	0.303	0.338
		Back at 10mm -	0.359	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.697	0.724	0.812	0.499	0.466	0.506	0.529	0.516	0.536
		Left side at 10mm -	0.287	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.287	0.287	0.287	0.287	0.287	0.287	0.287	0.287	0.287
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.307	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.450	0.596	0.528	0.501	0.365	0.481	0.513	0.377	0.503
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n66	Front at 10mm -	0.142	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.636	0.756	0.714	0.643	0.591	0.626	0.651	0.599	0.634
		Back at 10mm -	0.623	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	1.612	1.049	1.126	0.814	0.801	0.821	0.844	0.830	0.850
		Left side at 10mm -	0.231	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231
		Right side at 10mm -	0.000	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.130	0.143	0.140	0.060	0.080	0.070	0.075	0.096	0.085
		Top side at 10mm -	0.307	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.540	0.695	0.618	0.591	0.455	0.581	0.603	0.467	0.593
		Bottom side at 10mm -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NR Band n71	Front at 10mm -	0.233	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.327	0.448	0.406	0.334	0.282	0.317	0.342	0.290	0.325
		Back at 10mm -	0.228	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.616	0.653	0.721	0.418	0.405	0.425	0.448	0.435	0.455
		Left side at 10mm -	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173
		Right side at 10mm -	0.174	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.304	0.317	0.314	0.234	0.254	0.244	0.249	0.270	0.259
		Top side at 10mm -	0.000	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.209	0.221	0.194	0.058	0.184	0.206	0.070	0.136
		Bottom side at 10mm -	0.166	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
	NR Band n77 / n78	Front at 10mm																		

Simultaneous Transmission analysis Head SAR(EN-DC)

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Simultaneous Transmission analysis Head SAR(EN-DC)

WWAN Band	Exposure Position	LTE		NR	2.4GHz WLAN		4.4GHz WLAN		5.4GHz WLAN		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100		101		102		103		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118		119		120		121		122		123		124		125		126		127		128		129		130		131		132		133		134		135		136		137		138		139		140		141		142		143		144		145		146		147		148		149		150		151		152		153		154		155		156		157		158		159		160		161		162		163		164		165		166		167		168		169		170		171		172		173		174		175		176		177		178		179		180		181		182		183		184		185		186		187		188		189		190		191		192		193		194		195		196		197		198		199		200		201		202		203		204		205		206		207		208		209		210		211		212		213		214		215		216		217		218		219		220		221		222		223		224		225		226		227		228		229		230		231		232		233		234		235		236		237		238		239		240		241		242		243		244		245		246		247		248		249		250		251		252		253		254		255		256		257		258		259		260		261		262		263		264		265		266		267		268		269		270		271		272		273		274		275		276		277		278		279		280		281		282		283		284		285		286		287		288		289		290		291		292		293		294		295		296		297		298		299		300		301		302		303		304		305		306		307		308		309		310		311		312		313		314		315		316		317		318		319		320		321		322		323		324		325		326		327		328		329		330		331		332		333		334		335		336		337		338		339		340		341		342		343		344		345		346		347		348		349		350		351		352		353		354		355		356		357		358		359		360		361		362		363		364		365		366		367		368		369		370		371		372		373		374		375		376		377		378		379		380		381		382		383		384		385		386		387		388		389		390		391		392		393		394		395		396		397		398		399		400		401		402		403		404		405		406		407		408		409		410		411		412		413		414		415		416		417		418		419		420		421		422		423		424		425		426		427		428		429		430		431		432		433		434		435		436		437		438		439		440		441		442		443		444		445		446		447		448		449		450		451		452		453		454		455		456		457		458		459		460		461		462		463		464		465		466		467		468		469		470		471		472		473		474		475		476	
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Simultaneous Transmission analysis Body SAR(EN-DC)

[illegible]

