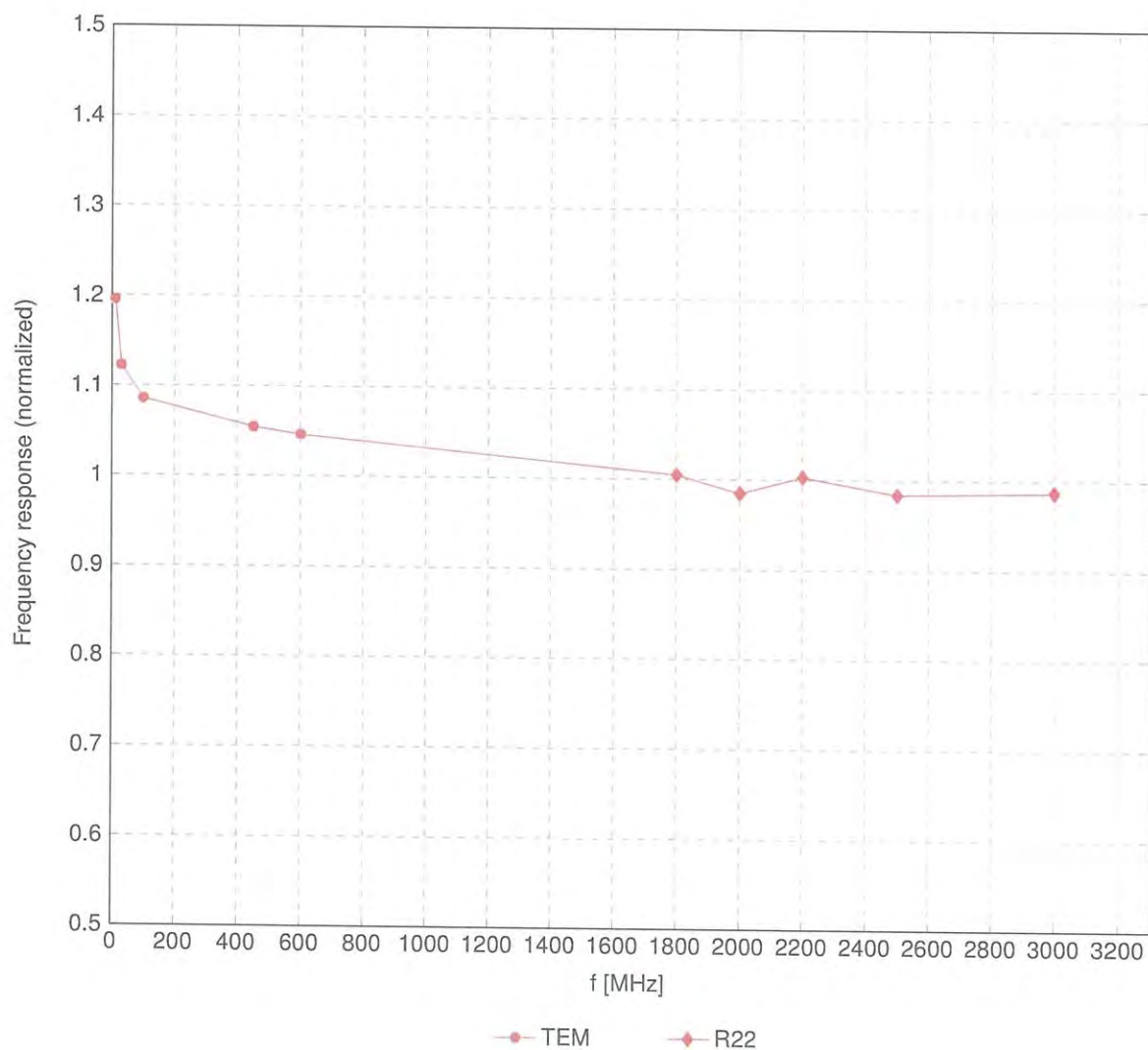
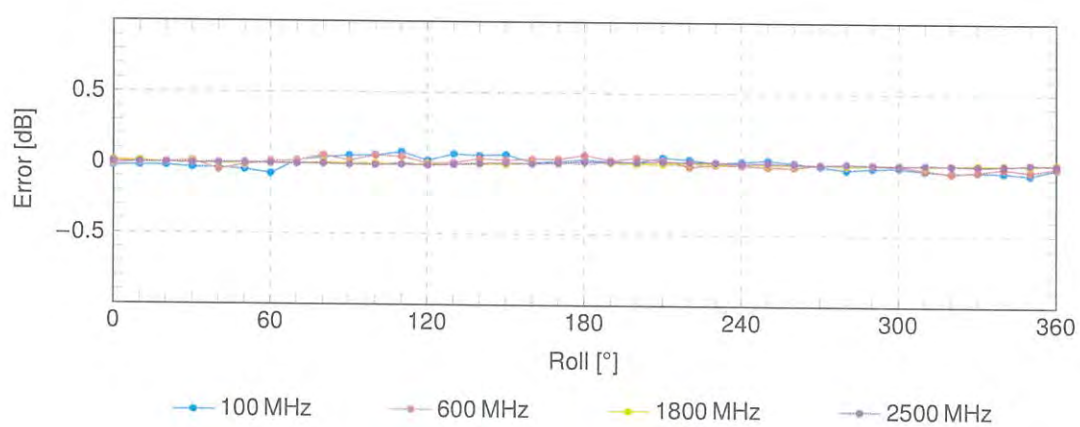
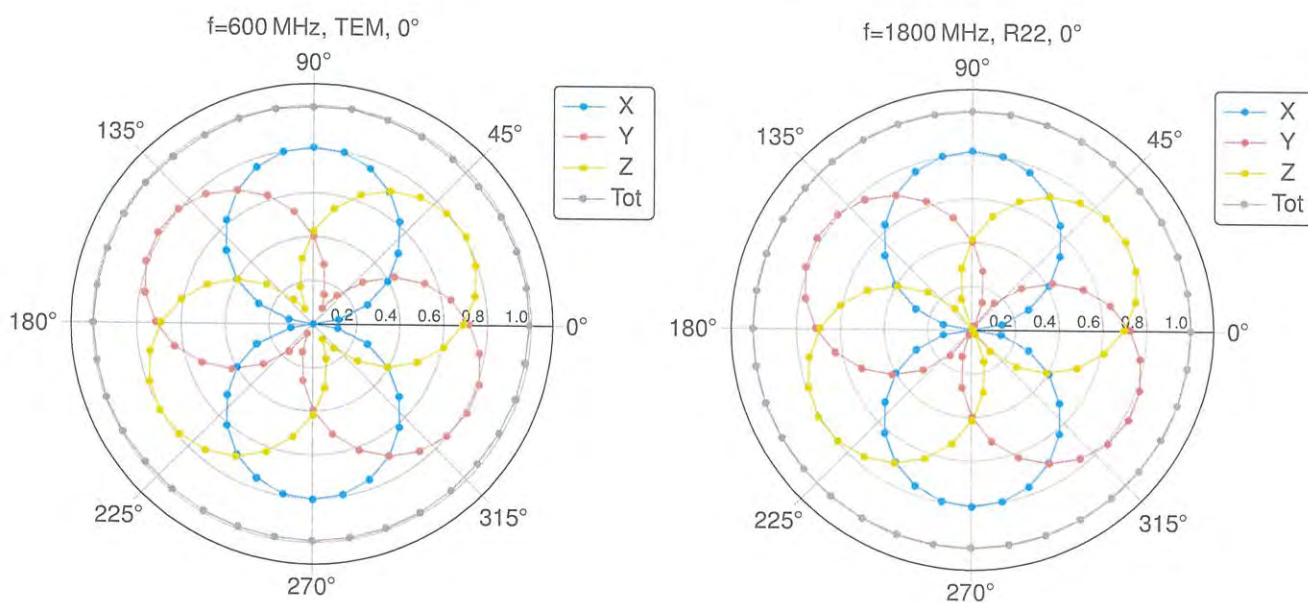


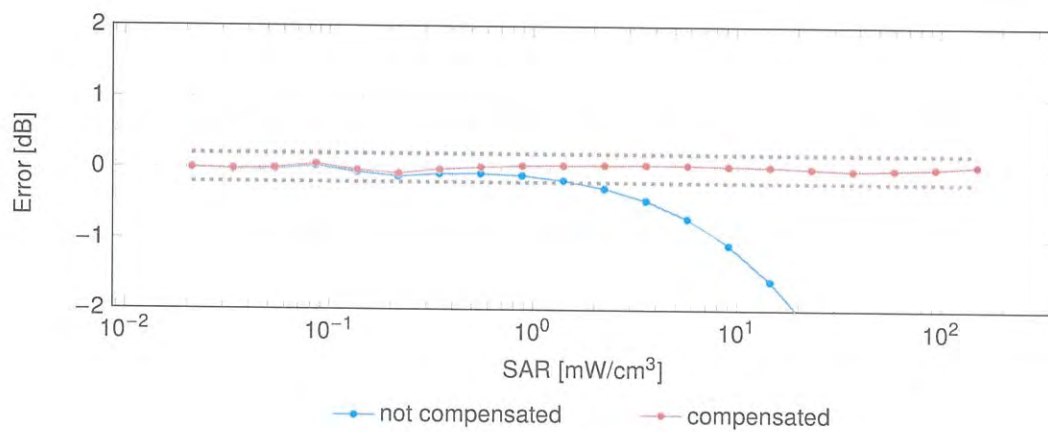
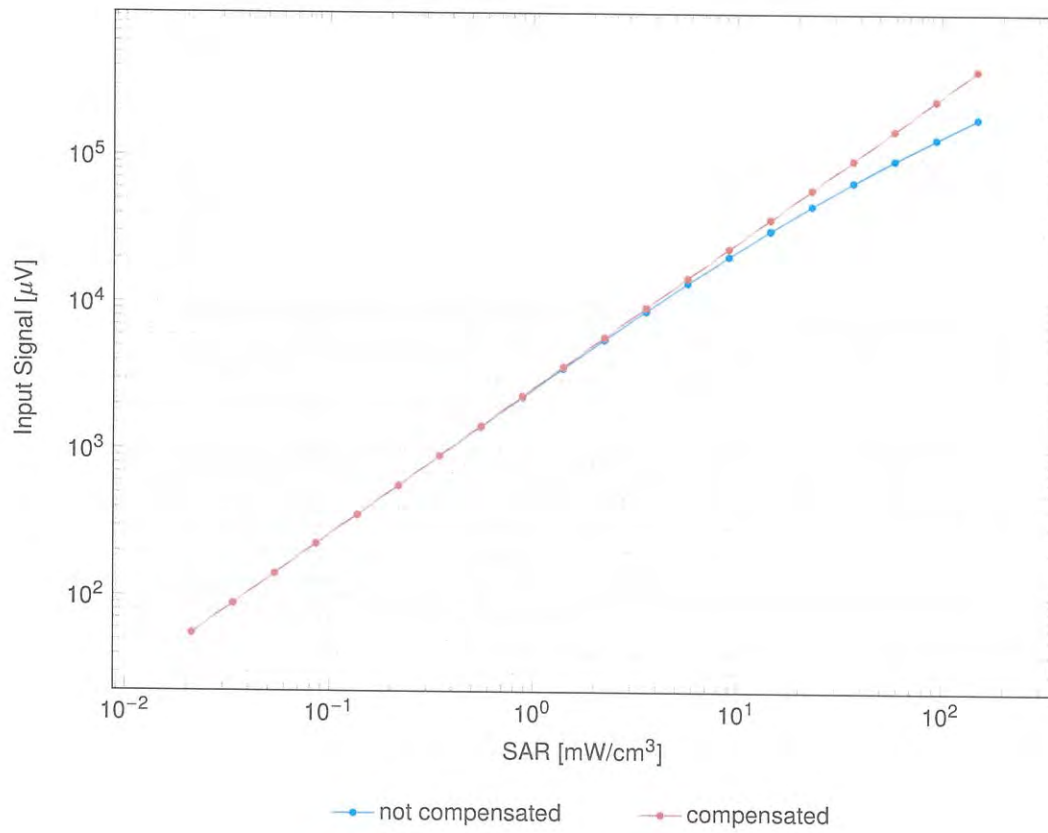
Frequency Response of E-Field

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

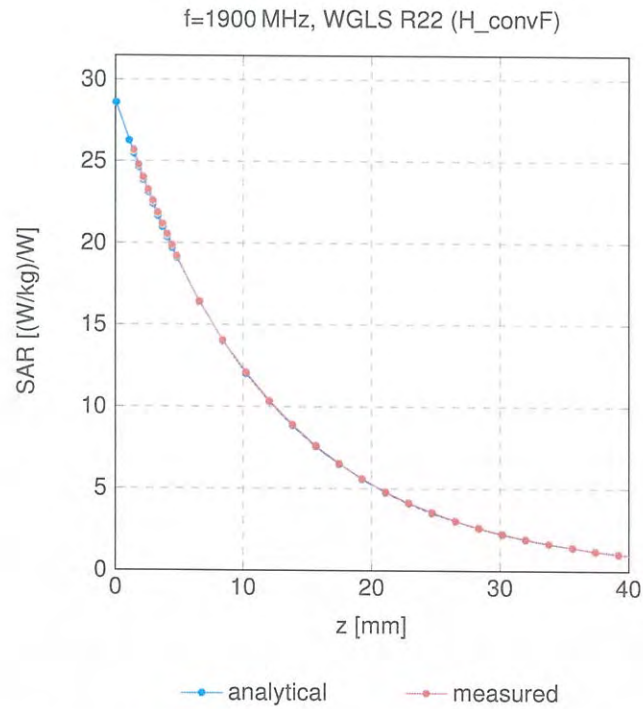


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

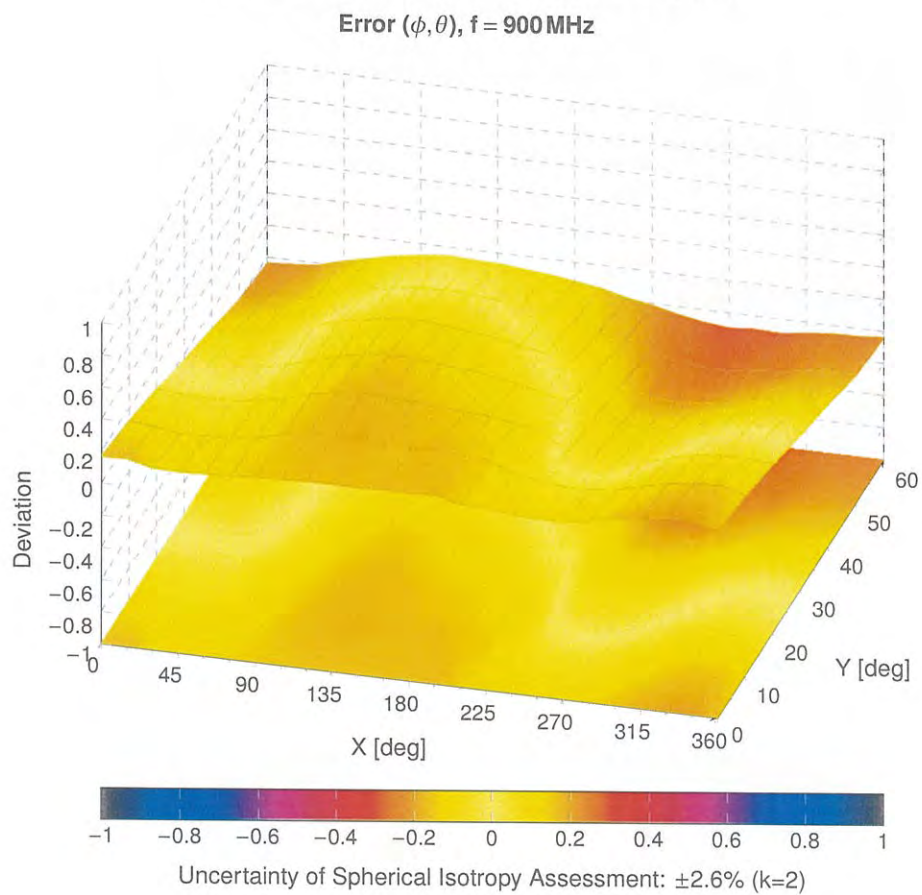
Receiving Pattern (ϕ), $\vartheta = 0^\circ$ Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ ($k=2$)

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 2 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPR	Max. Turn-up (dB)		
		Channel			Channel					
		Frequency (MHz)	1887.5	1880	1882.5	SCPP MPR	Max. Turn-up			
20M	QPSK	1	0	22.82	22.87	22.82	0	24		
		1	50	22.83	22.58	22.69	0	24		
		1	99	22.78	22.73	22.68	0	24		
		50	0	22.66	21.87	21.92	1	23		
	16QAM	50	25	22.14	21.91	21.92	1	23		
		50	50	21.99	21.82	21.91	1	23		
		100	0	22.16	22.01	22.06	1	23		
		1	0	22.18	22.03	22.04	1	23		
	64QAM	1	50	22.06	21.87	21.92	1	23		
		1	99	22.13	21.90	21.91	1	23		
		50	0	20.98	20.86	20.90	2	22		
		50	25	21.09	20.84	20.95	2	22		
10M	QPSK	50	50	20.94	20.89	20.84	2	22		
		100	0	21.10	20.85	20.96	2	22		
		1	0	21.14	21.03	21.08	2	22		
		1	50	20.89	20.74	20.85	2	22		
	16QAM	1	99	20.99	20.88	20.95	2	22		
		50	0	20.14	19.95	19.94	3	21		
		50	25	19.35	19.26	19.13	3	21		
		50	50	19.50	19.35	19.38	3	21		
	64QAM	100	0	20.96	19.83	19.88	3	21		
		50	0	20.96	19.83	19.88	3	21		
		50	25	20.96	19.83	19.88	3	21		
		50	50	20.96	19.83	19.88	3	21		
5M	QPSK	1	0	22.84	22.83	22.77	0	24		
		1	37	22.81	22.50	22.68	0	24		
		1	14	22.70	22.69	22.63	0	24		
		36	0	22.03	21.81	21.90	1	23		
	16QAM	36	19	22.12	21.84	21.87	1	23		
		36	38	21.98	21.74	21.89	1	23		
		75	0	22.15	21.99	21.78	1	23		
		1	0	22.11	21.95	21.98	1	23		
	64QAM	1	37	22.03	21.81	21.90	1	23		
		1	14	22.11	21.83	21.93	2	22		
		36	0	20.13	19.91	19.91	3	21		
		36	19	19.32	19.25	19.07	3	21		
BW	MCS Index	36	38	19.46	19.30	19.36	3	21		
		75	0	20.95	19.77	19.86	3	21		
		75	0	20.95	19.77	19.86	3	21		
		75	0	20.95	19.77	19.86	3	21		
	20M	QPSK	1	0	22.81	22.83	22.74	0	24	
			1	14	22.79	22.55	22.63	0	24	
			1	49	22.76	22.72	22.64	0	24	
			25	0	22.00	21.82	21.91	1	23	
		16QAM	25	12	22.13	21.89	21.87	1	23	
			25	25	21.91	21.75	21.88	1	23	
			50	0	22.15	21.97	21.83	1	23	
			1	0	22.15	22.02	22.08	1	23	
64QAM		1	24	22.02	21.82	21.90	1	23		
		1	49	22.07	21.88	21.88	1	23		
		25	0	20.96	20.75	20.89	2	22		
		25	12	21.01	20.80	20.90	2	22		
10M	QPSK	25	25	20.91	20.83	20.82	2	22		
		50	0	21.09	20.80	20.88	2	22		
		1	0	21.08	21.00	21.04	2	22		
		1	24	20.87	20.67	20.69	2	22		
	16QAM	1	49	20.93	20.80	20.93	2	22		
		25	0	20.13	19.93	19.86	3	21		
		25	12	19.38	19.18	19.07	3	21		
		25	25	19.48	19.34	19.34	3	21		
	64QAM	50	0	20.04	19.75	19.87	3	21		
		50	0	20.04	19.75	19.87	3	21		
		50	0	20.04	19.75	19.87	3	21		
		50	0	20.04	19.75	19.87	3	21		
5M	QPSK	1	0	22.86	22.86	22.76	0	24		
		1	12	22.76	22.53	22.67	0	24		
		1	24	22.72	22.66	22.63	0	24		
		12	0	22.99	21.89	21.89	1	23		
	16QAM	12	13	21.91	21.81	21.88	1	23		
		25	0	22.12	21.96	21.78	1	23		
		1	0	22.10	22.02	22.02	1	23		
		1	12	22.03	21.82	21.88	1	23		
	64QAM	1	24	22.11	21.82	21.90	1	23		
		12	0	20.90	20.77	20.89	2	22		
		12	13	21.06	20.78	20.93	2	22		
		12	13	20.92	20.82	20.79	2	22		
BW	QPSK	25	0	21.04	20.77	20.94	2	22		
		1	0	21.13	21.01	21.00	2	22		
		1	12	20.84	20.66	20.69	2	22		
		1	24	20.86	20.62	20.63	2	22		
	16QAM	12	0	20.09	19.93	19.87	3	21		
		12	13	19.38	19.18	19.13	3	21		
		12	13	19.42	19.31	19.33	3	21		
		25	0	20.04	19.75	19.87	3	21		
	64QAM	25	0	20.04	19.75	19.87	3	21		
		25	0	20.04	19.75	19.87	3	21		
		25	0	20.04	19.75	19.87	3	21		
		25	0	20.04	19.75	19.87	3	21		
3M	QPSK	1	0	22.86	22.79	22.67	0	24		
		1	7	22.81	22.50	22.67	0	24		
		1	14	22.73	22.69	22.67	0	24		
		8	0	22.02	21.82	21.87	1	23		
	16QAM	8	3	22.06	21.90	21.87	1	23		
		8	7	21.95	21.77	21.90	1	23		
		10	0	22.10	21.89	21.91	1	23		
		1	0	22.11	21.98	22.02	1	23		
	64QAM	1	7	21.98	21.85	21.87	1	23		
		1	14	22.11	21.82	21.89	1	23		
		8	0	20.96	20.75	20.82	2	22		
		8	3	21.03	20.82	20.89	2	22		
BW	QPSK	8	7	20.87	20.84	20.82	2	22		
		15	0	21.04	20.78	20.91	2	22		
		1	0	21.07	20.98	21.06	2	22		
		1	7	20.81	20.72	20.58	2	22		
	16QAM	1	14	20.91	20.87	20.93	2	22		
		8	0	20.10	19.90	19.86	3	21		
		8	3	19.27	19.25	19.11	3	21		
		8	7	19.46	19.30	19.35	3	21		
	64QAM	15	0	20.00	19.81	19.85	3	21		
		1	0	20.00	19.81	19.85	3	21		
		1	0	20.00	19.81	19.85	3	21		
		1	0	20.00	19.81	19.85	3	21		
1.4M	QPSK	1	0	22.87	22.80	22.77	0	24		
		1	2	22.80	22.52	22.67	0	24		
		1	5	22.76	22.66	22.63	0	24		
		3	0	22.70	22.49	22.60	0	24		
	16QAM	3	1	22.83	22.59	22.54	0	24		
		3	3	22.64	22.44	22.55	0	24		
		6	0	22.15	21.96	21.84	1	23		
		1	0	22.13	21.96	21.99	1	23		
	64QAM	1	2	22.04	21.79	21.90	1	23		
		3	0	22.08	21.82	21.90	1	23		
		3	1	21.94	21.76	21.85	1	23		
		3	1	22.01	21.83	21.90	1	23		
BW	QPSK	3	3	21.90	21.84	21.83	1	23		
		6	0	21.04	20.83	20.93	2	22		
		1	0	21.07	20.98	21.06	2	22		
		1	2	20.81	20.72	20.60	2	22		
	16QAM	1	5	20.87	20.80	20.93	2	22		
		3	0	21.06	20.89	20.86	2	22		
		3	1	20.99	20.94	20.97	2	22		
		3	3	20.87	20.87	20.87	2	22		
	64QAM	6	0	20.02	19.76	19.83	3	21		
		6	0	20.02	19.76	19.83	3	21		
		6	0	20.02	19.76	19.83	3	21		
		6	0	20.02	19.76	19.83	3	21		