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

WWAN Band	Exposure Position	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100		101		102		103		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118		119		120		121		122		123		124		125		126		127		128		129		130		131		132		133		134		135		136		137		138		139		140		141		142		143		144		145		146		147		148		149		150		151		152		153		154		155		156		157		158		159		160		161		162		163		164		165		166		167		168		169		170		171		172		173		174		175		176		177		178		179		180		181		182		183		184		185		186		187		188		189		190		191		192		193		194		195		196		197		198		199		200		201		202		203		204		205		206		207		208		209		210		211		212		213		214		215		216		217		218		219		220		221		222		223		224		225		226		227		228		229		230		231		232		233		234		235		236		237		238		239		240		241		242		243		244		245		246		247		248		249		250		251		252		253		254		255		256		257		258		259		260		261		262		263		264		265		266		267		268		269		270		271		272		273		274		275		276		277		278		279		280		281		282		283		284		285		286		287		288		289		290		291		292		293		294		295		296		297		298		299		300		301		302		303		304		305		306		307		308		309		310		311		312		313		314		315		316		317		318		319		320		321		322		323		324		325		326		327		328		329		330		331		332		333		334		335		336		337		338		339		340		341		342		343		344		345		346		347		348		349		350		351		352		353		354		355		356		357		358		359		360		361		362		363		364		365		366		367		368		369		370		371		372		373		374		375		376		377		378		379		380		381		382		383		384		385		386		387		388		389		390		391		392		393		394		395		396		397		398		399		400		401		402		403		404		405		406		407		408		409		410		411		412		413		414		415		416		417		418		419		420		421		422		423		424		425		426		427		428		429		430		431		432		433		434		435		436		437		438		439		440		441		442		443		444		445		446		447		448		449		450		451		452		453		454		455		456		457		458		459		460		461		462		463		464		465		466		467		468		469		470		471		472		473		474		475		476		477		478		479		480		481		482		483		484		485		486		487		488		489		490		491		492		493		494		495		496		497		498		499		500		501		502		503		504		505		506		507		508		509		510		511		512		513		514		515		516		517		518		519		520		521		522		523		524		525		526		527		528		529		530		531		532		533		534		535		536		537		538		539		540		541		542		543		544		545		546		547		548		549		550		551		552		553		554		555		556		557		558		559		560		561		562		563		564		565		566		567		568		569		570		571		572		573		574		575		576		577		578		579		580		581		582		583		584		585		586		587		588		589		590		591		592		593		594		595		596		597		598		599		600		601		602		603		604		605		606		607		608		609		610		611		612		613		614		615		616		617		618		619		620		621		622		623		624		625		626		627		628		629		630		631		632		633		634		635		636		637		638		639		640		641		642		643		644		645		646		647		648		649		650		651		652		653		654		655		656		657		658		659		660		661		662		663		664		665		666		667		668		669		670		671		672		673		674		675		676		677		678		679		680		681		682		683		684		685		686		687		688		689		690		691		692		693		694		695		696		697		698		699		700		701		702		703		704		705		706		707		708		709		710		711		712		713		714		715		716		717		718		719		720		721		722		723		724		725		726		727		728		729		730		731		732		733		734		735		736		737		738		739		740		741		742		743		744		745		746		747		748		749		750		751		752		753		754		755		756		757		758		759		760		761		762		763		764		765		766		767		768		769		770		771		772		773		774		775		776		777		778		779		780		781		782		783		784		785		786		787		788		789		790		791		792		793		794		795		796		797		798		799		800		801		802		803		804		805		806		807		808		809		810		811		812		813		814		815		816		817		818		819		820		821		822		823		824		825		826		827		828		829		830		831		832		833		834		835		836		837		838		839		840		841		842		843		844		845		846		847		848		849		850		851		852		853		854		855		856		857		858		859		860		861		862		863		864		865		866		867		868		869		870		871		872		873		874		875		876		877		878		879		880		881		882		883		884		885		886		887		888		889		890		891		892		893		894		895		896		897		898		899		900		901		902		903		904		905		906		907		908		909		910		911		912		913		914		915		916		917		918		919		920		921		922		923		924		925		926		927		928		929		930		931		932		933		934		935		936		937		938		939		940		941		942		943		944		945		946		947		948		949		950		951		952		953		954		955		956		957		958		959		960		961		962		963		964		965		966		967		968		969		970		971		972		973		974		975		976		977		978		979		980		981		982		983		984		985		986		987		988		989		990		991		992		993		994		995		996		997		998		999		1000	
		LTE	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (W/kg)	Ag SAR (																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

[illegible]

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

W/Wave Band	Exposure Position	1																		1/10/1700 Summed 1g SAR (W/kg)	1/10/1400 Summed 1g SAR (W/kg)	1/10/1200 Summed 1g SAR (W/kg)	1/10/1000 Summed 1g SAR (W/kg)	1/10/800 Summed 1g SAR (W/kg)	1/10/600 Summed 1g SAR (W/kg)	1/10/400 Summed 1g SAR (W/kg)	1/10/200 Summed 1g SAR (W/kg)	1/10/100 Summed 1g SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																	
		2		3		4		5		6		7		8		9		10																																																																																																																																																																																																																																																																																																																																																																											
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)										1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)