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			23850	23100	23150					
		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			
	16QAM	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			
15M	64QAM	50	25	21.34	21.26	21.25	2	22			
		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	21.45	21.34	21.29	2	22			
		1	99	21.48	21.40	21.39	2	22			
	16QAM	50	0	20.30	20.23	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			
		10M	QPSK			23825	23100	23175			
				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	23.06	0	24			
36	0			22.20	22.04	22.01	1	23			
36	19			22.26	22.16	22.21	1	23			
16QAM	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			
	36		0	21.25	21.09	21.06	2	22			
5M	64QAM	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	21.34	2	22			
		1	74	21.42	21.32	21.37	2	22			
	QPSK	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			
		20M	QPSK			23850	23100	23150			
				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			22.20	22.03	22.05	1	23			
25	12			22.24	22.20	22.18	1	23			
16QAM	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	22.20	22.08	22.07	1	23			
	25		0	21.26	21.10	21.09	2	22			
10M	64QAM	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	21.37	2	22			
		1	49	21.46	21.33	21.34	2	22			
	QPSK	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			
		5M	QPSK			23875	23100	23125			
				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			
16QAM	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	21.91	1	23			
	1		24	22.18	22.11	22.11	1	23			
	12		0	21.21	21.09	21.06	2	22			
20M	64QAM	12	6	21.27	21.21	21.23	2	22			
		12	13	21.31	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			
	QPSK	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							
10M	QPSK	Frequency (MHz)		23960	23995	23930			
		704		704	704	711			
		1	0	22.32	22.25	22.25	0	24	
		1	24	22.31	22.29	22.34	0	24	
		1	49	22.25	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	
10M	16QAM	1	24	21.44	21.45	21.50	1	23	
		1	49	21.62	21.51	21.65	1	23	
		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	
		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	
10M	64QAM	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	
		Channel	23925	23995	23935				
		Frequency (MHz)	701.5	707.5	713.5				
		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	
		12	0	21.31	21.24	21.32	1	23	
		12	6	21.26	21.35	21.35	1	23	
5M	QPSK	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	
		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	
		1	0	20.47	20.46	20.54	2	22	
5M	16QAM	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	19.52	3	21	
		25	0	19.31	19.34	19.40	3	21	
		Channel	23925	23995	23935				
		Frequency (MHz)	701.5	707.5	713.5				
		1	0	22.26	22.23	22.29	0	24	
		1	14	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	21.34	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	21.46	21.60	1	23	
		1	7	21.39	21.40	21.46	1	23	
		1	14	21.60	21.43	21.64	1	23	
		8	0	20.31	20.32	20.37	2	22	
		8	3	20.40	20.38	20.46	2	22	
		8	7	20.48	20.40	20.53	2	22	
3M	16QAM	15	0	20.23	20.15	20.31	2	22	
		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	19.28	19.35	3	21	
		8	7	19.33	19.31	19.35	3	21	
		15	0	19.35	19.28	19.43	3	21	
		Channel	23917	23995	23973				
		Frequency (MHz)	699.7	707.5	715.3				
1.4M	QPSK	1	0	22.24	22.21	22.30	0	24	
		1	2	22.26	22.14	22.32	0	24	
		1	5	22.33	22.20	22.37	0	24	
		3	0	21.99	21.91	22.05	0	24	
		3	1	22.03	22.04	22.02	0	24	
		6	0	21.26	21.21	21.29	1	23	
		1	0	21.49	21.44	21.57	1	23	
		1	2	21.42	21.37	21.48	1	23	
		3	0	21.95	21.43	21.64	1	23	
		3	1	21.37	21.43	21.43	1	23	
1.4M	16QAM	3	3	21.46	21.42	21.57	1	23	
		6	0	20.23	20.21	20.28	2	22	
		1	0	20.47	20.46	20.54	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	3	20.29	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	
		1.4M	64QAM	1	0	20.47	20.46	20.54	2
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	3			20.29	20.32	20.35	2	22	
3	3			20.36	20.27	20.39	2	22	
Channel	23917			23995	23973				
Frequency (MHz)	699.7			707.5	715.3				
1	0			22.24	22.21	22.30	0	24	
1	2			22.26	22.14	22.32	0	24	
1	5	22.33	22.20	22.37	0	24			
3	0	21.99	21.91	22.05	0	24			
3	1	22.03	22.04	22.02	0	24			
6	0	21.26	21.21	21.29	1	23			
1	0	21.49	21.44	21.57	1	23			
1	2	21.42	21.37	21.48	1	23			
3	0	21.95	21.43	21.64	1	23			
3	1	21.37	21.43	21.43	1	23			
3	3	21.46	21.42	21.57	1	23			
6	0	20.23	20.21	20.28	2	22			
1.4M	64QAM	1	0	20.47	20.46	20.54	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	3	20.29	20.32	20.35	2	22	
		3	3	20.36	20.27	20.39	2	22	
		Channel	23917	23995	23973				
		Frequency (MHz)	699.7	707.5	715.3				
		1	0	22.24	22.21	22.30	0	24	
		1	2	22.26	22.14	22.32	0	24	
1	5	22.33	22.20	22.37	0	24			
3	0	21.99	21.91	22.05	0	24			
3	1	22.03	22.04	22.02	0	24			
6	0	21.26	21.21	21.29	1	23			
1	0	21.49	21.44	21.57	1	23			
1	2	21.42	21.37	21.48	1	23			
3	0	21.95	21.43	21.64	1	23			
3	1	21.37	21.43	21.43	1	23			
3	3	21.46	21.42	21.57	1	23			
6	0	20.23	20.21	20.28	2	22			
1.4M	64QAM	1	0	20.47	20.46	20.54	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	3	20.29	20.32	20.35	2	22	
		3	3	20.36	20.27	20.39	2	22	
		Channel	23917	23995	23973				
		Frequency (MHz)	699.7	707.5	715.3				
		1	0	22.24	22.21	22.30	0	24	
		1	2	22.26	22.14	22.32	0	24	
1	5	22.33	22.20	22.37	0	24			
3	0	21.99	21.91	22.05	0	24			
3	1	22.03	22.04	22.02	0	24			
6	0	21.26	21.21	21.29	1	23			
1	0	21.49	21.44	21.57	1	23			
1	2	21.42	21.37	21.48	1	23			
3	0	21.95	21.43	21.64	1	23			
3	1	21.37	21.43	21.43	1	23			
3	3	21.46	21.42	21.57	1	23			
6	0	20.23	20.21	20.28	2	22			
1.4M	64QAM	1	0	20.47	20.46	20.54	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	3	20.29	20.32	20.35	2	22	
		3	3	20.36	20.27	20.39	2	22	
		Channel	23917	23995	23973				
		Frequency (MHz)	699.7	707.5	715.3				
		1	0	22.24	22.21	22.30	0	24	
		1	2	22.26	22.14	22.32	0	24	
1	5	22.33	22.20	22.37	0	24			
3	0	21.99	21.91	22.05	0	24			
3	1	22.03	22.04	22.02	0	24			
6	0	21.26	21.21	21.29	1	23			
1	0	21.49	21.44	21.57	1	23			
1	2	21.42	21.37	21.48	1	23			
3	0	21.95	21.43	21.64	1	23			
3	1	21.37	21.43	21.43	1	23			
3	3	21.46	21.42	21.57	1	23			
6	0	20.23	20.21	20.28	2	22			
1.4M	64QAM	1	0	20.47	20.46	20.54	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	3	20.29	20.32	20.35	2	22	
		3	3	20.36	20.27	20.39	2	22	
		Channel	23917	23995	23973				
		Frequency (MHz)	699.7	707.5	715.3				
		1	0	22.24	22.21	22.30	0	24	
		1	2	22.26	22.14	22.32	0	24	
1	5	22.33	22.20	22.37	0	24			
3	0	21.99	21.91	22.05	0	24			
3	1	22.03	22.04	22.02	0	24			
6	0	21.26	21.21	21.29	1	23			
1	0	21.49	21.44	21.57	1	23			
1	2	21.42	21.37	21.48	1	23			
3	0	21.95	21.43	21.64	1	23			
3	1	21.37	21.43	21.43	1	23			
3	3	21.46	21.42	21.57	1	23			
6	0	20.23	20.21	20.28	2	22			
1.4M	64QAM	1	0	20.47	20.46	20.54	2	22	
		1	2	20.47	20.54	20.55</			

LTE Band 14 (Ant2)									
BW	MCS Index	RB Size	RB Offset	Mid		SCPP MPK (dB)	Max. Tune-up (dB)		
		Channel		2350	793				
		Frequency (MHz)							
10M	QPSK	1	0	22.62	0	24			
		1	24	22.72	0	24			
		1	48	22.48	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			
	16QAM	25	0	20.81	2	22			
		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			
		25	0	19.83	3	21			
		25	12	19.94	3	21			
		25	25	19.87	3	21			
5M	QPSK	50	0	19.80	3	21			
		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	21.69	1	23	
	16QAM	1	0	22.23	22.27	22.23	1	23	
		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	20.79	2	22	
		12	6	20.82	20.88	20.84	2	22	
		12	13	20.66	20.73	20.72	2	22	
		25	0	20.82	20.81	20.78	2	22	
	64QAM	1	0	20.45	20.52	20.53	2	22	
		1	12	20.70	20.69	20.65	2	22	
		1	24	20.80	20.64	20.63	2	22	
		12	0	19.76	19.78	19.81	3	21	
		12	6	19.86	19.92	19.89	3	21	
		12	13	19.85	19.79	19.85	3	21	

LTE Band 17 (Ant2)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPK (dB)	Max. Tune-up (dB)	
		Channel		2378	2378	2380			
		Frequency (MHz)		798	798	791			
10M	QPSK	1	0	22.08	22.33	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	21.51	21.33	1		
		25	12	21.41	21.20	20.93	1		
		25	25	20.72	20.25	19.98	1		
		50	0	21.02	20.99	20.74	1		
		1	0	21.68	21.45	21.83	1		
		1	24	21.63	21.48	21.00	1		
		1	48	20.37	19.93	20.12	1		
	16QAM	25	0	20.45	20.45	20.38	2		
		25	12	20.48	20.19	20.02	2		
		25	25	19.80	19.24	19.05	2		
		50	0	20.07	20.00	19.84	2		
		1	0	20.30	20.60	20.97	2		
		1	24	20.25	20.58	20.11	2		
		1	48	19.12	19.05	19.27	2		
		25	0	19.42	19.51	19.26	3		
		25	12	19.30	19.28	18.87	3		
		25	25	18.76	18.33	17.91	3		
5M	QPSK	50	0	19.40	19.58	18.76	3		
		1	0	22.04	22.28	22.69	0		
		1	12	22.07	22.26	21.69	0		
		1	24	20.76	20.68	20.90	0		
		12	0	21.37	21.48	21.26	1		
		12	6	21.89	21.12	20.91	1		
		12	13	20.64	20.20	19.90	1		
		25	0	20.96	20.97	20.68	1		
	16QAM	1	0	21.61	21.40	21.81	1		
		1	12	21.57	21.41	20.95	1		
		1	24	20.30	19.88	20.10	1		
		12	0	20.37	20.46	20.33	2		
		12	6	20.40	20.18	20.00	2		
		12	13	19.76	19.19	18.97	2		
		25	0	19.99	19.99	19.82	2		
	64QAM	1	0	20.26	20.55	20.89	2		
		1	12	20.19	20.56	20.08	2		
		1	24	19.09	18.99	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		

LTE Band 25 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPK (dB)	Max. Tune-up (dB)		
		Channel		2640	2640	2609				
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	22.21	22.15	22.14	1	23		
		50	25	22.24	22.23	22.16	1	23		
		50	50	22.19	22.15	22.16	1	23		
		100	0	22.22	22.19	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		
	16QAM	50	0	21.26	21.19	21.14	2	22		
		50	25	21.24	21.24	21.21	2	22		
		50	50	21.21	21.13	21.13	2	22		
		100	0	21.20	21.15	21.18	2	22		
		1	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	20.18	20.09	20.14	3	21		
		50	25	20.21	20.21	20.18	3	21		
		50	50	20.19	20.10	20.15	3	21		
		100	0	20.19	20.17	20.20	3	21		
15M	QPSK	1	0	22.99	22.95	23.01	0	24		
		1	37	22.92	22.97	22.89	0	24		
		1	74	22.83	22.82	22.86	0	24		
		36	0	22.20	22.11	22.11	1	23		
		36	19	22.21	22.22	22.10	1	23		
		36	39	22.16	22.09	22.14	1	23		
		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		
	16QAM	1	74	22.23	22.14	22.10	2	22		
		36	0	21.25	21.14	21.06	2	22		
		36	19	21.18	21.21	21.17	2	22		
		36	39	21.19	21.06	21.08	2	22		
		75	0	21.14	21.07	21.19	2	22		
		1	0	21.54	21.49	21.35	2	22		
		1	37	21.34	21.29	21.31	2	22		
		1	74	21.36	21.19	21.27	2	22		
		36	0	20.16	20.01	20.13	3	21		
		36	19	20.15	20.18	20.14	3	21		
		75	0	20.17	20.02	20.14	3	21		
	10M	QPSK	1	0	22.99	22.92	23.00	0	24	
1			24	22.02	22.97	22.86	0	24		
1			48	22.84	22.81	22.86	0	24		
25			0	22.18	22.09	22.12	1	23		
25			12	22.22	22.16	22.11	1	23		
25			25	22.13	22.07	22.14	1	23		
50			0	22.30	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		
16QAM		1	48	22.18	22.16	22.17	1	23		
		25	0	21.23	21.13	21.12	2	22		
		25	12	21.22	21.17	21.16	2	22		
		25	25	21.15	21.05	21.11	2	22		
		50	0	21.19	21.13	21.11	2	22		
64QAM		1	0	21.50	21.43	21.37	2	22		
		1	24	21.31	21.19	21.40	2	22		
		1	48	21.32	21.28	21.29	2	22		
		25	0	20.10	20.05	20.09	3	21		
		25	12	20.15	20.16	20.16	3	21		
		25	25	20.16	20.04	20.13	3	21		
		50	0	20.17	20.10	20.15	3	21		
	5M	QPSK	1	0	22.97	22.94	22.95	0	24	
			1	12	22.99	22.94	22.97	0	24	
			1	24	22.85	22.87	22.87	0	24	
			12	0	22.21	22.15	22.12	1	23	
12			6	22.16	22.21	22.11	1	23		
12			13	22.17	22.07	22.14	1	23		
25			0	22.14	22.17	22.12	1	23		
1			0	22.37	22.32	22.33	1	23		
1			12	22.17	22.20	22.20	1	23		
16QAM		1	24	22.20	22.13	22.17	1	23		
		12	0	21.18	21.14	21.12	2	22		
		12	6	21.16	21.22	21.15	2	22		
		12	13	21.13	21.12	21.11	2	22		
		25	0	21.19	21.10	21.11	2	22		
64QAM		1	0	21.21	21.09	21.45	2	22		
		1	12	21.37	21.32	21.29	2	22		
		1	24	21.32	21.34	21.28	2	22		
		12	0	20.10	20.07	20.09	3	21		
		12	6	20.13	20.20	20.16	3	21		
		12	13	20.12	20.05	20.13	3	21		
		25	0	20.13	20.15	20.17	3	21		
	3M	QPSK	1	0	22.99	22.93	22.97	0	24	
			1	7	22.96	22.94	22.97	0	24	
			1	14	22.87	22.88	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	22.25	22.14	22.14	1	23		
15			0	22.17	22.18	22.16	1	23		
1			0	22.41	22.26	22.38	1	23		
1			7	22.16	22.21	22.17	1	23		
16QAM		1	14	22.23	22.22	22.20	1	23		
		8	0	21.24	21.21	21.09	2	22		
		8	3	21.18	21.16	21.19	2	22		
		8	7	21.20	21.11	21.09	2	22		
		15	0	21.15	21.07	21.14	2	22		
64QAM		1	0	21.54	21.45	21.41	2	22		
		1	7	21.36	21.30	21.30	2	22		
		1	14	21.36	21.28	21.30	2	22		
		8	0	20.10	20.05	20.09	3	21		
		8	3	20.19	20.13	20.17	3	21		
		8	7	20.11	20.09	20.13	3	21		
		15	0	20.17	20.09	20.13	3	21		
	1.4M	QPSK	1	0	22.97	22.94	22.93	0	24	
			1	7	22.94	22.88	22.84	0	24	
			1	14	22.85	22.87	22.86	0	24	
			3	0	22.25	22.23	22.23	0	24	
3			1	22.82	22.85	22.84	0	24		
3			3	22.13	22.17	22.08	0	24		
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		
16QAM		1	5	22.20	22.18	22.17	1	23		
		3	0	22.19	22.14	22.12	1	23		
		3	1	22.18	22.22	22.16	1	23		
		3	3	22.09	22.11	22.11	1	23		
		6	0	21.17	21.09	21.11	2	22		
64QAM		1	0	21.49	21.49	21.37	2	22		
		1	2	21.36	21.36	21.36	2	22		
		1	5	21.34	21.31	21.26	2	22		
		3	0	20.10	21.03	21.06	2	22		
		3	1	21.19	21.13	21.16	2	22		
		3	3	21.14	21.14	21.14	2	22		
		6	0	20.17	20.05	20.16	3	21		
	BW	MCS Index	Channel	26047	26040	26033	3dpp MPK	Max. Tune-up		
			Frequency (MHz)	1893.7	1889	1884.3				
			1	0	23.04	22.98	22.94	0	24	
			1	2	22.98	22.97	22.98	0	24	
1			5	22.50	22.53	22.50	0	24		
3			1	22.82	22.85	22.84	0	24		
3			3	22.13	22.17	22.08	0	24		
6			0	22.18	22.18	22.15	1	23		
1			0	22.35	22.33	22.34	1	23		
QPSK		1	2	22.20	22.20	22.21	1	23		
		1	5	22.20	22.18	22.17	1	23		
		3	0	22.19	22.14	22.12	1	23		
		3	1	22.18	22.22	22.16	1	23		
		3	3	22.09	22.11	22.11	1	23		
		6	0	21.17	21.09	21.11	2	22		
		8	0	21.49	21.49	21.37	2	22		
		1	2	21.36	21.36	21.36	2	22		
		1	5	21.34	21.31	21.26	2	22		
		3	0	20.10	21.03	21.06	2	22		
		3	1	21.19	21.13	21.16	2	22		
		3	3	21.14	21.14	21.14	2	22		

LTE Band 26 for FCC SAR (Ant2)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP MPR	Max. Tune-up		
		Channel Frequency (MHz)	26765	26865	26965	27065				
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		
		36	0	21.38	21.44	21.47	1	23		
		36	19	21.30	21.35	21.46	1	23		
	16QAM	36	39	21.38	21.41	21.54	1	23		
		75	0	21.37	21.38	21.49	1	23		
		1	0	21.51	21.55	21.70	1	23		
		1	37	21.82	21.82	21.88	1	23		
		1	74	21.70	21.80	21.88	1	23		
10M	16QAM	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		
	64QAM	1	37	20.24	20.29	20.32	2	22		
		1	74	20.01	20.04	20.15	2	22		
		36	0	19.48	19.48	19.61	3	21		
		36	19	19.48	19.50	19.53	3	21		
		36	39	19.42	19.42	19.58	3	21		
BW	MCS Index	Channel	26765	26865	26965	27065	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	831	831.5	841	841	MPR			
		1	0	22.28	22.28	22.45	0	24		
	QPSK	1	24	22.36	22.30	22.43	0	24		
		1	49	22.11	22.12	22.34	1	24		
		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		
	16QAM	50	0	21.35	21.31	21.44	1	23		
		1	0	21.45	21.47	21.68	1	23		
		1	24	21.80	21.74	21.97	1	23		
		1	49	21.62	21.76	21.83	1	23		
		25	0	20.34	20.28	20.51	2	22		
BW	MCS Index	Channel	26765	26865	27025	27025	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	831.5	831.5	841.5	841.5	MPR			
		1	0	22.26	22.26	22.45	0	24		
	QPSK	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		
	16QAM	25	0	21.29	21.36	21.44	1	23		
		1	0	21.49	21.47	21.68	1	23		
		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		
3M	16QAM	12	6	20.21	20.30	20.40	2	22		
		12	13	20.28	20.33	20.49	2	22		
		25	0	20.24	20.31	20.38	2	22		
		1	0	20.35	20.46	20.60	2	22		
		1	12	20.20	20.24	20.24	2	22		
	64QAM	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	26765	26865	27003	27003	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	831.5	831.5	841.5	841.5	MPR			
		1	0	22.25	22.32	22.45	0	24		
	QPSK	1	7	22.29	22.32	22.46	0	24		
		1	14	22.11	22.14	22.31	0	24		
		8	0	21.52	21.39	21.45	1	23		
		8	3	21.22	21.33	21.40	1	23		
		8	7	21.30	21.40	21.52	1	23		
	16QAM	15	0	21.33	21.33	21.41	1	23		
		1	0	21.43	21.54	21.68	1	23		
		1	7	21.77	21.77	21.84	1	23		
		1	14	21.68	21.72	21.87	1	23		
		8	0	20.28	20.32	20.47	2	22		
1.4M	16QAM	8	3	20.34	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		
		1	0	20.42	20.40	20.44	2	22		
		1	7	20.18	20.21	20.26	2	22		
	64QAM	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	26697	26865	27033	27033	SCPP MPR	Max. Tune-up		
		Frequency (MHz)	841.7	831.5	841.5	841.5	MPR			
		1	0	22.23	22.30	22.42	0	24		
	QPSK	1	2	22.35	22.35	22.40	0	24		
		1	5	22.12	22.13	22.30	0	24		
		3	0	22.18	22.18	22.25	0	24		
		3	1	22.05	22.08	22.21	0	24		
		3	3	22.16	22.13	22.32	0	24		
	16QAM	6	0	21.82	21.80	21.46	1	23		
		1	0	21.47	21.50	21.65	1	23		
		1	2	21.74	21.81	21.93	1	23		
		1	5	21.66	21.75	21.87	1	23		
		3	0	21.30	21.34	21.47	1	23		
64QAM	3	1	21.20	21.32	21.43	1	23			
	3	3	21.27	21.36	21.46	1	23			
	6	0	20.30	20.25	20.42	2	22			
	1	0	20.36	20.41	20.54	2	22			
	1	2	20.18	20.27	20.26	2	22			

LTE Band 30 (Ant1)										
BW	MCS Index	RB Size	RB Offset	Mid		SCPP MPR (dB)	Max. Tune-up (dB)			
		Channel		27750						
		Frequency (MHz)								
10M	QPSK	1	0	23.37	23.37	0	24			
		1	24	23.32	23.32	0	24			
		1	49	23.22	23.22	0	24			
		25	0	22.41	22.41	1	23			
		25	12	22.38	22.38	1	23			
	16QAM	25	25	22.45	22.45	1	23			
		50	0	22.37	22.37	1	23			
		1	0	22.68	22.68	1	23			
		1	24	22.60	22.60	1	23			
		1	49	22.63	22.63	1	23			
	64QAM	25	0	21.51	21.51	2	22			
		25	12	21.53	21.53	2	22			
		25	25	21.55	21.55	2	22			
		50	0	21.47	21.47	2	22			
		1	0	21.74	21.74	2	22			
	5M	QPSK	1	0	23.33	23.32	0	24		
			1	24	23.31	23.31	0	24		
			1	49	23.18	23.18	0	24		
			25	0	22.41	22.41	1	23		
			25	12	22.33	22.33	1	23		
16QAM		25	25	22.45	22.45	1	23			
		50	0	22.37	22.37	1	23			
		1	0	22.68	22.68	1	23			
		1	24	22.58	22.54	1	23			
		1	49	22.56	22.58	1	23			
5M	QPSK	12	0	21.45	21.44	2	22			
		12	6	21.31	21.33	2	22			
		12	13	21.37	21.43	2	22			
		25	0	20.35	20.29	3	21			
		25	12	20.34	20.33	3	21			
	16QAM	12	6	20.34	20.41	2	22			
		12	13	20.37	20.43	2	22			
		25	0	20.43	20.37	3	21			
		64QAM	12	0	20.43	20.37	3	21		
			12	6	20.34	20.41	2	22		
12	13		20.37	20.43	2	22				
25	0		20.43	20.37	3	21				
25	12		20.34	20.33	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)	99792	99792	40632	40632	41253	41253	309P MPR	Max. Tune-up (dB)		
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	21.74	21.86	21.64	21.44	21.38	1	23		
		50	25	21.83	21.93	21.64	21.51	21.36	1	23		
		50	50	21.69	21.81	21.60	21.40	21.34	1	23		
		100	0	21.63	21.91	21.66	21.46	21.38	1	23		
		1	0	21.85	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		
20M	16QAM	50	0	20.80	20.85	20.65	20.40	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		
		1	50	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	19.65	19.47	19.41	3	21		
64M	64QAM	100	0	19.84	19.89	19.70	19.52	19.42	3	21		
		Channel Frequency (MHz)										
		1	0	22.85	22.83	22.63	22.53	22.40	0	24		
		1	37	22.46	22.58	22.26	22.05	22.08	0	24		
		1	74	22.55	22.69	22.37	22.16	22.07	0	24		
		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	39	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	21.29	21.21	1	23		
		1	74	21.60	21.79	21.51	21.29	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		
		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	19.50	19.43	19.34	3	21		
10M	64QAM	36	19	19.75	19.84	19.62	19.55	19.40	3	21		
		36	39	19.80	19.93	19.61	19.42	19.39	3	21		
		75	0	19.82	19.81	19.65	19.50	19.3	3	21		
		Channel Frequency (MHz)										
		1	0	22.78	22.90	22.59	22.46	22.32	0	24		
		1	24	22.47	22.53	22.31	22.06	22.00	0	24		
		1	49	22.50	22.66	22.36	22.20	22.05	0	24		
		25	0	21.71	21.80	21.62	21.36	21.35	1	23		
		25	12	21.81	21.86	21.59	21.40	21.34	1	23		
		25	25	21.63	21.73	21.58	21.30	21.29	1	23		
10M	16QAM	50	0	21.82	21.89	21.58	21.44	21.36	1	23		
		1	0	21.78	21.90	21.61	21.47	21.40	1	23		
		1	24	21.69	21.76	21.57	21.31	21.26	1	23		
		1	49	21.64	21.74	21.49	21.36	21.19	1	23		
		25	0	20.74	20.77	20.64	20.38	20.34	2	22		
		25	12	20.76	20.85	20.65	20.45	20.34	2	22		
		25	25	20.68	20.80	20.57	20.43	20.29	2	22		
		50	0	20.85	20.86	20.64	20.42	20.33	2	22		
		1	0	20.37	20.55	20.27	20.14	20.07	2	22		
		1	24	20.41	20.44	20.24	20.09	19.89	2	22		
10M	64QAM	1	49	20.33	20.37	20.19	20.01	19.93	2	22		
		25	0	19.74	19.82	19.66	19.38	19.30	3	21		
		25	12	19.81	19.90	19.60	19.53	19.41	3	21		
		25	25	19.77	19.86	19.59	19.42	19.39	3	21		
		50	0	19.83	19.83	19.68	19.50	19.36	3	21		
		Channel Frequency (MHz)										
		1	0	22.81	22.87	22.59	22.48	22.34	0	24		
		1	12	22.47	22.53	22.30	22.09	22.03	0	24		
		1	24	22.53	22.62	22.40	22.14	22.07	0	24		
		12	0	21.70	21.81	21.59	21.40	21.31	1	23		
5M	QPSK	12	6	21.75	21.82	21.59	21.45	21.38	1	23		
		12	13	21.65	21.76	21.59	21.33	21.28	1	23		
		25	0	21.77	21.89	21.61	21.43	21.36	1	23		
		1	0	21.78	21.93	21.65	21.41	21.40	1	23		
		1	12	21.64	21.80	21.54	21.30	21.27	1	23		
		1	24	21.64	21.73	21.52	21.30	21.22	1	23		
		12	0	20.72	20.79	20.58	20.42	20.38	2	22		
		12	6	20.72	20.81	20.60	20.42	20.35	2	22		
		25	0	20.73	20.79	20.59	20.44	20.34	2	22		
		25	0	20.81	20.87	20.60	20.43	20.40	2	22		
5M	16QAM	1	0	20.38	20.54	20.30	20.11	20.04	2	22		
		1	12	20.36	20.48	20.20	20.12	19.92	2	22		
		1	24	20.27	20.43	20.22	19.98	19.98	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	13	19.76	19.89	19.57	19.45	19.37	3	21		
		25	0	19.78	19.87	19.67	19.44	19.34	3	21		
		Channel Frequency (MHz)										
		5M										
		1	0	22.81	22.87	22.59	22.48	22.34	0	24		

LTE Band 42 Part27Q (Ant7)											
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up			
		Channel Frequency (MHz)	42510	42516	42520	42590			42596		
QPSK	16QAM	1	0	22.72	22.58	22.60	0	24			
		1	50	22.68	22.50	22.54	0	24			
		1	99	22.60	22.40	22.50	0	24			
		50	0	21.70	21.57	21.55	1	23			
		50	25	21.62	21.57	21.51	1	23			
		50	50	21.61	21.48	21.50	1	23			
		100	0	21.67	21.59	21.54	1	23			
		1	0	21.70	21.60	21.61	1	23			
		1	50	21.57	21.51	21.46	1	23			
		1	99	21.54	21.36	21.40	1	23			
QPSK	64QAM	50	0	20.62	20.52	20.48	2	22			
		50	25	20.67	20.59	20.53	2	22			
		50	50	20.55	20.45	20.46	2	22			
		100	0	20.66	20.52	20.52	2	22			
		1	0	20.28	20.18	20.19	2	22			
		1	50	20.20	20.14	20.08	2	22			
		1	99	20.11	20.06	20.03	2	22			
		50	0	19.66	19.52	19.48	3	21			
		50	25	19.57	19.52	19.49	3	21			
		50	50	19.57	19.44	19.39	3	21			
QPSK	64QAM	100	0	19.62	19.54	19.51	3	21			
		Channel Frequency (MHz)			42510	42516	42520	42590	42596	MPR	Max. Tune-up
		1	0	22.87	22.51	22.53	0	24			
		1	37	22.66	22.47	22.50	0	24			
		1	74	22.55	22.37	22.49	0	24			
		36	0	21.66	21.52	21.50	1	23			
		36	19	21.54	21.56	21.46	1	23			
		36	38	21.57	21.43	21.49	1	23			
		75	0	21.61	21.57	21.49	1	23			
		75	0	21.63	21.55	21.49	1	23			
QPSK	16QAM	37	17	21.49	21.47	21.41	1	23			
		1	74	21.42	21.28	21.38	1	23			
		36	0	20.54	20.46	20.40	2	22			
		36	19	20.61	20.57	20.47	2	22			
		36	38	20.48	20.39	20.44	2	22			
		75	0	20.59	20.45	20.47	2	22			
		1	0	20.21	20.13	20.07	2	22			
		37	17	20.12	20.03	20.02	2	22			
		1	74	20.03	20.05	20.01	2	22			
		36	19	19.62	19.48	19.40	3	21			
QPSK	64QAM	36	39	19.49	19.51	19.47	3	21			
		36	39	19.53	19.35	19.31	3	21			
		75	0	19.56	19.52	19.48	3	21			
		Channel Frequency (MHz)			42510	42516	42520	42590	42596	MPR	Max. Tune-up
		1	0	22.68	22.53	22.53	0	24			
		1	24	22.60	22.49	22.49	0	24			
		1	49	22.56	22.40	22.49	0	24			
		25	0	21.64	21.55	21.50	1	23			
		25	12	21.55	21.52	21.49	1	23			
		25	25	21.53	21.46	21.45	1	23			
50	0	21.48	21.51	21.52	1	23					
QPSK	16QAM	50	0	21.42	21.54	21.53	1	23			
		1	24	21.51	21.49	21.46	1	23			
		1	49	21.47	21.31	21.48	1	23			
		25	0	20.56	20.45	20.43	2	22			
		25	12	20.60	20.54	20.51	2	22			
		25	25	20.47	20.43	20.40	2	22			
		50	0	20.57	20.48	20.46	2	22			
		1	0	20.24	20.13	20.11	2	22			
		1	24	20.12	20.13	20.06	2	22			
		1	49	20.07	20.01	19.95	2	22			
QPSK	64QAM	25	0	19.63	19.51	19.45	3	21			
		25	12	19.49	19.51	19.47	3	21			
		25	25	19.53	19.39	19.31	3	21			
		50	0	19.60	19.52	19.48	3	21			
		Channel Frequency (MHz)			42510	42516	42520	42590	42596	MPR	Max. Tune-up
		1	0	22.70	22.53	22.53	0	24			
		1	12	22.66	22.47	22.53	0	24			
		1	24	22.52	22.52	22.45	0	24			
		12	0	21.67	21.51	21.45	1	23			
		12	6	21.60	21.50	21.46	1	23			
12	13	21.58	21.40	21.48	1	23					
QPSK	16QAM	25	0	21.66	21.57	21.46	1	23			
		1	0	21.63	21.52	21.55	1	23			
		1	12	21.54	21.46	21.44	1	23			
		1	24	21.50	21.42	21.35	1	23			
		12	0	20.56	20.44	20.46	2	22			
		12	6	20.58	20.51	20.52	2	22			
		12	13	20.47	20.51	20.41	2	22			
		25	0	20.63	20.44	20.51	2	22			
		1	0	20.20	20.14	20.14	2	22			
		1	12	20.17	20.08	20.06	2	22			
QPSK	64QAM	24	0	20.09	19.98	19.98	2	22			
		12	0	19.60	19.45	19.46	3	21			
		12	6	19.56	19.50	19.41	3	21			
		12	13	19.52	19.36	19.36	3	21			
		25	0	19.63	19.48	19.49	3	21			
		Channel Frequency (MHz)			42510	42516	42520	42590	42596	MPR	Max. Tune-up

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	Max. Tune-up (dBm)	
		Channel	132672	132672	132672	132672			
20M	QPSK	Frequency (MHz)	1716	1716	1717	1718			
		1	0	22.95	23.07	23.54	0	24	
		1	50	22.87	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	23.13	1	23	
		1	50	22.55	22.63	23.15	1	23	
15M	16QAM	1	99	22.64	22.66	23.24	1	23	
		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	
10M	64QAM	50	50	20.46	20.58	21.08	3	21	
		100	0	20.48	20.50	21.08	3	21	
		Channel	132647	132647	132647	132647	3GPP MPR	Max. Tune-up	
		Frequency (MHz)	1717.5	1716	1717.5	1717.5			
		1	0	22.89	23.05	23.48	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	
5M	16QAM	75	0	22.14	22.20	22.65	1	23	
		1	0	22.39	22.61	23.10	1	23	
		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	
1.4M	QPSK	1	74	21.77	21.75	22.34	2	22	
		36	0	20.53	20.67	21.08	3	21	
		36	19	20.56	20.61	21.13	3	21	
		36	39	20.54	20.58	21.07	3	21	
		75	0	20.46	20.42	21.07	3	21	
		Channel	132622	132622	132622	132622	3GPP MPR	Max. Tune-up	
		Frequency (MHz)	1715	1716	1715	1715			
		1	0	22.92	23.01	23.52	0	24	
		1	24	22.95	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			
1.4M	64QAM	1	0	22.40	22.54	23.05	1	23	
		1	24	22.52	22.57	23.13	1	23	
		1	49	22.62	22.59	23.19	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	
20M	QPSK	25	0	20.52	20.61	21.13	3	21	
		25	12	20.53	20.61	21.06	3	21	
		25	25	20.51	20.50	21.02	3	21	
		50	0	20.47	20.44	21.03	3	21	
		Channel	132597	132597	132597	132597	3GPP MPR	Max. Tune-up	
		Frequency (MHz)	1712.5	1716	1717.5	1717.5			
		1	0	22.90	23.00	23.49	0	24	
		1	12	22.95	22.99	23.59	0	24	
		1	24	23.03	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			
15M	16QAM	1	0	22.40	22.57	23.10	1	23	
		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	
10M	64QAM	12	0	20.54	20.64	21.07	3	21	
		12	6	20.46	20.55	21.12	3	21	
		12	13	20.42	20.53	21.00	3	21	
		25	0	20.42	20.48	21.05	3	21	
		Channel	132572	132572	132572	132572	3GPP MPR	Max. Tune-up	
		Frequency (MHz)	1710.5	1716	1717.5	1717.5			
		1	0	22.89	23.05	23.49	0	24	
		1	14	22.90	23.08	23.56	0	24	
		8	0	22.16	22.23	22.78	1	23	
		8	7	22.16	22.32	22.74	1	23	
8	7	22.13	22.27	22.80	1	23			
15	0	22.12	22.23	22.70	1	23			
5M	16QAM	1	0	22.42	22.54	23.11	1	23	
		1	7	22.47	22.59	23.10	1	23	
		1	14	22.61	22.60	23.22	1	23	
		8	0	21.52	21.60	22.07	2	22	
		8	7	21.46	21.57	22.08	2	22	
		8	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	21.81	21.83	22.28	2	22	
		1	14	21.76	21.80	22.32	2	22	
1.4M	QPSK	8	0	20.56	20.61	21.14	3	21	
		8	1	20.52	20.48	21.13	3	21	
		8	3	20.47	20.57	21.04	3	21	
		15	0	20.45	20.49	21.03	3	21	
		Channel	132547	132547	132547	132547	3GPP MPR	Max. Tune-up	
		Frequency (MHz)	1707.5	1716	1717.5	1717.5			
		1	0	22.87	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			
1.4M	16QAM	6	0	22.17	22.19	22.71	1	23	
		1	0	22.42	22.55	23.07	1	23	
		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	21.81	21.79	22.29	2	22	
1.4M	64QAM	1	5	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	
		3	1	21.43	21.50	22.07	2	22	
		6	0	20.44	20.45	21.03	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
		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
	DFT-s-OFDM QPSK	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
		1	1	22.43	22.44	22.42	23
		1	1	20.78	20.88	20.74	21.5
		1	1	18.60	18.60	18.54	19.5
		1	1	18.60	18.60	18.54	19.5
		1	1	18.60	18.60	18.54	19.5
		1	1	18.60	18.60	18.54	19.5
		1	1	18.60	18.60	18.54	19.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
15M	DFT-s-OFDM QPSK	1	1	23.15	23.18	23.14	24
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
10M	DFT-s-OFDM QPSK	1	1	23.11	23.16	23.12	24
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
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 755QAM	1	1	18.07	18.07	17.96	19.5	
	BW	MCS Index	Channel		166300	167300	168300	Max. Tune-up
	15M	DFT-s-OFDM QPSK	1	1	22.72	22.76	22.73	24
	BW	MCS Index	Channel		165800	167300	168800	Max. Tune-up
	10M	DFT-s-OFDM QPSK	1	1	22.68	22.73	22.70	24
	BW	MCS Index	Channel		165300	167300	169300	Max. Tune-up
	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		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		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		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		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 15QAM	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 QPSK	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	
	DFT-s-OFDM QPSK	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	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	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	Max. Tune-up
		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	528996	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
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequency (MHz)		3555	3624.99	3684.98	
10M	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	634000		
		Frequency (MHz)		3500.01	3500.01		
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 P/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		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
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	2659.98	
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	2674.98	
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+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+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	2644.98	
90M	DFT+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+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	2659.98	
60M	DFT+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+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+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	2674.98	
30M	DFT+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+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	2644.98	
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	2659.98	
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	2674.98	
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+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	22.26	22.21	24
		270	0	22.47	22.38	22.22	24
		1	1	23.06	22.95	22.87	24
	DFT+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	2644.98	
90M	DFT+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+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	2659.98	
60M	DFT+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+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+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	2674.98	
30M	DFT+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+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		508200	518998	528996	Max. Tune-up
		Frequency (MHz)		2541	2592.99	2644.98	
90M	CP-OFDM QPSK	1	1	21.49	21.50	21.48	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	21.50	21.51	21.50	22.5
BW	MCS Index	Channel		506200	518998	531996	Max. Tune-up
		Frequency (MHz)		2530	2592.99	2650.98	
60M	CP-OFDM QPSK	1	1	21.47	21.50	21.49	22.5
BW	MCS Index	Channel		505200	518998	532996	Max. Tune-up
		Frequency (MHz)		2523.02	2592.99	2654.98	
50M	CP-OFDM QPSK	1	1	21.45	21.41	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	21.55	21.52	21.50	22.5
BW	MCS Index	Channel		502200	518998	535996	Max. Tune-up
		Frequency (MHz)		2511	2592.99	2674.98	
30M	CP-OFDM QPSK	1	1	21.47	21.43	21.42	22.5
BW	MCS Index	Channel		501204	518998	536998	Max. Tune-up
		Frequency (MHz)		2500.02	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
		DFT-s-OFDM 16QAM	1	1		22.16	23
		DFT-s-OFDM 64QAM	1	1		21.03	21.5
		DFT-s-OFDM 256QAM	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
	DFT-s-OFDM 16QAM	1	1	21.93	22.01	22.14	23
	DFT-s-OFDM 64QAM	1	1	20.77	20.87	20.94	21.5
	DFT-s-OFDM 256QAM	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			
		Frequency (MHz)		3500.01			
100M	DFT-s-OFDM P1/2 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 P1/2 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			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
		60	5300	11.83	13.00
		64	5320	11.88	13.00
	802.11ax-HE20 MCS0	54	5270	11.54	13.00
		62	5310	11.84	13.00
	802.11ax-HE40 MCS0	58	5290	11.88	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

LTE Band 2 (Ant1)												
BW	MCS Index	RB Size	RE Offset	Low	Mid	High	SCPP	MPE	Max. TBS			
		180K	180K	180K	180K	180K	180K	180K	180K			
QPSK	ISQAM	Frequency (MHz)		1800	1880	1960	0	21.5	0	21.5		
		1	0	20.60	20.58	20.56	0	21.5	0	21.5		
		1	50	20.53	20.43	20.49	0	21.5	0	21.5		
		1	20	20.53	20.43	20.34	0	21.5	0	21.5		
		50	0	19.65	19.58	19.61	1	20.5	0	20.5		
	ISQAM	50	25	19.70	19.61	19.62	1	20.5	0	20.5		
		50	50	19.59	19.53	19.58	1	20.5	0	20.5		
		100	0	19.61	19.61	19.54	1	20.5	0	20.5		
		1	0	19.73	19.68	19.69	1	20.5	0	20.5		
		1	50	19.66	19.59	19.62	1	20.5	0	20.5		
20M	ISQAM	1	50	19.66	19.59	19.62	1	20.5	0	20.5		
		1	50	19.66	19.59	19.62	1	20.5	0	20.5		
		50	0	18.60	18.54	18.59	2	19.5	0	19.5		
		50	25	18.66	18.56	18.62	2	19.5	0	19.5		
		50	50	18.56	18.56	18.54	2	19.5	0	19.5		
	ISQAM	100	0	18.61	18.56	18.62	19.5	0	19.5			
		1	0	19.67	19.64	19.67	2	19.5	0	19.5		
		1	50	19.56	19.51	19.47	2	19.5	0	19.5		
		1	50	19.45	19.42	19.46	2	19.5	0	19.5		
		50	50	18.59	18.52	18.57	2	19.5	0	19.5		
40M	ISQAM	50	25	18.60	18.58	18.52	3	18.5	0	18.5		
		50	50	18.53	18.48	18.50	3	18.5	0	18.5		
		100	0	18.61	18.56	18.59	1	18.5	0	18.5		
		ISQAM	1	0	19.67	19.64	19.67	2	19.5	0	19.5	
			1	50	19.56	19.51	19.47	2	19.5	0	19.5	
	1		50	19.45	19.42	19.46	2	19.5	0	19.5		
	50		50	18.59	18.52	18.57	2	19.5	0	19.5		
	50		25	18.60	18.58	18.52	3	18.5	0	18.5		
	BW	MCS Index	Channel	1807.5	1890.0	1972.5	SCPP	MPE	Max. TBS			
			Frequency (MHz)	1800	1880	1960	0	21.5	0	21.5		
1			0	20.52	20.54	20.51	0	21.5	0	21.5		
1			20	20.52	20.43	20.48	0	21.5	0	21.5		
1			74	20.28	20.32	20.29	0	21.5	0	21.5		
QPSK		36	0	19.62	19.52	19.59	1	20.5	0	20.5		
		36	19	19.68	19.54	19.57	1	20.5	0	20.5		
		36	29	19.59	19.59	19.56	1	20.5	0	20.5		
		75	0	19.65	19.59	19.66	1	20.5	0	20.5		
		1	0	19.66	19.60	19.63	1	20.5	0	20.5		
15M	ISQAM	1	37	19.61	19.53	19.60	1	20.5	0	20.5		
		1	74	19.66	19.62	19.57	1	20.5	0	20.5		
		36	0	18.54	18.46	18.57	2	19.5	0	19.5		
		36	19	18.64	18.48	18.61	2	19.5	0	19.5		
		36	29	18.58	18.52	18.43	0	19.5	0	19.5		
	ISQAM	75	0	18.65	18.49	18.62	2	19.5	0	19.5		
		1	0	19.61	19.59	19.66	2	19.5	0	19.5		
		1	37	19.55	19.49	19.42	2	19.5	0	19.5		
		1	74	19.37	19.35	19.44	2	19.5	0	19.5		
		36	0	18.58	18.48	18.49	3	18.5	0	18.5		
BW	MCS Index	Channel	1860.0	1960.0	1957.5	SCPP	MPE	Max				

LTE Band 4 (Ant1)											
BW	MCS Index	RB Set		LTE Ant1			SPPB (MHz)	Max. Tx Power (dBm)			
		Low	Mid	High	Low	Mid			High		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	0	2100	1726.5	1746	21.25	0	22		
		1	50	20.87	20.83	21.12	0	22			
		1	90	20.78	20.81	21.13	0	22			
		1	50	20.22	20.26	20.45	1	21			
		1	50	25	19.94	20.00	20.27	1	21		
		1	50	50	19.96	19.98	20.21	1	21		
		1	100	0	20.10	20.15	20.30	1	21		
		1	1	0	20.20	20.24	20.49	1	21		
		1	1	50	20.09	20.18	20.39	1	21		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	90	20.67	20.67	20.77	0	22			
		1	50	0	18.91	19.00	19.21	2	20		
		1	50	25	19.02	19.04	19.30	2	20		
		1	50	50	18.96	18.97	19.18	2	20		
		1	100	0	18.91	18.92	19.26	2	20		
		1	1	0	20.14	20.14	20.38	2	20		
		1	50	19.93	19.96	20.24	2	20			
		1	1	90	20.02	20.06	20.27	2	20		
		1	50	0	18.93	18.98	19.22	3	19		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		50	25	19.00	19.06	19.26	3	19			
		50	50	18.96	18.95	19.25	3	19			
		50	100	0	19.02	19.01	19.30	3	19		
		1	0	20.12	20.07	20.33	2	20			
		1	17	19.87	19.90	20.22	2	20			
		1	37	20.06	19.89	20.36	1	21			
		1	74	20.06	19.89	20.36	1	21			
		1	36	0	18.83	18.96	19.36	2	20		
		1	36	19	18.98	18.98	19.28	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		36	39	19.92	19.94	19.68	2	20			
		75	0	19.98	20.07	20.19	1	21			
		1	0	20.16	20.19	20.47	1	21			
		1	37	20.06	19.89	20.36	1	21			
		1	74	20.06	19.89	20.36	1	21			
		1	36	0	18.83	18.96	19.36	2	20		
		1	36	19	18.98	18.98	19.28	2	20		
		1	36	39	19.92	19.94	19.68	2	20		
		1	75	0	18.91	19.02	19.22	3	19		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	0	20.12	20.07	20.33	2	20			
		1	17	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	36	0	18.87	18.90	19.36	3	19		
		1	36	19	18.98	19.05	19.25	3	19		
		1	36	39	19.94	19.97	19.33	3	19		
		1	75	0	19.00	18.93	19.20	3	19		
		QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)		
				1	0	20.12	20.07	20.33	2	20	
1	17			19.87	19.90	20.22	2	20			
1	74			20.01	20.04	20.34	2	20			
1	36			0	18.87	18.90	19.36	3	19		
1	36			19	18.98	19.05	19.25	3	19		
1	36			39	19.94	19.97	19.33	3	19		
1	75			0	19.00	18.93	19.20	3	19		
QPSK	16QAM			Channel		Frequency (MHz)			Tx Power (dBm)		
				1	0	20.12	20.07	20.33	2	20	
		1	24	20.84	20.87	21.10	0	22			
		1	49	20.76	20.77	21.06	0	22			
		1	50	0	20.16	20.18	20.43	1	21		
		1	25	12	19.83	19.86	20.19	1	21		
		1	25	25	19.89	19.90	20.15	1	21		
		1	50	0	19.98	20.02	20.21	1	21		
		1	50	20	19.88	19.91	20.44	1	21		
		1	24	20.03	20.10	20.31	1	21			
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	49	20.06	19.99	20.36	1	21			
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	16QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01	20.04	20.34	2	20			
		1	49	20.01	20.04	20.34	2	20			
		1	50	0	18.83	18.96	19.36	2	20		
QPSK	64QAM	Channel		Frequency (MHz)			Tx Power (dBm)				
		1	50	0	18.83	18.96	19.36	2	20		
		1	25	12	19.83	18.86	20.19	2	20		
		1	25	25	18.88	18.93	19.11	2	20		
		1	50	0	18.94	18.99	19.24	2	20		
		1	0	20.12	20.07	20.33	2	20			
		1	24	19.87	19.90	20.22	2	20			
		1	74	20.01							

SW	MCS Index	LTE FDD (4x4)							3GPP MPR (dB)	Max. Tx Power (dBm)		
		RB Size		RB Offset		Bandwidth						
		Channel		Low	Mid	High						
		Frequency (MHz)		2550	2550	2550						
QPSK		1	0	20.07	20.02	19.95	0	21				
		1	50	19.98	19.95	19.94	0	21				
		1	90	20.01	19.97	19.94	0	21				
		50	0	19.13	19.08	19.05	1	20				
		50	25	19.19	19.13	19.11	1	20				
		50	50	19.21	19.15	19.17	1	20				
		100	0	19.13	19.14	19.14	1	20				
		1	0	19.21	19.17	19.17	1	20				
		50	50	19.07	19.07	19.05	1	20				
		1	90	19.19	19.13	19.13	1	20				
16QAM		50	0	18.16	18.07	18.08	2	19				
		50	25	18.20	18.14	18.13	2	19				
		50	50	18.24	18.19	18.12	2	19				
		100	0	18.22	18.16	18.16	2	19				
		1	0	19.10	19.05	19.04	2	19				
		1	50	19.11	19.05	19.03	2	19				
		1	90	19.19	19.13	19.13	2	19				
		50	0	18.19	18.14	18.13	3	18				
		50	25	18.18	18.13	18.14	3	18				
		50	50	18.24	18.21	18.17	3	18				
64QAM		100	0	18.22	18.12	18.12	3	18				
		1	0	19.07	19.02	19.01	3	18				
SW	MCS Index	Channel							3GPP MPR	Max. Tx Power		
		Frequency (MHz)		2085		2100	2135	2135				
				2507.5		2620	262.5	262.5				
		1	0	20.06	20.00	19.97	0	21				
		1	37	19.13	19.08	19.08	1	21				
		1	74	20.05	19.98	20.02	0	21				
		36	0	19.11	18.97	19.00	1	20				
		36	18	19.13	19.07	19.10	1	20				
		36	39	19.19	19.03	19.16	1	20				
		75	0	19.08	19.12	19.09	1	20				
15M	16QAM	1	0	19.19	19.03	19.16	1	20				
		1	37	19.19	19.08	19.00	1	20				
		1	74	19.19	19.08	19.19	1	20				
		36	0	18.14	18.08	18.03	2	19				
		36	18	18.14	18.08	18.17	2	19				
		36	39	18.23	18.17	18.04	2	19				
		75	0	18.17	18.07	18.10	2	19				
		1	0	19.09	19.05	19.02	2	19				
		1	37	19.09	18.98	18.90	2	19				
64QAM		1	74	19.13	19.06	19.16	2	19				
		36	0	18.18	18.12	17.99	3	18				
		36	18	18.16	18.12	18.00	3	18				
		36	39	18.22	18.20	18.03	3	18				
		75	0	18.20	18.04	18.17	3	18				
		SW	MCS Index	Channel							3GPP MPR	Max. Tx Power
				Frequency (MHz)		2080		2100	2140	2140		
						2500		2615	262.5	262.5		
				1	0	20.01	19.94	19.93	0	21		
1	24			19.96	19.89	19.93	0	21				
1	49			20.00	19.97	19.99	0	21				
25	0			19.13	19.08	19.04	1	20				
25	12			19.11	19.09	19.13	1	20				
25	25			19.18	19.05	19.15	1	20				
50	0			19.14	19.05	19.09	1	20				
15M	16QAM	50	0	19.15	19.05	19.15	1	20				
		1	24	19.06	19.05	19.07	1	20				
		1	49	19.17	19.07	19.12	1	20				
		25	0	18.16	18.06	18.06	2	19				
		25	12	18.18	18.18	18.18	2	19				
		25	25	18.16	18.15	18.07	2	19				
		50	0	18.20	18.07	18.12	2	19				
		1	0	19.02	18.97	18.99	2	19				
		1	24	18.98	18.96	19.01	2	19				
64QAM		1	49	19.17	19.06	19.13	2	19				
		25	0	18.15	18.05	18.05	3	18				
		25	12	18.17	18.11	18.06	3	18				
		25	25	18.19	18.13	18.11	3	18				
		50	0	18.23	18.09	18.13	3	18				
		50	25	18.27	18.20	18.24	3	18				
		SW	MCS Index	Channel							3GPP MPR	Max. Tx Power
				Frequency (MHz)		2052.5		2620	262.5	262.5		
						2507.5		2620	262.5	262.5		
1	0			20.03	19.97	19.90	0	21				
1	12			19.90	19.82	19.89	0	21				
24	0			20.04	19.96	19.99	0	21				
12	0			19.07	19.06	19.00	1	20				
12	6			19.12	19.08	19.16	1	20				
12	13			19.10	19.07	19.12	1	20				
25	0			19.14	19.08	19.12	1	20				
15M	16QAM	1	0	19.13	19.05	19.09	1	20				
		1	12	19.01	19.05	19.09	1	20				
		24	0	19.13	19.14	19.16	1	20				
		12	6	18.13	18.09	18.03	2	19				
		12	13	18.17	18.17	18.06	2	19				
		25	0	18.14	18.14	18.14	2	19				
		25	0	19.06	18.96	18.96	2	19				
		1	12	19.03	19.01	19.01	2	19				
		24	0	19.10	19.10	19.10	2	19				
64QAM		12	6	18.13	18.12	18.02	3	18				
		12	13	18.15	18.09	18.09	3	18				
		25	0	18.16	18.10	18.15	3	18				

[illegible]

LTE Band 30 (An1)									
BW	MCS Index	RB Size	RB Offset	MCS		SCPP MPR (dB)	Max. Tune-up (dB)		
		Channel Frequency (MHz)	7728	7732					
10M	QPSK	1	0	22.05	0	22.5			
		1	24	21.98	0	22.5			
		1	49	22.00	0	22.5			
		25	0	21.90	1	21.5			
		25	12	21.91	1	21.5			
		25	25	21.03	1	21.5			
		50	0	21.87	1	21.5			
		1	0	21.71	1	21.5			
		1	24	21.18	1	21.5			
		1	49	21.18	1	21.5			
		25	0	20.01	2	20.5			
		25	12	19.99	2	20.5			
	16QAM	25	25	20.03	2	20.5			
		50	0	19.98	2	20.5			
		1	0	21.09	2	20.5			
		1	24	21.12	2	20.5			
		1	49	21.07	2	20.5			
		25	0	20.01	3	19.5			
		25	12	19.98	3	19.5			
		25	25	20.01	3	19.5			
		50	0	19.96	3	19.5			
		64QAM	50	0	19.96	3	19.5		
			1	0	21.09	2	20.5		
			1	24	21.12	2	20.5		
1	49		21.07	2	20.5				
25	0		20.01	3	19.5				
25	12		19.98	3	19.5				
25	25		20.01	3	19.5				
50	0		19.96	3	19.5				
5M	QPSK		Channel Frequency (MHz)	7768	7772	7775	SCPP MPR	Max. Tune-up	
			Frequency (MHz)	2497.5	2501	2502.5			
			1	0	22.01	22.00	22.00	0	22.5
			1	12	21.90	21.97	21.93	0	22.5
		1	24	21.96	21.95	21.92	0	22.5	
		12	0	20.91	20.95	20.99	1	21.5	
		12	6	20.93	20.95	20.98	1	21.5	
		12	13	20.95	21.01	20.98	1	21.5	
		25	0	20.95	20.89	20.95	1	21.5	
		1	0	21.13	21.15	21.13	1	21.5	
		1	12	21.32	21.16	21.12	1	21.5	
		1	24	21.11	21.13	21.16	1	21.5	
	16QAM	12	0	19.95	19.84	19.96	2	20.5	
		12	6	19.92	19.84	19.97	2	20.5	
		12	13	19.95	19.91	19.97	2	20.5	
		25	0	19.90	19.87	19.96	2	20.5	
		1	0	21.05	21.04	21.01	2	20.5	
		1	12	21.04	21.11	21.10	2	20.5	
		1	24	21.03	21.02	20.99	2	20.5	
		64QAM	12	0	19.95	19.89	19.98	3	19.5
			12	6	19.90	19.87	19.96	3	19.5
			12	13	19.96	19.92	19.99	3	19.5
			25	0	19.84	19.88	19.94	3	19.5

BW	MCS Index	LTE Band 38 (Ant1)							SCoP MPR	Max. Time-avg (dB)
		RB Size	RB Offset	Low	Mid	High				
		Channel Frequency (MHz)	3780	3800	3820	3850	3870	3900		
20M	QPSK	1	0	21.55	21.43	21.30	0	0	22.5	
		1	50	21.49	21.36	21.20	0	0	22.5	
		1	99	21.49	21.38	21.27	0	0	22.5	
		50	25	20.47	20.37	20.24	1	21.5		
	16QAM	50	50	20.49	20.38	20.23	1	21.5		
		100	0	20.53	20.38	20.24	1	21.5		
		1	0	20.34	20.23	20.1	1	21.5		
		1	50	20.30	20.15	20.05	1	21.5		
	64QAM	1	99	20.28	20.23	20.06	1	21.5		
		50	0	19.43	19.32	19.16	1	19.5		
		50	25	19.44	19.39	19.21	2	19.5		
		50	50	19.46	19.34	19.18	2	19.5		
30M	QPSK	1	0	21.60	21.48	21.34	0	0	22.5	
		1	37	21.47	21.38	21.28	0	0	22.5	
		1	74	21.43	21.30	21.25	0	0	22.5	
		36	0	20.46	20.36	20.06	1	21.5		
	16QAM	36	19	20.43	20.30	20.17	1	21.5		
		36	39	20.46	20.31	20.22	2	21.5		
		75	0	20.51	20.32	20.19	1	21.5		
		1	0	20.28	20.15	20.10	1	21.5		
	64QAM	37	0	20.38	20.29	20.18	0	21.5		
		1	74	20.20	20.19	20.08	0	21.5		
		36	0	19.39	19.18	19.15	2	20.5		
		36	19	19.36	19.35	19.16	2	20.5		
40M	QPSK	36	39	19.43	19.39	19.19	2	20.5		
		75	0	19.58	19.39	19.26	2	20.5		
		1	0	20.44	20.33	20.26	2	20.5		
		1	37	20.48	20.30	20.08	0	20.5		
	16QAM	1	74	20.45	20.30	20.17	2	20.5		
		36	0	19.43	19.24	19.15	3	19.5		
		36	19	19.51	19.40	19.11	3	19.5		
		36	39	19.48	19.43	19.18	3	19.5		
	MCS Index	75	0	19.54	19.35	19.22	3	19.5		
		Channel Frequency (MHz)	3780	3800	3820	3850	3870	3900		
		1	0	21.51	21.38	21.22	0	0	22.5	
		1	24	21.43	21.33	21.25	0	0	22.5	
10M	QPSK	1	49	21.46	21.33	21.25	0	0	22.5	
		25	0	20.39	20.20	20.09	0	21.5		
		25	12	20.42	20.30	20.21	1	21.5		
		25	25	20.41	20.31	20.16	1	21.5		
	16QAM	50	0	20.47	20.37	20.18	1	21.5		
		1	0	20.27	20.18	20.10	1	21.5		
		1	24	20.24	20.08	20.03	1	21.5		
		1	49	20.21	20.08	20.03	1	21.5		
	64QAM	25	0	19.33	19.12	19.03	2	20.5		
		25	12	19.36	19.28	19.19	2	20.5		
		25	25	19.42	19.29	19.13	2	20.5		
		50	0	19.52	19.45	19.29	2	20.5		
20M	QPSK	1	0	21.55	21.43	21.30	0	0	22.5	
		1	24	20.43	20.32	20.13	2	20.5		
		1	49	20.42	20.37	20.21	2	20.5		
		25	0	19.37	19.16	19.03	3	19.5		
	16QAM	25	12	19.44	19.44	19.24	3	19.5		
		25	25	19.47	19.31	19.14	3	19.5		
		50	0	19.50	19.40	19.24	2	20.5		
		1	0	19.75	19.60	19.20	2	20.5		
	64QAM	1	24	20.43	20.37	20.13	2	20.5		
		1	49	20.42	20.37	20.21	2	20.5		
		25	0	19.37	19.16	19.03	3	19.5		
		25	12	19.44	19.44	19.24	3	19.5		
30M	QPSK	25	25	19.47	19.31	19.14	3	19.5		
		50	0	19.50	19.40	19.24	2	20.5		
		1	0	21.50	21.36	21.29	0	22.5		
		1	12	21.45	21.30	21.15	0	22.5		
	16QAM	1	24	21.41	21.37	21.27	0	22.5		
		12	0	20.43	20.32	20.13	2	20.5		
		12	6	20.42	20.36	20.18	1	21.5		
		12	13	20.42	20.32	20.23	1	21.5		
	64QAM	25	0	20.45	20.37	20.19	1	21.5		
		1	0	20.32	20.15	20.1	1	21.5		
		1	12	20.22	20.09	19.97	1	21.5		
		1	24	20.22	20.02	19.99	1	21.5		
40M	QPSK	12	0	19.34	19.21	19.14	2	20.5		
		12	6	19.38	19.32	19.16	2	20.5		
		12	13	19.39	19.38	19.19	2	20.5		
		25	0	19.52	19.44	19.25	2	20.5		
	16QAM	1	0	20.42	20.38	20.20	2	20.5		
		1	12	20.45	20.34	20.08	2	20.5		
		1	24	20.42	20.32	20.21	2	20.5		
		12	0	19.40	19.25	19.09	3	19.5		
	64QAM	12	6	19.46	19.40	19.16	3	19.5		
		12	13	19.43	19.41	19.24	3	19.5		
		25	0	19.49	19.37	19.25	3	19.5		
		25	0	19.49	19.37	19.25	3	19.5		

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 (dB)
		Channel Frequency (MHz)	2496	2496.5	2497	2497.5	2498	2498.5	2499	2500
20M	QPSK	1	0	21.56	21.56	21.56	21.59	21.59	0	22.5
		1	50	21.42	21.46	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	20.12	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
	16QAM	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
		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	19.96	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
15M	QPSK	1	0	21.48	21.48	21.48	21.50	21.50	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	19.81	1	21.5
		1	37	20.20	20.21	20.10	19.66	19.72	1	21.5
		1	74	20.19	20.30	20.13	19.80	19.07	1	21.5
	16QAM	36	0	19.44	19.35	19.32	18.94	19.04	2	20.5
		36	19	19.37	19.48	19.29	18.95	19.01	2	20.5
		36	39	19.47	19.44	19.35	18.97	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	20.04	20.06	2	20.5
		36	0	19.47	19.48	19.39	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	19.33	18.99	19.09	3	19.5
10M	QPSK	1	0	21.60	21.61	21.60	21.61	21.61	0	22.5
		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	20.36	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
	16QAM	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
		25	12	19.43	19.44	19.33	18.98	19.00	2	20.5
		25	25	19.42	19.46	19.32	19.03	19.07	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
5M	QPSK	1	0	21.51	21.49	21.50	21.54	21.53	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	20.33	19.99	20.03	1	21.5
		12	6	20.50	20.59	20.35	20.06	20.07	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
	16QAM	12	0	19.38	19.37	19.25	18.94	19.03	2	20.5
		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	19.39	18.98	19.02	3	19.5
		12	6	19.46	19.55	19.29	18.99	19.10	3	19.5
		12	13	19.49	19.52	19.29	18.92	19.07	3	19.5
5M	QPSK	1	0	21.56	21.57	21.56	21.59	21.51	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	20.33	19.99	20.03	1	21.5
		12	6	20.50	20.59	20.35	20.06	20.07	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
	16QAM	12	0	19.38	19.37	19.25	18.94	19.03	2	20.5
		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	19.39	18.98	19.02	3	19.5
		12	6	19.46	19.55	19.29	18.99	19.10	3	19.5
		12	13	19.49	19.52	19.29	18.92	19.07	3	19.5

LTE Band 42 Part2Q (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up		
		Channel Frequency (MHz)	4296	4296.5	4297	4297.5			4298	
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		
		100	0	19.89	19.78	19.87	1	21		
		1	0	19.48	19.39	19.48	1	21		
		1	50	19.35	19.30	19.34	1	21		
		1	99	19.43	19.26	19.39	1	21		
	16QAM	50	0	18.67	18.70	18.76	2	20		
		50	25	18.66	18.79	18.82	2	20		
		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	17.82	17.87	3	19		
		50	25	17.95	17.91	17.97	3	19		
64QAM	50	50	17.93	17.81	17.85	3	19			
	100	0	17.61	17.66	17.62	3	19			
	30M	QPSK	1	0	20.86	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	19.79	19.81	19.89	1	21	
			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	19.27	19.28	19.39	1	21		
1			74	19.41	19.18	19.37	1	21		
16QAM		36	0	18.74	18.67	18.71	2	20		
		36	19	18.80	18.77	18.76	2	20		
		36	39	18.79	18.68	18.81	2	20		
		75	0	18.52	18.79	18.92	2	20		
		1	0	18.49	18.42	18.55	2	20		
		1	37	18.38	18.39	18.58	2	20		
		1	74	18.37	18.40	18.45	2	20		
		36	0	17.51	17.78	17.73	3	19		
		36	19	17.57	17.90	17.95	3	19		
30M	QPSK	1	0	20.86	20.67	20.77	0	22		
		1	24	20.72	20.62	20.71	0	22		
		1	49	20.76	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		
		25	25	19.80	19.74	19.82	1	21		
		50	0	19.80	19.77	19.87	1	21		
		1	0	19.40	19.33	19.41	1	21		
		1	24	19.29	19.28	19.21	1	21		
		1	49	19.38	19.21	19.37	1	21		
	16QAM	50	0	18.76	18.66	18.72	2	20		
		25	12	18.79	18.74	18.80	2	20		
		25	25	18.74	18.71	18.77	2	20		
		50	0	18.90	18.90	18.93	2	20		
		1	0	18.52	18.42	18.49	2	20		
		1	24	18.38	18.40	18.49	2	20		
		1	49	18.41	18.36	18.39	2	20		
		50	0	17.68	17.67	17.64	3	19		
		25	12	17.87	17.90	17.95	3	19		
30M	QPSK	25	25	17.89	17.76	17.77	3	19		
		50	0	17.47	17.84	17.89	3	19		
		1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
	16QAM	1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
		12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
64QAM	12	0	17.89	17.75	17.85	3	19			
	12	6	17.94	17.89	17.89	3	19			
	12	12	17.88	17.82	17.89	3	19			
	25	0	17.92	17.80	17.90	3	19			
	30M	QPSK	1	0	20.84	20.66	20.77	0	22	
			1	12	20.78	20.59	20.75	0	22	
			1	24	20.71	20.64	20.74	0	22	
			12	0	19.88	19.79	19.86	1	21	
			12	6	19.84	19.75	19.80	1	21	
12			12	19.82	19.78	19.86	1	21		
25			0	19.91	19.83	19.81	1	21		
1			0	18.41	19.31	19.43	1	21		
1			12	19.32	19.24	19.32	1	21		
1			24	19.41	19.34	19.34	1	21		
16QAM		12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
		1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
	16QAM	12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
		1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
	16QAM	12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
		1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
	16QAM	12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
		1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
	16QAM	12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77	0	22		
		1	12	20.78	20.59	20.75	0	22		
		1	24	20.71	20.64	20.74	0	22		
		12	0	19.88	19.79	19.86	1	21		
		12	6	19.84	19.75	19.80	1	21		
		12	12	19.82	19.78	19.86	1	21		
		25	0	19.91	19.83	19.81	1	21		
		1	0	18.41	19.31	19.43	1	21		
		1	12	19.32	19.24	19.32	1	21		
		1	24	19.41	19.34	19.34	1	21		
	16QAM	12	0	18.76	18.65	18.76	2	20		
		12	6	18.84	18.71	18.81	2	20		
		12	12	18.74	18.78	18.78	2	20		
		25	0	18.96	18.78	18.94	2	20		
		1	0	18.49	18.43	18.52	2	20		
		1	12	18.44	18.35	18.42	2	20		
		1	24	18.43	18.34	18.42	2	20		
		12	0	17.89	17.75	17.85	3	19		
		12	6	17.94	17.89	17.89	3	19		
30M	QPSK	1	0	20.84	20.66	20.77				

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		13202	13232	13252	
		Frequency (MHz)		1712	1745	1778	
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
		50	0	20.66	20.78	20.91	1
		50	25	20.64	20.78	20.88	1
		50	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	50	0	19.70	19.82	19.93	2
		50	25	19.68	19.71	19.88	2
		50	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
		50	0	19.74	19.85	19.92	3
		50	25	19.68	19.70	19.89	3
		50	50	19.64	19.76	19.87	3
		100	0	19.72	19.74	19.83	3
	64QAM	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
		36	0	20.59	20.71	20.89	1
		36	19	20.56	20.76	20.86	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	20.99	1
		1	74	20.98	20.94	21.20	1
10M	QPSK	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
		36	0	20.59	20.71	20.89	1
		36	19	20.56	20.76	20.86	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	20.99	1
		1	74	20.98	20.94	21.20	1
	16QAM	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
		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	20.93	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	19.92	3
	64QAM	1	0	21.01	21.07	21.07	2
		1	37	20.70	20.72	20.88	2
		1	74	20.95	20.93	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	19.92	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	20.98	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	19.91	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	19.68	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
	64QAM	25	0	19.65	19.72	19.90	3
10M	QPSK	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	21.23	1
		1	7	20.74	20.86	20.98	1
		1	14	20.97	20.96	21.19	1
	16QAM	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
		8	7	19.62	19.75	19.83	3
	64QAM	15	0	19.69	19.73	19.87	3
1.4M	QPSK	1	0	21.22	21.38	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	Offset	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)								(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	
	DFT-s-OFDM QPSK	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	
		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
	DFT-s-OFDM QPSK	216	0	21.26	21.17	21.29	21.5
		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

		dB Size	dB
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LTE Band 2 (Ant1)															
BW	MCS Index	RB Size	RB Offset	Low			Mid			High					
		RB Size	RB Offset	Low	Mid	High	Mid	High	SC-PB MPR	Max. TBS (kbit/s)					
		Channel		1500	1800	1800	1800	1800	1800	SC-PB MPR	Max. TBS (kbit/s)				
		Frequency (MHz)		1500	1800	1800	1800	1800	1800	SC-PB MPR	Max. TBS (kbit/s)				
5M	QPSK	1	0	17.56	17.54	17.51	0	18.3							
		1	50	17.51	17.35	17.28	0	18.3							
		1	99	17.28	17.32	17.49	0	18.3							
		50	0	16.66	16.52	16.59	1	17.5							
		50	25	16.68	16.54	16.57	1	17.5							
		50	50	16.53	16.45	16.56	1	17.5							
	16QAM	1	0	16.56	16.59	16.60	1	17.5							
		1	50	16.53	16.53	16.60	1	17.5							
		1	99	16.66	16.52	16.58	1	17.5							
		50	0	15.54	15.56	15.57	1	16.5							
		50	25	15.64	15.48	15.61	2	16.5							
		50	50	15.48	15.52	15.59	2	16.5							
10M	QPSK	100	0	16.55	16.49	16.62	2	16.5							
		1	50	16.53	16.59	16.66	2	16.5							
		1	99	16.55	16.49	16.42	2	16.5							
		1	99	16.37	16.35	16.44	2	16.5							
		50	0	15.58	15.56	15.57	2	15.5							
		50	25	15.57	15.57	15.58	3	15.5							
	16QAM	50	0	15.49	15.43	15.48	3	15.5							
		50	100	15.64	15.50	15.57	3	15.5							
		50	0	15.58	15.44	15.49	3	15.5							
		50	25	15.64	15.48	15.61	2	16.5							
		50	50	15.48	15.52	15.59	2	16.5							
		50	100	15.65	15.49	15.62	2	16.5							
15M	QPSK	1	0	17.48	17.50	17.46	0	18.8							
		1	37	17.49	17.27	17.47	0	18.8							
		1	74	17.27	17.28	17.24	1	18.8							
		36	19	16.66	16.46	16.57	1	17.5							
		36	39	16.47	16.37	16.54	1	17.5							
		75	0	15.64	16.57	16.38	1	17.5							
	16QAM	1	0	16.59	16.52	16.57	1	17.5							
		1	37	16.60	16.47	16.58	1	17.5							
		1	74	16.48	16.48	16.50	1	17.5							
		36	0	15.48	15.38	15.55	2	16.5							
		36	19	15.62	15.40	15.60	2	16.5							
		36	39	15.48	15.48	15.44	2	16.5							
20M	QPSK	75	0	15.63	15.41	15.61	2	16.5							
		1	0	16.55	16.54	16.65	2	16.5							
		1	37	16.54	16.47	16.58	2	16.5							
		1	74	16.29	16.26	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							
	16QAM	36	39	15.45	15.50	15.46	3	15.5							
		36	75	0	15.63	15.44	15.55	2	16.5						
		1	0	16.55	16.54	16.65	2	16.5							
		1	37	16.54	16.47	16.58	2	16.5							
		1	74	16.29	16.26	16.42	2	16.5							
		36	0	15.57	15.44	15.46	3	15.5							
30M	QPSK	36	19	15.54	15.56	15.40	3	15.5							
		36	39	15.45	15.50	15.46	3	15.5							
		36	75	0	15.63	15.44	15.55	2	16.5						
		1	0	16.55	16.54	16.65	2	16.5							
		1	37	16.54	16.47	16.58	2	16.5							
		1	74	16.29	16.26	16.42	2	16.5							
	16QAM	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	15.50	15.46	3	15.5							
		36	75	0	15.63	15.44	15.55	2	16.5						
		1	0	16.55	16.54	16.65	2	16.5							
		1	37	16.54	16.47	16.58	2	16.5							
40M	QPSK	1	0	17.55	17.50	17.43	0	18.8							
		1	24	17.37	17.32	17.42	1	18.8							
		1	49	17.26	17.31	17.35	2	18.8							
		1	0	16.56	16.47	16.58	1	17.5							
		1	12	16.87	16.52	16.53	1	17.5							
		25	16.45	16.38	16.54	1	17.5								
	16QAM	50	0	16.64	16.55	16.43	1	17.5							
		1	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							
		25	12	15.56	15.44	15.62	2	16.5							
50M	QPSK	25	25	15.45	15.46	15.47	2	16.5							
		50	0	15.64	15.44	15.64	2	16.5							
		50	0	16.55	16.56	16.64	2	16.5							
		1	24	16.53	16.42	16.37	2	16.5							
		1	49	16.31	16.27	16.42	2	16.5							
		25	0	15.57	15.46	15.41	3	15.5							
	16QAM	25	12	15.50	15.49	15.40	3	15.5							
		25	25	15.42	15.44	15.44	3	15.5							
		50	0	15.62	15.42	15.56	3	15.5							
		60M	QPSK	1	0	17.50	17.46	17.46	0	18.3					
				1	12	17.44	17.30	17.40	0	18.3					
				1	24	17.22	17.25	17.48	0	18.3					
12	6			16.56	16.47	16.57	1	17.5							
12	6			16.60	16.52	16.51	1	17.5							
12	13			16.45	16.44	16.54	1	17.5							
16QAM	25		0	16.61	16.54	16.58	1	17.5							
	1		0	16.56	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							
	12		0	15.46	15.42	15.52	2	16.5							
	12		6	15.61	15.42	15.59	2	16.5							
80M	QPSK	12	13	15.45	15.41	15.64	2	16.5							
		25	0	15.59	15.41	15.60	2	16.5							
		1	0	16.53	16.42	16.57	1	17.5							
		1	12	16.50	16.48	16.56	1	17.5							
		1	24	16.36	16.29	16.42	2	16.5							
		12	0	15.53	15.46	15.42	3	15.5							
	16QAM	12	0	15.55	15.45	15.45	3	15.5							
		12	13	15.41	15.39	15.43	3	15.5							
		25	0	15.62	15.42	15.56	3	15.5							
		100M	QPSK	1	0	17.59	17.47	17.49	0	18.3					
				1	34	17.23	17.24	17.28	0	18.3					
				8	38	16.88	16.44	16.54	1	17.5					
3	16.60			16.53	16.52	1	17.5								
8	7			16.49	16.40	16.55	1	17.5							
15	0			16.59	16.57	16.41	1	17.5							
16QAM	1		0	16.59	16.55	16.61	1	17.5							
	1		7	16.55	16.51	16.55	1	17.5							
	1		34	16.64	16.44	16.53	1	17.5							
	8		0	15.46	15.40	15.49	2	16.5							
	8		7	15.58	15.46	15.55	2	16.5							
	15		0	15.49	15.42	15.57	2	16.5							
150M	QPSK	1	0	16.54	16.54	16.62	2	16.5							
		1	7	16.47	16.47	16.36	2	16.5							
		1	34	16.29	16.34	16.42	2	16.5							
		8	0	15.43	15.43	15.41	3	15.5							
		3	15.49	15.56	15.44	3	15.5								
		8	7	15.45	15.38	15.40	3	15.5							
	16QAM	15	0	15.58	15.49	15.54	3	15.5							
		1	0	16.52	16.52	16.60	2	16.5							
		200M	QPSK	1	0	17.51	17.47	17.46	0	18.3					
				1	2	17.48	17.29	17.46	0	18.3					
				5	5	17.22	17.25	17.24	0	18.3					
				3	0	17.56	17.44	17.57	0	18.3					
3	1			17.67	17.52	17.49	1	17.5							
3	3			17.48	17.37	17.50	1	17.5							
16QAM	1		0	16.64	16.53	16.44	1	17.5							
	1		0	16.61	16.53	16.58	1	17.5							
	1		0	16.61	16.45	16.58	1	17.5							
	1		5	16.61	16.43	16.54	1	17.5							
	1		0	16.50	16.41	16.52	1	17.5							
	3		1	16.56	16.47	16.52	1	17.5							
300M	QPSK	3	1	16.47	16.47	16.48	1	17.5							
		6	0	15.59	15.47	15.57	2	16.5							
		1	0	16.54	16.54	16.64	2	16.5							
		1	2	16.47	16.47	16.37	2	16.5							
		1	1	16.53	16.37	16.42	2	16.5							
		3	1	16.51	16.55	16.40	2	16.5							
	16QAM	3	2	16.44	16.26	16.47	2	16.5							
		3	0	15.60	15.45	15.52	2	16.5							
		400M	QPSK	3	1	16.54	16.53	16.44	1	17.5					
				1	0	16.61	16.53	16.58</							

LTE Band 4 (Ant1)												
MCS Index	RB Size	CPE Offset	Channel		2010		2015		2020		SINR MPR	Max. Temp-up (dB)
			Frequency (MHz)	Power (dBm)	2010	2015	2020					
QPSK	1	0	17.40	17.53	17.69	0	18.5					
	1	50	17.35	17.42	17.58	0	18.5					
	1	50	17.22	17.29	17.58	0	18.5					
	50	39	16.71	16.74	16.90	0	17.5					
	50	25	16.36	16.43	16.75	1	17.5					
16QAM	1	0	16.45	16.44	16.44	1	17.5					
	1	50	16.66	16.69	16.97	1	17.5					
	1	50	16.53	16.66	16.86	1	17.5					
	1	99	16.66	16.69	16.85	1	17.5					
	100	0	15.33	15.46	15.79	3	15.5					
64QAM	50	25	15.49	15.48	15.76	2	16.5					
	50	50	15.45	15.42	15.58	2	16.5					
	100	0	15.43	15.52	15.72	2	16.5					
	1	50	16.62	16.67	16.83	2	16.5					
	1	50	16.37	16.38	16.72	2	16.5					
QPSK	1	50	16.51	16.54	16.84	2	16.5					
	1	50	16.37	16.40	16.76	2	16.5					
	50	39	16.44	16.46	16.61	2	16.5					
	75	0	15.45	15.56	15.83	3	15.5					
	75	0	15.45	15.56	15.83	3	15.5					
16QAM	1	0	16.62	16.64	16.66	1	17.5					
	1	37	16.47	16.46	16.83	1	17.5					
	74	14	15.54	15.64	15.84	2	16.5					
	36	0	15.25	15.42	15.61	2	16.5					
	36	19	15.46	15.42	15.76	2	16.5					
64QAM	36	19	15.44	15.42	15.76	2	16.5					
	36	19	15.44	15.42	15.76	2	16.5					
	75	0	15.35	15.49	15.68	2	16.5					
	1	0	16.60	16.65	16.78	2	16.5					
	1	37	16.31	16.30	16.70	2	16.5					
QPSK	1	24	17.16	17.26	17.58	0	18.5					
	25	25	16.38	16.36	16.67	1	17.5					
	25	25	16.38	16.36	16.67	1	17.5					
	50	0	16.45	16.51	16.82	1	17.5					
	1	0	16.64	16.62	16.92	1	17.5					
16QAM	1	24	16.47	16.46	16.84	1	17.5					
	1	49	16.54	16.41	16.84	1	17.5					
	25	0	15.25	15.42	15.61	2	16.5					
	25	12	15.47	15.40	15.77	2	16.5					
	25	29	15.37	15.38	15.63	2	16.5					
64QAM	50	0	15.38	15.46	15.75	2	16.5					
	1	0	16.60	16.50	16.78	2	16.5					
	24	14	15.31	15.30	15.73	2	16.5					
	1	49	16.50	16.52	16.86	2	16.5					
	25	0	15.32	15.32	15.60	3	15.5					
QPSK	25	12	15.47	15.49	15.89	3	15.5					
	25	29	15.38	15.37	15.67	2	16.5					
	50	0	15.49	15.37	15.77	2	16.5					
	MCS Index	Channel	2010	2015	2020	SINR MPR	Max. Temp-up					
		Frequency (MHz)	17.15	17.15	17.15							
1		0	17.38	17.49	17.64	0	18.5					
QPSK	1	24	17.12	17.22	17.54	0	18.5					
	1	49	17.20	17.22	17.54	0	18.5					
	25	0	16.65	16.66	16.88	1	17.5					
	25	12	16.38	16.41	16.67	1	17.5					
	25	25	16.38	16.36	16.67	1	17.5					
16QAM	50	0	16.45	16.51	16.82	1	17.5					
	1	0	16.64	16.62	16.92	1	17.5					
	24	14	15.31	15.30	15.73	2	16.5					
	1	49	16.54	16.41	16.84	1	17.5					
	25	0	15.25	15.42	15.61	2	16.5					
64QAM	25	12	15.47	15.40	15.77	2	16.5					
	25	29	15.37	15.38	15.63	2	16.5					
	50	0	15.38	15.46	15.75	2	16.5					
	1	0	16.60	16.50	16.78	2	16.5					
	24	14	15.31	15.30	15.73	2	16.5					
QPSK	1	49	16.50	16.52	16.86	2	16.5					
	25	0	15.32	15.32	15.60	3	15.5					
	25	12	15.47	15.49	15.89	3	15.5					
	25	29	15.38	15.37	15.67	2	16.5					
	50	0	15.49	15.37	15.77	2	16.5					
MCS Index	Channel	1997	2015	2020	SINR MPR	Max. Temp-up						
	Frequency (MHz)	17.63	17.63	17.63								
	1	12	17.31	17.37	17.53	0	18.5					
QPSK	1	24	17.14	17.28	17.58	0	18.5					
	12	0	16.67	16.69	16.98	1	17.5					
	12	0	16.30	16.41	16.70	1	17.5					
	12	13	16.30	16.39	16.66	1	17.5					
	25	0	16.40	16.45	16.64	1	17.5					
16QAM	1	0	16.64	16.61	16.99	1	17.5					
	1	12	16.45	16.60	16.86	1	17.5					
	1	24	16.50	16.47	16.79	1	17.5					
	12	0	15.26	15.41	15.63	2	16.5					
	12	13	15.43	15.41	15.73	2	16.5					
64QAM	12	13	15.38	15.37	15.56	2	16.5					
	25	0	15.33	15.50	15.72	2	16.5					
	0	0	15.44	15.56	15.81	2	16.5					
	1	12	16.33	16.33	16.64	2	16.5					
	12	0	15.33	15.25	15.58	3	15.5					
QPSK	12	0	15.42	15.53	15.83	3	15.5					
	12	13	15.40	15.32	15.65	3	15.5					
	25	0	15.44	15.41	15.76	3	15.5					
	MCS Index	Channel	1997	2015	2020	SINR MPR	Max. Temp-up					
		Frequency (MHz)	17.13	17.13	17.13							
1		0	17.40	17.46	17.64	0	18.5					
QPSK	1	7	17.28	17.37	17.56	0	18.5					
	1	14	17.14	17.27	17.53	0	18.5					
	8	3	16.83	16.88	17.16	1	17.5					
	8	3	16.32	16.36	16.67	1	17.5					
	8	7	16.37	16.43	16.66	1	17.5					
16QAM	1	0	16.43	16.52	16.85	1	17.5					
	1	0	16.64	16.61	16.96	1	17.5					
	1	7	16.45	16.62	16.81	1	17.5					
	1	14	16.53	16.43	16.83	1	17.5					
	0	0	15.21	15.31	15.55	2	16.5					
64QAM	8	3	15.43	15.40	15.75	2	16.5					
	8	7	15.44	15.40	15.70	2	16.5					
	0	0	15.36	15.44	15.66	2	16.5					
	0	0	15.61	15.51	15.81	2	16.5					
	1	7	16.32	16.36	16.65	2	16.5					
QPSK	1	14	16.49	16.46	16.85	2	16.5					
	0	0	15.29	15.36	15.61	3	15.5					
	8	3	15.46	15.47	15.70	3	15.5					
	7	0	15.36	15.33	15.68	3	15.5					
	14	0	15.48	15.35	15.78	3	15.5					
MCS Index	Channel	1997	2015	2020	SINR MPR	Max. Temp-up						
	Frequency (MHz)	17.67	17.67	17.67								
	1	0	17.45	17.47	17.67	0	18.5					
QPSK	1	2	17.32	17.36	17.56	0	18.5					
	5	2	17.20	17.22	17.54	0	18.5					
	0	0	17.65	17.66	17.86	0	18.5					
	3	1	17.35	17.41	17.67	0	18.5					
	3	1	17.40	17.36	17.62	0	18.5					
16QAM	0	0	15.47	15.51	15.67	1	17.5					
	1	0	16.61	16.62	16.92	1	17.5					
	1	2	16.51	16.58	16.84	1	17.5					
	0	0	15.53	15.66	15.84	1	17.5					
	3	0	15.29	15.41	15.61	1	17.5					
64QAM	3	1	16.41	16.47	16.73	1	17.5					
	3	1	16.41	16.37	16.67	1	17.5					
	0	0	15.35	15.50	15.67	2	16.5					
	1	2	16.50	16.56	16.81	2	16.5					
	1	2	16.29	16.36	16.67	2	16.5					
QPSK	1	2	15.40	15.45	15.62	2	16.5					
	3	0	15.29	15.34	15.58	2	16.5					
	3	1	16.42	16.53	16.85	2	16.5					
	3	0	15.39	15.29	15.74	2	16.5					
	3	0	15.66	15.69	15.95	2	16.5					

LTE Band 7 (A n1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Time-up (dB)	
		Channel Frequency (MHz)	20800	21100	21300				
20M	QPSK	1	0	16.50	16.50	16.37	0	17.5	
		1	50	16.41	16.35	16.38	0	17.5	
		1	99	16.68	16.40	16.37	0	17.5	
		50	0	16.61	16.47	16.50	1	16.5	
		50	25	16.63	16.55	16.66	1	16.5	
		50	50	16.69	16.58	16.67	1	16.5	
	16QAM	100	0	16.66	16.56	16.65	1	16.5	
		1	0	16.69	16.53	16.68	1	16.5	
		1	50	16.49	16.53	16.50	1	16.5	
		1	99	16.69	16.59	16.66	1	16.5	
		50	0	16.61	16.47	16.50	2	15.5	
		50	25	16.64	16.56	16.67	2	15.5	
	64QAM	100	0	16.73	16.67	16.64	2	15.5	
		100	0	16.81	16.68	16.80	2	15.5	
		1	0	16.59	16.45	16.48	2	15.5	
		1	99	16.69	16.55	16.66	2	15.5	
30M	QPSK	1	0	16.58	16.48	16.29	0	17.5	
		1	37	16.84	16.27	16.32	0	17.5	
		1	74	16.55	16.44	16.50	0	17.5	
		36	0	16.59	16.40	16.45	1	16.5	
		36	19	16.57	16.47	16.64	1	16.5	
		36	39	16.57	16.50	16.64	1	16.5	
	16QAM	75	0	16.50	16.58	16.54	1	16.5	
		1	0	16.67	16.45	16.66	1	16.5	
		1	37	16.41	16.49	16.45	1	16.5	
		1	74	16.56	16.53	16.64	1	16.5	
		36	0	16.62	16.43	16.48	2	15.5	
		36	19	16.58	16.48	16.65	2	15.5	
	64QAM	36	39	16.72	16.49	16.49	2	15.5	
		75	0	16.62	16.49	16.54	2	15.5	
		1	0	16.58	16.39	16.50	2	15.5	
		1	37	16.57	16.38	16.43	2	15.5	
40M	QPSK	1	0	16.58	16.48	16.29	0	17.5	
		1	37	16.57	16.38	16.43	2	15.5	
		1	74	16.57	16.35	16.46	2	15.5	
		36	0	16.67	16.60	16.41	3	14.5	
		36	19	16.54	16.47	16.52	3	14.5	
		36	39	16.70	16.69	16.69	3	14.5	
	16QAM	75	0	16.68	16.60	16.69	3	14.5	
		1	0	16.52	16.45	16.32	0	17.5	
		1	24	16.33	16.34	16.33	0	17.5	
		1	24	16.54	16.45	16.51	0	17.5	
		12	6	16.56	16.50	16.64	1	16.5	
		12	6	16.51	16.56	16.62	1	16.5	
	64QAM	25	0	16.56	16.54	16.67	1	16.5	
		1	0	16.61	16.47	16.58	1	16.5	
		1	12	16.43	16.51	16.44	1	16.5	
		1	24	16.62	16.54	16.64	1	16.5	
12		0	16.58	16.43	16.48	2	15.5		
12		6	16.57	16.51	16.69	2	15.5		
50M	QPSK	12	6	16.57	16.51	16.69	2	15.5	
		12	13	16.65	16.65	16.48	2	15.5	
		25	0	16.59	16.56	16.68	2	15.5	
		25	29	16.67	16.62	16.67	3	14.5	
		50	0	16.69	16.48	16.68	3	14.5	
		50	0	16.69	16.48	16.68	3	14.5	
	16QAM	1	0	16.52	16.45	16.32	0	17.5	
		1	12	16.33	16.34	16.33	0	17.5	
		1	24	16.54	16.45	16.51	0	17.5	
		12	0	16.55	16.45	16.40	1	16.5	
		12	6	16.56	16.50	16.64	1	16.5	
		12	6	16.51	16.56	16.62	1	16.5	
	64QAM	25	0	16.56	16.54	16.67	1	16.5	
		1	0	16.61	16.47	16.58	1	16.5	
		1	12	16.43	16.51	16.44	1	16.5	
		1	24	16.62	16.54	16.64	1	16.5	
12		0	16.58	16.43	16.48	2	15.5		
12		6	16.57	16.51	16.69	2	15.5		
60M	QPSK	12	6	16.57	16.51	16.69	2	15.5	
		12	13	16.65	16.65	16.48	2	15.5	
		25	0	16.59	16.56	16.68	2	15.5	
		25	29	16.67	16.62	16.67	3	14.5	
		50	0	16.69	16.48	16.68	3	14.5	
		50	0	16.69	16.48	16.68	3	14.5	
	16QAM	1	0	16.52	16.45	16.32	0	17.5	
		1	12	16.33	16.34	16.33	0	17.5	
		1	24	16.54	16.45	16.51	0	17.5	
		12	0	16.55	16.45	16.40	1	16.5	
		12	6	16.56	16.50	16.64	1	16.5	
		12	6	16.51	16.56	16.62	1	16.5	
	64QAM	25	0	16.56	16.54	16.67	1	16.5	
		1	0	16.61	16.47	16.58	1	16.5	
		1	12	16.43	16.51	16.44	1	16.5	
		1	24	16.62	16.54	16.64	1	16.5	

LTE Band 25 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max.	Tune-up (dBm)
		Channel	Frequency (MHz)	1800	2630	2650	MPR	Time-up	
		Channel	Frequency (MHz)	1800	2630	2650	MPR	Time-up	
20M	QPSK	1	0	17.66	17.58	17.63	0	18.5	
		1	50	17.59	17.55	17.46	0	18.5	
		1	99	17.52	17.48	17.45	0	18.5	
		50	0	16.72	16.64	16.63	1	17.5	
		50	25	16.74	16.72	16.69	1	17.5	
	16QAM	50	50	16.64	16.60	16.63	1	17.5	
		100	0	16.66	16.72	16.72	1	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	
20M	16QAM	50	0	15.73	15.63	15.54	2	16.5	
		50	25	15.66	15.70	15.65	2	16.5	
		50	50	15.70	15.58	15.59	2	16.5	
		100	0	15.69	15.59	15.68	2	16.5	
		1	0	16.96	16.92	16.77	2	16.5	
	64QAM	1	50	16.59	16.55	16.56	2	16.5	
		1	99	16.68	16.68	16.59	2	16.5	
		50	0	15.69	15.55	15.60	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	
20M	16QAM	100	0	15.64	15.64	15.71	3	15.5	
		50	0	16.13	16.08	16.03	3	15.5	
		1807.5	1880	1807.5			SCPP	Max.	Time-up
		1	0	17.60	17.53	17.62	0	18.5	
		1	37	17.58	17.53	17.41	0	18.5	
15M	QPSK	1	24	17.44	17.31	17.43	0	18.5	
		36	0	16.71	16.60	16.60	1	17.5	
		36	18	16.71	16.71	16.63	1	17.5	
		36	39	16.60	16.56	16.61	1	17.5	
		75	0	16.60	16.70	16.64	1	17.5	
	16QAM	1	0	17.04	16.84	17.02	1	17.5	
		1	37	16.62	16.72	16.66	1	17.5	
		1	74	16.75	16.74	16.73	1	17.5	
		36	0	15.72	15.58	15.46	2	16.5	
		36	19	15.60	15.67	15.61	2	16.5	
15M	16QAM	36	39	15.68	15.66	15.70	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	
		1	37	16.52	16.47	16.50	2	16.5	
		1	74	16.66	16.67	16.55	2	16.5	
	64QAM	1	14	16.66	16.67	16.55	2	16.5	
		36	0	15.67	15.47	15.65	3	15.5	
		36	19	15.60	15.67	15.61	3	15.5	
		36	39	15.67	15.47	15.65	3	15.5	
		75	0	15.56	15.57	15.68	3	15.5	
10M	QPSK	Channel	2600	2630	2640	2640	SCPP	Max.	Time-up
		Frequency (MHz)	2600	2630	2640	2640	MPR	Time-up	
		1	0	17.60	17.50	17.61	0	18.5	
		1	24	17.58	17.52	17.38	0	18.5	
		1	49	17.45	17.30	17.39	0	18.5	
	16QAM	25	0	16.69	16.58	16.61	1	17.5	
		25	12	16.72	16.68	16.64	1	17.5	
		25	25	16.68	16.52	16.61	1	17.5	
		50	0	16.64	16.64	16.66	1	17.5	
		1	0	16.88	16.88	16.98	1	17.5	
10M	16QAM	1	24	16.69	16.66	16.70	1	17.5	
		1	49	16.70	16.66	16.70	1	17.5	
		25	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	
	64QAM	50	0	15.64	15.57	15.60	2	16.5	
		1	0	16.91	16.84	16.71	2	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	
5M	QPSK	25	12	15.63	15.64	15.63	3	15.5	
		25	25	15.66	15.49	15.64	3	15.5	
		50	0	15.62	15.57	15.66	3	15.5	
		Channel	2600	2630	2640	2640	SCPP	Max.	Time-up
		Frequency (MHz)	2600	2630	2640	2640	MPR	Time-up	
5M	QPSK	1	0	17.60	17.51	17.58	0	18.5	
		1	7	17.52	17.50	17.44	0	18.5	
		1	14	17.44	17.39	17.39	0	18.5	
		8	0	16.64	16.63	16.61	1	17.5	
		8	3	16.70	16.67	16.61	1	17.5	
	16QAM	15	0	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	
		1	14	16.75	16.64	16.73	1	17.5	
3M	16QAM	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	
		1	0	16.95	16.86	16.75	2	16.5	
	64QAM	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	
		8	7	15.61	15.54	15.64	3	15.5	
1.4M	QPSK	15	0	15.62	15.56	15.70	3	15.5	
		Channel	2600	2630	2640	2640	SCPP	Max.	Time-up
		Frequency (MHz)	2600	2630	2640	2640	MPR	Time-up	
		1	0	17.65	17.55	17.55	0	18.5	
		1	2	17.54	17.47	17.40	0	18.5	
	16QAM	1	5	17.51	17.32	17.43	0	18.5	
		3	0	17.67	17.57	17.58	0	18.5	
		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	
1.4M	16QAM	1	0	16.98	16.91	16.98	1	17.5	
		1	2	16.66	16.71	16.70	1	17.5	
		1	5	16.72	16.68	16.70	1	17.5	
		3	0	16.66	16.58	16.52	1	17.5	
		3	1	16.58	16.68	16.60	1	17.5	
	64QAM	3	3	16.68	16.50	16.57	1	17.5	
		6	0	15.57	15.53	15.60	2	16.5	
		1	0	16.90	16.90	16.71	2	16.5	
		1	2	16.54	16.47	16.55	2	16.5	
		1	5	16.64	16.63	16.54	2	16.5	

LTE Band 30 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	SCPP	Max.	Tune-up
		Channel	Frequency (MHz)	2765	2775	2775	MPR	Time-up	
		Channel	Frequency (MHz)	2765	2775	2775	MPR	Time-up	
10M	QPSK	1	0	20.50	20.42	20.48	0	21	
		1	24	20.47			0	21	
		1	49	20.45			0	21	
		25	0	19.45			1	20	
		25	12	19.45			1	20	
		25	25	19.51			1	20	
		50	0	18.49			1	20	
		1	0	19.65			1	20	
		1	24	19.65			1	20	
		1	49	19.63			1	20	
	16QAM	25	0	18.44			2	19	
		25	12	18.44			2	19	
		25	25	18.51			2	19	
		50	0	18.47			2	19	
		1	0	19.54			2	19	
		1	24	19.51			2	19	
		1	49	19.52			2	19	
		25	0	18.49			3	18	
		25	12	18.40			3	18	
		25	25	18.49			3	18	
50	0	18.44			3	18			
5M	QPSK	Channel	2765	2775	2775	2775	SCPP	Max.	Time-up
		Frequency (MHz)	2765	2775	2775	2775	MPR	Time-up	
		1	0	20.45	20.42	20.48	0	21	
		1	12	20.38	20.39	20.42	0	21	
		1	24	20.38	20.41	20.44	0	21	
		12	0	19.39	19.37	19.41	1	20	
		12	6	19.36	19.41	19.43	1	20	
		12	13	19.42	19.45	19.46	1	20	
		25	0	18.43	18.32	18.40	1	20	
		1	0	19.57	19.57	19.61	1	20	
	16QAM	1	12	19.61	19.64	19.64	1	20	
		1	24	19.56	19.55	19.60	1	20	
		12	0	18.44	18.38	18.44	2	19	
		12	6	18.40	18.36	18.46	2	19	
		12	13	18.37	18.47	18.42	2	19	
		25	0	18.38	18.39	18.45	2	19	
		1	0	19.47	19.50	19.46	2	19	
		1	12	19.51	19.55	19.58	2	19	
		1	24	19.51	19.45	19.44	2	19	
		12	0	18.39	18.41	18.46	3	18	
64QAM	12	6	18.39	18.45	18.38	3	18		
	12	13	18.41	18.44	18.43	3	18		
	25	0	18.43	18.32	18.42	3	18		

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	MPR (dB)	MPR (dB)	MPR (dB)
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	17.36	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	16.40	16.35	16.31	15.90	15.99	2	17.5	
		50	50	16.42	16.46	16.32	16.03	16.02	2	17.5	
64QAM	100	0	16.63	16.64	16.44	16.04	16.08	2	17.5		
	1	0	17.39	17.49	17.30	17.02	17.08	2	17.5		
	1	50	17.41	17.36	17.25	16.81	16.88	2	17.5		
	1	99	17.42	17.38	17.29	16.86	17.01	2	17.5		
	50	0	16.42	16.42	16.25	15.92	15.97	3	16.5		
	50	25	16.53	16.54	16.33	16.11	16.12	3	16.5		
40M	QPSK	50	50	16.48	16.49	16.31	15.99	16.09	3	16.5	
		100	0	16.61	16.63	16.47	16.14	16.13	3	16.5	
		Channel	2496.5	2496.5	2497	2498.5	2499	2500	3GPP MPR	Max. Tune-up	
		1	0	18.47	18.48	18.22	18.00	17.95	0	19.5	
		1	37	18.36	18.35	18.19	17.76	17.98	0	19.5	
		1	74	18.40	18.49	18.25	17.82	17.90	0	19.5	
	16QAM	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	17.38	17.38	17.37	17.00	17.06	2	17.5	
		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	
64QAM	1	74	17.17	17.23	17.08	16.73	16.73	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	16.30	15.91	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		
60M	QPSK	1	37	17.39	17.29	17.20	16.80	16.80	2	17.5	
		1	74	17.38	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	15.94	16.01	3	16.5	
		75	0	16.59	16.45	16.36	16.10	16.10	3	16.5	
		Channel	2496.5	2496.5	2497	2498.5	2499	2500	3GPP MPR	Max. Tune-up	
	16QAM	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	17.86	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	17.04	1	18.5	
		25	25	17.37	17.37	17.37	17.04	17.03	1	18.5	
80M	QPSK	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	
		25	12	16.41	16.36	16.32	15.95	15.94	2	17.5	
100M	QPSK	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	17.25	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	16.84	16.95	2	17.5	
		25	0	16.36	16.34	16.23	15.84	15.90	3	16.5	
120M	QPSK	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	
		Channel	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	17.86	0	19.5	
160M	QPSK	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	17.04	1	18.5	
		25	25	17.37	17.37	17.37	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	
200M	QPSK	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	
		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	
300M	QPSK	1	0	17.31	17.45	17.25	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	16.84	16.95	2	17.5	
		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	
400M	QPSK	50	0	16.60	16.47	16.45	16.12	16.07	3	16.5	
		Channel	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	17.86	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	
600M	QPSK	25	12	17.54	17.46	17.30	17.00	17.04	1	18.5	
		25	25	17.37	17.37	17.37	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	17.18	17.08	16.65	16.76	1	18.5	
		1	49	17.21	17.21	17.14	16.72	16.82	1	18.5	
800M	QPSK	12	0	16.32	16.29	16.23	15.86	15.97	2	17.5	
		12	6	16.37	16.42	16.27	15.82	15.95	2	17.5	
		12	13	16.36	16.41	16.26	15.82	15.95	2	17.5	
		12	6	16.48	16.52	16.30	16.00	16.07	3	16.5	
		12	13	16.39	16.43	16.27	15.82	15.95	2	17.5	
		25	0	16.55	16.57	16.36	15.99	16.07	3	16.5	
1000M	QPSK	1	0	17.32	17.44	17.28	16.97	17.03	2	17.5	
		1	13	17.33	17.34	17.19	16.89	16.95	2	17.5	
		1	24	17.34	17.34	17.19	16.89	16.90	2	17.5	
		12	0	16.38	16.37	16.17	15.86	15.95	3	16.5	
		12	6	16.45	16.53	16.31	16.06	16.07	3	16.5	
		12	13	16.44	16.54	16.34	16.06	16.08	3	16.5	
1200M	QPSK	25	0	16.55	16.51	16.44	16.06	16.05	3	16.5	

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
	16QAM	1	0	17.03	17.18	17.14	1	18
		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
	64QAM	1	0	15.79	16.02	15.84	2	17
		1	50	15.67	15.76	15.78	2	17
		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
BW	MCS Index	Channel		43665	44090	44515	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3607.5	3650	3692.5		
15M	QPSK	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
		75	0	16.76	17.09	16.94	1	18
	16QAM	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
BW	MCS Index	Channel		43640	44090	44540	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3605	3650	3695		
10M	QPSK	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
		50	0	16.81	17.07	16.97	1	18
	16QAM	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
BW	MCS Index	Channel		43615	44090	44565	3GPP MPR	Max. Tune-up
		Frequency (MHz)		3602.5	3650	3697.5		
5M	QPSK	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
		25	0	16.76	17.11	16.94	1	18
	16QAM	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	14.81	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)	Max. Tx-Power (dBm)	
		Channel			120272	122322			123272
		Frequency (MHz)			1715	1745			1775
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	
		50	0	16.12	16.28	16.38	2	16.5	
		50	25	16.15	16.17	16.37	2	16.5	
	16QAM	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	
		100	0	16.20	16.16	16.42	3	15.5	
		64QAM	1	0	17.68	17.88	17.88	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	39		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		
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		
15M	QPSK	36	39	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	
		36	0	16.14	16.31	16.28	3	15.5	
		36	19	16.14	16.04	16.37	3	15.5	
		36	39	15.98	16.18	16.27	3	15.5	
		75	0	16.18	16.08	16.41	3	15.5	
		16QAM	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	17.66	1	17.5	
	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	
	64QAM	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	17.36	2	16.5		
1		49	17.43	17.36	17.58	2	16.5		
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		
10M		QPSK	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	17.66	1	17.5	
	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	
	16QAM	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	17.36	2	16.5	
		1	49	17.43	17.36	17.58	2	16.5	
		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	
		64QAM	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	17.66	1	17.5		
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		
5M	QPSK	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	12	17.88	17.94	18.18	0	18.5	
		1	24	17.96	17.99	18.22	0	18.5	
		12	0	17.02	17.15	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	17.19	1	17.5	
		1	0	17.33	17.57	17.70	1	17.5	
		1	12	17.19	17.33	17.44	1	17.5	
		1	24	17.46	17.36	17.68	1	17.5	
	16QAM	12	0	16.04	16.22	16.30	2	16.5	
		12	6	16.06	16.15	16.31	2	16.5	
		12	13	16.11	16.11	16.30	2	16.5	
		25	0	16.05	16.08	16.35	2	16.5	
		1	0	17.44	17.52	17.55	2	16.5	
		1	12	17.20	17.29	17.52	2	16.5	
		1	24	17.37	17.42	17.61	2	16.5	
		12	0	16.15	16.28	16.27	3	15.5	
		12	6	16.17	16.16	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	
		64QAM	1	0	17.68	17.87	17.87	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	7		17.07	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		17.38	17.56	17.71	1	17.5		
1	7		17.19	17.31	17.41	1	17.5		
1	14		17.45	17.38	17.68	1	17.5		
8	0		16.11	16.23	16.30	2	16.5		
8	7		16.12	16.14	16.33	2	16.5		
3M	QPSK	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	17.50	17.49	2	16.5	
		1	7	17.12	17.14	17.32	2	16.5	
		1	14	17.43	17.42	17.59	2	16.5	
		8	0	16.17	16.25	16.34	3	15.5	
		8	7	16.14	16.04	16.37	3	15.5	
		8	7	16.04	16.23	16.28	3	15.5	
		15	0	16.17	16.15	16.46	3	15.5	
		16QAM	1	0	17.71	17.84	17.92	0	18.5
			1	14	17.87	17.96	18.18	0	18.5
			1	5	17.99	18.00	18.18	0	18.5
	8		0	18.03	18.13	18.27	0	18.5	
	3		0	18.03	18.24	18.22	0	18.5	
	3		3	18.05	18.24	18.26	0	18.5	
	6		0	17.11	17.12	17.36	1	17.5	
	1		0	17.35	17.56	17.67	1	17.5	
	1		5	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	17.31	1	17.5	
	3		3	17.07	17.16	17.32	1	17.5	
	64QAM	3	3	17.04	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		5	17.12	17.20	17.33	2	16.5		
1		5	17.43	17.35	17.61	2	16.5		
3		0	17.11	17.22	17.27	2	16.5		
3		1	17.10	17.19	17.32	2	16.5		
3		3	17.07	17.14	17.31	2	16.5		
6		0	16.16	16.11	16.37	3	15.5		
1.4M		QPSK	1	0	17.68	17.88	17.88	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
	8		0	18.03	18.13	18.27	0	18.5	
	3		0	18.03	18.24	18.22	0	18.5	
	3		3	18.05	18.24	18.26	0	18.5	
	6		0	17.11	17.12	17.36	1	17.5	
	1		0	17.35	17.56	17.67	1	17.5	
	1		5	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	17.31	1	17.5	
	3		3	17.07	17.16	17.32	1	17.5	
	16QAM	3	3	17.04	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	5	17.12	17.20	17.33	2	16.5	
		1	5	17.43	17.35	17.61	2	16.5	
		3	0	17.11	17.22	17.27	2	16.5	
		3	1	17.10	17.19	17.32	2	16.5	
		3	3	17.07	17.14	17.31	2	16.5	
		6	0	16.16	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	376000	380000		
		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		371500	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	1899	
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	381600	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	18.15	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	
		RB Size	RB Offset	19.03	19.11	19.08	
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	
		RB Size	RB Offset	19.04	19.05	19.03	
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 P1/2 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	
		RB Size	RB Offset	18.99	19.04	19.10	
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	
		RB Size	RB Offset	19.03	19.09	19.07	
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	
		RB Size	RB Offset	19.00	19.01	19.01	
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	
		RB Size	RB Offset	18.97	18.95	19.04	
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	
		RB Size	RB Offset	19.01	18.97	19.05	
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	
		RB Size	RB Offset	19.08	18.99	19.02	
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	
		RB Size	RB Offset	19.05	19.00	19.03	
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 P1/2 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
		1	1	21.27	21.34	21.33	21.5
	DFT-s-OFDM QPSK	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
		1	1	20.50	20.53	20.50	21
		1	1	19.02	19.04	19.00	19.5
		1	1	17.11	17.19	17.08	17.5
	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	
		1	1	16.81	16.73	16.66	
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	
		1	1	16.77	16.77	16.59	
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	
		1	1	16.78	16.69	16.78	
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	
		1	1	16.71	16.71	16.72	
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	
		1	1	16.85	16.74	16.60	
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	
		1	1	18.34	18.17	18.33	18.5	
	DFT-s-OFDM QPSK	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			63333.4		
		Frequency (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		19.11		19.5
BW	MCS Index	Channel		632668	63333.4	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	63333.4	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	63333.4	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	63333.4	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	63333.4	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	63333.4	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		63333.4				
		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	63333.4	634000	Max. Tune-up
			Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	632043	20.52	20.44	21	
BW	MCS Index	Channel		632000	63333.4	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	63333.4	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	63333.4	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	63333.4	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	63333.4	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
	DFT-s-OFDM QPSK	1	1		20.45		21
		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			
		Channel	Frequency (MHz)	1880	1880	1880	MPE	dBm	Time-up		
20M	QPSK	1	0	19.84	19.83	19.77	0	21			
		1	50	19.81	19.50	19.68	0	21			
		1	99	19.75	19.69	19.63	0	21			
		50	0	19.03	18.89	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	18.96	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			
30M	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	17.89	18.06	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	16.91	3	18			
		50	25	16.32	16.25	16.06	3	18			
		50	50	16.46	16.30	16.36	3	18			
40M	QPSK	1	0	17.05	16.97	16.86	3	18			
		1	0	19.04	18.97	18.70	1	20			
		1	50	19.14	18.87	18.92	1	20			
		1	99	19.07	18.76	18.86	1	20			
		1	74	19.09	18.76	18.81	1	20			
	16QAM	36	0	17.86	17.65	17.86	2	19			
		36	19	18.05	17.68	17.93	2	19			
		36	39	17.77	17.81	17.74	2	19			
		75	0	18.06	17.69	17.84	2	19			
		1	0	18.02	17.93	18.06	2	19			
60M	16QAM	1	37	17.87	17.70	17.55	2	19			
		1	74	17.83	17.74	17.91	2	19			
		36	0	17.12	16.87	16.88	3	18			
		36	19	16.29	16.24	16.01	3	18			
		36	39	16.42	16.25	16.34	3	18			
	64QAM	75	0	17.04	16.71	16.84	3	18			
		Channel	1880	1880	1880	SCPP	Max. Turn-up				
		Frequency (MHz)	1880	1880	1880	MPE	dBm	Time-up			
		15M	QPSK	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	19.59	0	21			
36	0			19.00	18.75	18.82	1	20			
36	19			19.10	18.77	18.88	1	20			
16QAM	36		39	18.84	18.66	18.97	1	20			
	75		0	19.14	18.97	18.70	1	20			
	1		0	19.04	18.87	18.92	1	20			
	1		37	19.00	18.76	18.88	1	20			
	1		74	19.09	18.76	18.81	1	20			
30M	16QAM	36	0	17.86	17.65	17.86	2	19			
		36	19	18.05	17.68	17.93	2	19			
		36	39	17.78	17.81	17.74	2	19			
		75	0	18.06	17.69	17.84	2	19			
		1	0	18.02	17.93	18.06	2	19			
	64QAM	1	37	17.87	17.70	17.55	2	19			
		1	74	17.83	17.74	17.91	2	19			
		36	0	17.12	16.87	16.88	3	18			
		36	19	16.29	16.24	16.01	3	18			
		36	39	16.42	16.25	16.34	3	18			
40M	QPSK	1	0	19.83	19.81	19.75	0	21			
		1	24	19.77	19.47	19.62	0	21			
		1	49	19.68	19.68	19.59	0	21			
		25	0	18.97	18.76	18.89	1	20			
		25	12	19.11	18.82	18.87	1	20			
	16QAM	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			
		1	24	18.99	18.76	18.86	1	20			
		1	49	19.05	18.81	18.83	1	20			
60M	16QAM	25	0	17.90	17.65	17.87	2	19			
		25	12	17.99	17.72	17.89	2	19			
		25	25	17.83	17.60	17.62	2	19			
		50	0	18.07	17.72	17.87	2	19			
		1	0	18.02	17.95	18.03	2	19			
	64QAM	1	24	17.98	17.85	17.93	2	19			
		1	49	17.95	17.73	17.91	2	19			
		25	0	17.12	16.89	16.83	3	18			
		25	12	16.25	16.17	16.01	3	18			
		25	25	16.44	16.29	16.32	3	18			
15M	QPSK	1	0	19.76	19.75	19.75	0	21			
		1	12	19.74	19.45	19.66	0	21			
		1	24	19.64	19.62	19.58	0	21			
		12	0	18.96	18.76	18.88	1	20			
		12	6	19.04	18.82	18.81	1	20			
	16QAM	12	13	18.85	18.73	18.87	1	20			
		25	0	19.11	18.94	18.70	1	20			
		25	0	19.03	18.84	18.86	1	20			
		1	12	18.98	18.76	18.86	1	20			
		1	24	19.09	18.75	18.85	1	20			
30M	16QAM	12	6	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			
		25	0	18.02	17.69	17.83	2	19			
		1	0	18.07	17.66	17.89	2	19			
	64QAM	1	12	17.83	17.64	17.84	2	19			
		1	24	17.90	17.75	17.81	2	19			
		12	6	16.99	16.89	16.84	3	18			
		12	6	16.30	16.17	16.06	3	18			
		12	13	16.38	16.26	16.31	3	18			
40M	QPSK	25	0	17.03	16.69	16.85	3	18			
		Channel	1880	1880	1880	SCPP	Max. Turn-up				
		Frequency (MHz)	1880	1880	1880	MPE	dBm	Time-up			
		15M	QPSK	1	0	19.78	19.81	19.71	0	21	
				1	7	19.79	19.42	19.66	0	21	
	1			14	19.66	19.61	19.62	0	21		
	8			0	18.99	18.76	18.85	1	20		
	8			3	19.04	18.83	18.82	1	20		
	16QAM		8	7	18.89	18.69	18.88	1	20		
			15	0	19.09	18.97	18.73	1	20		
1			0	19.04	18.90	18.96	1	20			
1			7	18.95	18.79	18.85	1	20			
1			14	18.99	18.75	18.84	1	20			
30M	16QAM	8	0	17.64	17.67	17.60	2	19			
		8	3	18.01	17.74	17.80	2	19			
		8	7	17.79	17.80	17.77	2	19			
		15	0	18.02	17.70	17.80	2	19			
		1	0	18.01	17.93	18.05	2	19			
	64QAM	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	16.05	3	18			
		8	7	16.42	16.25	16.28	3	18			
40M	QPSK	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			
		3	0	19.47	19.23	19.38	0	21			
		3	1	19.61	19.32	19.29	0	21			
	16QAM	3	3	19.38	19.16	19.33	0	21			
		6	0	19.14	18.93	18.79	1	20			
		1	0	19.06	18.88	18.93	1	20			
		1	2	19.01	18.73	18.88	1	20			
		1	5	19.06	18.78	18.92	1	20			
60M	16QAM	3	3	18.88	18.68	18.83	1	20			
		3	1	18.99	18.75	18.89	1	20			
		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			
	64QAM	1	2	17.80	17.70	17.55	2	19			
		1	5	17.89	17.73	17.91	2	19			
		3	0	17.05	16.85	16.81	3	18			
		3	1	17.26	17.23	17.01	2	19			
		3	3	17.43	17.22	17.35	2	19			
1.4M	QPSK	6	0	17.01	16.72	16.81	3	18			
		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			
		3	0	19.47	19.23	19.38	0	21			
	16QAM	3	1	19.61	19.32	19.29	0	21			
		3	3	19.38	19.16	19.33	0	21			
		6	0	19.14	18.93	18.79	1	20			
		1	0	19.06	18.88	18.93	1	20			
		1	2	19.01	18.73	18.88	1	20			

LTE Band 4 (Ant1)										
BW	MCS Index	RB Size	RB Offset		Low	Mid	High	SCPP MPR (dB)	Max. Turn-up	
			Channel	Frequency (MHz)						
20M	QPSK	150M	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	
	16QAM	150M	100	0	19.00	18.90	19.01	1	20	
			1	0	19.08	19.16	19.27	1	20	
			1	50	18.89	19.07	19.20	1	20	
			1	99	19.02	19.00	19.25	1	20	
			50	0	17.71	17.89	18.02	2	19	
			50	25	17.78	17.90	18.13	2	19	
	64QAM	150M	50	50	17.84	17.86	17.95	2	19	
			100	0	17.78	17.84	18.07	2	19	
			1	0	17.86	17.96	18.23	2	19	
			1	50	18.05	18.11	18.38	2	19	
			1	99	18.15	18.23	18.28	2	19	
			50	0	16.60	16.77	16.96	3	18	
30M	QPSK	150M	50	25	16.87	16.99	17.08	3	18	
			50	50	16.81	16.79	17.08	3	18	
			100	0	16.60	16.67	16.93	3	18	
			1	0	17.06	17.10	17.30	2	19	
			1	50	17.06	17.10	17.30	2	19	
			1	99	17.06	17.10	17.30	2	19	
	16QAM	150M	36	0	17.63	17.68	17.97	2	19	
			36	19	17.63	17.84	18.13	2	19	
			36	39	17.63	17.81	17.87	2	19	
			1	0	17.72	17.81	18.03	2	19	
			1	0	17.84	17.89	18.10	2	19	
			1	37	17.99	18.03	18.20	2	19	
	64QAM	150M	1	74	18.14	18.21	18.31	2	19	
			36	0	16.62	16.69	16.93	3	18	
			36	19	16.85	16.96	17.04	3	18	
			36	39	16.79	16.87	17.00	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
40M	QPSK	150M	Channel	2000	2005	2075	2090	SCPP MPR	Max. Turn-up	
			Frequency (MHz)	1715	1725.5	1735	1747.5			
			1	0	19.74	19.87	19.93	0	21	
			1	37	19.61	19.74	19.80	0	21	
			1	74	19.61	19.61	19.61	0	21	
			36	0	19.70	19.36	19.92	1	20	
	16QAM	150M	36	19	18.65	18.78	19.08	1	20	
			36	29	18.72	18.85	19.00	1	20	
			1	0	19.04	19.11	19.29	1	20	
			1	37	18.83	18.90	19.17	1	20	
			1	74	19.00	18.90	19.29	1	20	
			36	0	17.63	17.68	17.97	2	19	
	64QAM	150M	36	19	17.63	17.84	18.13	2	19	
			36	29	17.63	17.81	17.87	2	19	
			1	0	17.72	17.81	18.03	2	19	
			1	0	17.84	17.89	18.10	2	19	
			1	37	17.99	18.03	18.20	2	19	
			1	74	18.14	18.21	18.31	2	19	
50M	QPSK	150M	36	0	16.62	16.69	16.93	3	18	
			36	19	16.85	16.96	17.04	3	18	
			36	39	16.79	16.87	17.00	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
	60M	QPSK	150M	Channel	2000	2005	2075	2090	SCPP MPR	Max. Turn-up
				Frequency (MHz)	1715	1725.5	1735	1747.5		
				1	0	19.74	19.87	19.93	0	21
				1	37	19.61	19.74	19.80	0	21
				1	74	19.61	19.61	19.61	0	21
				36	0	19.70	19.36	19.92	1	20
		16QAM	150M	36	19	18.65	18.78	19.08	1	20
				36	29	18.72	18.85	19.00	1	20
				1	0	19.04	19.11	19.29	1	20
				1	37	18.83	18.90	19.17	1	20
				1	74	19.00	18.90	19.29	1	20
				36	0	17.63	17.68	17.97	2	19
64QAM		150M	36	19	17.63	17.84	18.13	2	19	
			36	29	17.63	17.81	17.87	2	19	
			1	0	17.72	17.81	18.03	2	19	
			1	0	17.84	17.89	18.10	2	19	
			1	37	17.99	18.03	18.20	2	19	
			1	74	18.14	18.21	18.31	2	19	
70M	QPSK	150M	36	0	16.62	16.69	16.93	3	18	
			36	19	16.85	16.96	17.04	3	18	
			36	39	16.79	16.87	17.00	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
	80M	QPSK	150M	Channel	2000	2005	2075	2090	SCPP MPR	Max. Turn-up
				Frequency (MHz)	1715	1725.5	1735	1747.5		
				1	0	19.74	19.87	19.93	0	21
				1	37	19.61	19.74	19.80	0	21
				1	74	19.61	19.61	19.61	0	21
				36	0	19.70	19.36	19.92	1	20
		16QAM	150M	36	19	18.65	18.78	19.08	1	20
				36	29	18.72	18.85	19.00	1	20
				1	0	19.04	19.11	19.29	1	20
				1	37	18.83	18.90	19.17	1	20
				1	74	19.00	18.90	19.29	1	20
				36	0	17.63	17.68	17.97	2	19
64QAM		150M	36	19	17.63	17.84	18.13	2	19	
			36	29	17.63	17.81	17.87	2	19	
			1	0	17.72	17.81	18.03	2	19	
			1	0	17.84	17.89	18.10	2	19	
			1	37	17.99	18.03	18.20	2	19	
			1	74	18.14	18.21	18.31	2	19	
90M	QPSK	150M	36	0	16.62	16.69	16.93	3	18	
			36	19	16.85	16.96	17.04	3	18	
			36	39	16.79	16.87	17.00	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
			75	0	16.85	16.77	17.13	3	18	
	100M	QPSK	150M	Channel	2000	2005	2075	2090	SCPP MPR	Max. Turn-up
				Frequency (MHz)	1715	1725.5	1735	1747.5		
				1	0	19.74	19.87	19.93	0	21
				1	37	19.61	19.74	19.80	0	21
				1	74	19.61	19.61	19.61	0	21
				36	0	19.70	19.36	19.92	1	20
		16QAM	150M	36	19	18.65	18.78	19.08	1	20
				36	29	18.72	18.85	19.00	1	20
				1	0	19.04	19.11	19.29	1	20
				1	37	18.83	18.90	19.17	1	20
				1	74	19.00	18.90	19.29	1	20
				36	0	17.63	17.68	17.97	2	19
64QAM		150M	36	19	17.63	17.84	18.13	2	19	
			36	29	17.63	17.81	17.87	2	19	
			1	0	17.72	17.81	18.03	2	19	
			1	0	17.84	17.89	18.10	2	19	
			1	37	17.99	18.03	18.20	2	19	
			1	74	18.14	18.21	18.31	2	19	

LTE Band 25 (Ant1)									
BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up (dB)
Channel									
Frequency (MHz)									
20M	QPSK	1	0	20.05	19.95	20.05	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	
	16QAM	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	
20M	16QAM	50	0	18.25	18.14	18.06	2	19	
		50	25	18.18	18.21	18.17	2	19	
		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	
	64QAM	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	
20M	16QAM	100	0	17.11	17.10	17.18	3	18	
		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	
20M	16QAM	36	19	17.09	17.15	17.10	3	18	
		36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
		1	37	18.27	18.21	18.25	2	19	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
20M	16QAM	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	
20M	16QAM	36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
20M	16QAM	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	17.12	3	18	
20M	16QAM	75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	36	19	17.09	17.15	17.10	3	18	
		36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
		1	37	18.27	18.21	18.25	2	19	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
20M	16QAM	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	
20M	16QAM	36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
20M	16QAM	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	17.12	3	18	
20M	16QAM	75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	36	19	17.09	17.15	17.10	3	18	
		36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
		1	37	18.27	18.21	18.25	2	19	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
20M	16QAM	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	
20M	16QAM	36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
20M	16QAM	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	17.12	3	18	
20M	16QAM	75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	36	19	17.09	17.15	17.10	3	18	
		36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
		1	37	18.27	18.21	18.25	2	19	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
20M	16QAM	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	
20M	16QAM	36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
20M	16QAM	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	17.12	3	18	
20M	16QAM	75	0	17.03	17.03	17.16	3	18	
		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	
20M	16QAM	36	19	17.09	17.15	17.10	3	18	
		36	39	17.15	16.94	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
		1	0	18.53	18.47	18.27	2	19	
		1	37	18.27	18.21	18.25	2	19	
20M	16QAM	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	17.12	3	18	
		75	0	17.03	17.03	17.16	3	18	
20M	16QAM	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				

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)										
20M										
QPSK	1	0	19.85	19.90	19.95	19.91	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	18.69	18.50	18.29	1	20	
	50	50	18.61	18.74	18.58	18.35	18.32	1	20	
	100	0	18.62	18.87	18.37	18.26	18.31	1	20	
	1	0	18.82	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	
15QAM	50	0	17.78	17.77	17.66	17.42	17.38	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	17.25	2	19	
	1	0	17.89	17.96	17.58	17.33	17.08	2	19	
	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	
64QAM	100	0	16.62	16.81	16.69	16.50	16.29	3	18	
Channel										
Frequency (MHz)										
5M										
QPSK	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	19.54	19.68	19.54	19.30	19.01	0	21	
	36	0	18.62	18.76	18.62	18.36	18.36	1	20	
	36	19	18.81	18.89	18.54	18.49	18.22	1	20	
	36	39	18.53	18.67	18.56	18.36	18.30	1	20	
	75	0	18.81	18.83	18.60	18.43	18.26	1	20	
	1	0	18.79	18.86	18.66	18.55	18.41	1	20	
	1	37	18.64	18.72	18.55	18.20	18.14	1	20	
	1	74	18.54	18.77	18.48	18.36	18.13	1	20	
15QAM	36	0	17.76	17.69	17.64	17.38	17.38	2	19	
	36	19	17.62	17.85	17.56	17.36	17.30	2	19	
	36	39	17.70	17.72	17.48	17.41	17.32	2	19	
	75	0	17.84	17.86	17.66	17.49	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	17.26	17.20	16.97	16.97	2	19	
	36	0	16.78	16.66	16.42	16.40	16.31	3	18	
	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	
64QAM	75	0	16.60	16.73	16.60	16.46	16.36	3	18	
Channel										
Frequency (MHz)										
20M										
QPSK	1	0	19.77	19.88	19.51	19.44	19.26	0	21	
	1	24	19.43	19.50	19.25	18.97	19.06	0	21	
	1	49	19.48	19.65	19.32	19.14	18.99	0	21	
	25	0	18.65	18.75	18.61	18.32	18.34	1	20	
	25	12	18.60	18.84	18.54	18.44	18.27	1	20	
	25	25	18.50	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	
15QAM	25	0	17.72	17.69	17.63	17.34	17.33	2	19	
	25	12	17.68	17.81	17.60	17.39	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	
	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	16.86	16.55	16.57	16.37	3	18	
64QAM	50	0	16.81	16.75	16.67	16.48	16.33	3	18	
Channel										
Frequency (MHz)										
5M										
QPSK	1	0	19.80	19.83	19.51	19.46	19.26	0	21	
	1	12	19.43	19.50	19.24	19.01	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	18.36	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	18.28	1	20	
	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	
15QAM	12	0	17.70	17.71	17.57	17.38	17.37	2	19	
	12	6	17.64	17.87	17.55	17.35	17.30	2	19	
	12	13	17.66	17.73	17.58	17.42	17.32	2	19	
	25	0	17.80	17.82	17.52	17.35	17.34	2	19	
	1	0	17.34	17.54	17.26	17.11	16.84	2	19	
	1	12	17.34	17.41	17.25	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	
	12	6	16.67	16.83	16.60	16.50	16.35	3	18	
	12	13	16.76	16.88	16.53	16.40	16.35	3	18	
64QAM	25	0	16.76	16.79	16.66	16.42	16.31	3	18	

LTE Band 42 Part2Q (Ant7)										
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dB)		
		Channel	Channel	Channel	Channel	Channel				
		Frequency (MHz)	2560	2560	2560	2560				
QPSK	10QAM	1	0	19.67	19.51	19.55	0	21		
		1	50	19.66	19.42	19.52	0	21		
		1	99	19.55	19.37	19.49	0	21		
		50	0	18.66	18.59	18.50	1	20		
		50	25	18.54	18.56	18.46	1	20		
		50	50	18.57	18.43	18.49	1	20		
		100	0	18.63	18.57	18.49	1	20		
		1	0	18.63	18.55	18.59	1	20		
		1	50	18.49	18.49	18.41	1	20		
		1	99	18.52	18.28	18.38	1	20		
15QAM	10QAM	50	0	17.64	17.46	17.40	2	19		
		50	25	17.61	17.57	17.47	2	19		
		50	50	17.48	17.40	17.44	2	19		
		100	0	17.56	17.46	17.47	2	19		
		1	0	17.53	17.33	17.37	2	19		
		1	50	17.12	17.12	17.02	2	19		
		1	99	17.03	17.05	17.01	2	19		
		50	0	16.62	16.48	16.40	3	18		
		50	25	16.49	16.51	16.47	3	18		
		50	50	16.53	16.39	16.31	3	18		
64QAM	10QAM	100	0	16.56	16.52	16.48	3	18		
		Channel	42315	42396	42353	42353	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.62	19.44	19.50	0	21		
		1	37	19.64	19.34	19.50	0	21		
		1	74	19.50	19.29	19.45	0	21		
		36	0	18.62	18.54	18.45	1	20		
		36	19	18.46	18.56	18.41	1	20		
		36	39	18.53	18.38	18.44	1	20		
		75	0	18.55	18.55	18.44	1	20		
15QAM	10QAM	1	0	18.56	18.50	18.57	1	20		
		1	37	18.41	18.41	18.36	1	20		
		1	74	18.56	18.20	18.38	1	20		
		36	0	17.46	17.40	17.32	2	19		
		36	19	17.56	17.40	17.41	2	19		
		36	39	17.41	17.35	17.42	2	19		
		75	0	17.53	17.38	17.42	2	19		
		1	0	17.14	17.08	17.15	2	19		
		1	37	17.04	17.04	16.99	2	19		
		1	74	16.96	17.04	16.98	2	19		
64QAM	10QAM	36	0	16.58	16.43	16.32	3	18		
		36	16	16.46	16.56	16.45	3	18		
		36	39	16.49	16.34	16.32	3	18		
		75	0	16.50	16.50	16.45	3	18		
		Channel	42346	42396	42396	42396	3	18		
		Frequency (MHz)	3466.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.58	19.41	19.47	0	21		
		1	49	19.51	19.32	19.48	0	21		
		25	0	18.60	18.57	18.48	1	20		
25	12	18.47	18.51	18.44	1	20				
25	25	18.49	18.41	18.44	1	20				
50	0	18.59	18.49	18.57	1	20				
15QAM	10QAM	50	0	18.50	18.49	18.41	1	20		
		1	24	18.43	18.47	18.35	1	20		
		1	49	18.45	18.23	18.36	1	20		
		25	0	17.48	17.29	17.35	2	19		
		25	12	17.54	17.52	17.45	2	19		
		25	25	17.40	17.38	17.45	2	19		
		50	0	17.53	17.38	17.46	2	19		
		1	0	17.17	17.08	17.09	2	19		
		1	24	17.04	17.11	17.00	2	19		
		1	49	16.99	17.00	16.93	2	19		
64QAM	10QAM	25	0	16.56	16.46	16.37	3	18		
		25	12	16.41	16.50	16.45	3	18		
		25	25	16.49	16.34	16.23	3	18		
		50	0	16.50	16.50	16.45	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.65	19.44	19.50	0	21		
		1	12	19.54	19.34	19.41	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.52	18.49	18.41	1	20		
12	13	18.51	18.33	18.47	1	20				
25	0	18.60	18.55	18.41	1	20				
1	0	18.56	18.47	18.53	1	20				
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09	17.07	17.00	2	19		
		1	24	17.01	16.98	16.96	2	19		
		64QAM	12	0	16.56	16.48	16.39	3	18	
		12	6	16.48	16.49	16.29	3	18		
12	13	16.48	16.33	16.25	3	18				
64QAM	10QAM	25	0	16.55	16.46	16.46	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.53	18.53	18.48	1	20		
		12	6	18.52	18.49	18.41	1	20		
		12	13	18.51	18.33	18.47	1	20		
		25	0	18.60	18.55	18.41	1	20		
		1	0	18.56	18.47	18.53	1	20		
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09	17.07	17.00	2	19		
		1	24	17.01	16.98	16.96	2	19		
		64QAM	12	0	16.56	16.48	16.39	3	18	
		12	6	16.48	16.49	16.29	3	18		
12	13	16.48	16.33	16.25	3	18				
64QAM	10QAM	25	0	16.55	16.46	16.46	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.53	18.53	18.48	1	20		
		12	6	18.52	18.49	18.41	1	20		
		12	13	18.51	18.33	18.47	1	20		
		25	0	18.60	18.55	18.41	1	20		
		1	0	18.56	18.47	18.53	1	20		
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09	17.07	17.00	2	19		
		1	24	17.01	16.98	16.96	2	19		
		64QAM	12	0	16.56	16.48	16.39	3	18	
		12	6	16.48	16.49	16.29	3	18		
12	13	16.48	16.33	16.25	3	18				
64QAM	10QAM	25	0	16.55	16.46	16.46	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.53	18.53	18.48	1	20		
		12	6	18.52	18.49	18.41	1	20		
		12	13	18.51	18.33	18.47	1	20		
		25	0	18.60	18.55	18.41	1	20		
		1	0	18.56	18.47	18.53	1	20		
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09	17.07	17.00	2	19		
		1	24	17.01	16.98	16.96	2	19		
		64QAM	12	0	16.56	16.48	16.39	3	18	
		12	6	16.48	16.49	16.29	3	18		
12	13	16.48	16.33	16.25	3	18				
64QAM	10QAM	25	0	16.55	16.46	16.46	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.53	18.53	18.48	1	20		
		12	6	18.52	18.49	18.41	1	20		
		12	13	18.51	18.33	18.47	1	20		
		25	0	18.60	18.55	18.41	1	20		
		1	0	18.56	18.47	18.53	1	20		
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09	17.07	17.00	2	19		
		1	24	17.01	16.98	16.96	2	19		
		64QAM	12	0	16.56	16.48	16.39	3	18	
		12	6	16.48	16.49	16.29	3	18		
12	13	16.48	16.33	16.25	3	18				
64QAM	10QAM	25	0	16.55	16.46	16.46	3	18		
		Channel	42315	42396	42365	42365	3	18		
		Frequency (MHz)	3452.5	3500	3647.5	3647.5	Max. Tune-up			
		1	0	19.63	19.46	19.50	0	21		
		1	24	19.47	19.33	19.44	0	21		
		12	0	18.53	18.53	18.48	1	20		
		12	6	18.52	18.49	18.41	1	20		
		12	13	18.51	18.33	18.47	1	20		
		25	0	18.60	18.55	18.41	1	20		
		1	0	18.56	18.47	18.53	1	20		
1	12	18.46	18.43	18.39	1	20				
15QAM	10QAM	1	24	18.50	18.21	18.33	1	20		
		12	0	17.48	17.38	17.38	2	19		
		12	6	17.59	17.49	17.46	2	19		
		12	13	17.40	17.39	17.39	2	19		
		25	0	17.57	17.37	17.46	2	19		
		25	0	17.13	17.09	17.12	2	19		
		25	12	17.09						

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	
	16QAM	1	0	19.16	19.12	19.15	1	20	
		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	
	64QAM	1	0	17.82	17.77	17.84	2	19	
		1	50	17.73	17.60	17.70	2	19	
		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	Max. Tune-up (MHz)	
		Channel			12072	12322			12572
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	
		100	0	19.14	19.20	19.05	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	18.46	19.10	2	19	
		50	25	18.49	18.51	19.10	2	19	
	16QAM	50	50	18.49	18.47	19.02	2	19	
		100	0	18.40	18.44	19.07	2	19	
		1	0	18.63	18.89	19.26	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	18.03	3	18	
		50	25	17.52	17.48	18.13	3	18	
		50	50	17.58	17.54	18.03	3	18	
		100	0	17.46	17.42	18.07	3	18	
		64QAM	Channel		12052	12322	12597	3GPP MPR	Max. Tune-up
			Frequency (MHz)		1717.5	1746	1777.5		
			1	0	19.83	20.03	20.42	0	21
1	37		19.83	19.97	20.57	0	21		
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		
1	37		19.45	19.53	20.07	1	20		
15M	QPSK		1	0	19.83	19.97	20.57	0	21
		1	24	19.83	19.94	20.58	0	21	
		1	49	19.94	20.04	20.58	0	21	
		25	0	19.07	19.16	19.77	1	20	
		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	
		25	0	18.39	18.53	19.08	2	19	
		25	12	18.47	18.43	18.97	2	19	
	16QAM	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	
		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	17.44	17.34	18.08	3	18	
		64QAM	Channel		12022	12322	12622	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	20.57	0	21
1	49		19.94	20.04	20.58	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		19.08	19.18	19.60	1	20		
1	0		19.32	19.56	20.08	1	20		
1	12		19.42	19.56	20.06	1	20		
10M	QPSK		1	0	19.84	19.98	20.43	0	21
		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	19.08	19.18	19.60	1	20	
		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	18.49	19.04	2	19	
	16QAM	12	13	18.42	18.42	19.00	2	19	
		25	0	18.34	18.37	19.04	2	19	
		1	0	18.75	18.84	19.26	2	19	
		1	12	18.63	18.71	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	
		12	13	17.34	17.49	17.95	3	18	
		25	0	17.40	17.40	18.04	3	18	
		64QAM	Channel		12107	12322	12647	3GPP MPR	Max. Tune-up
			Frequency (MHz)		1715.5	1745	1775.5		
			1	0	19.84	19.98	20.43	0	21
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		19.08	19.18	19.60	1	20		
1	0		19.32	19.56	20.08	1	20		
1	12		19.42	19.56	20.06	1	20		
5M	QPSK		1	0	19.83	19.97	20.57	0	21
		1	14	19.94	20.01	20.61	0	21	
		8	0	19.09	19.18	19.76	1	20	
		8	3	19.08	19.30	19.68	1	20	
		8	7	19.11	19.28	19.78	1	20	
		15	0	19.08	19.18	19.62	1	20	
		1	0	19.27	19.53	20.09	1	20	
		1	7	19.42	19.54	20.06	1	20	
		1	14	19.59	19.52	20.21	1	20	
		8	0	18.44	18.56	19.02	2	19	
		8	3	18.43	18.48	19.06	2	19	
		8	7	18.47	18.40	18.97	2	19	
	16QAM	15	0	18.34	18.36	19.05	2	19	
		1	0	18.82	18.87	19.20	2	19	
		1	7	18.64	18.65	19.22	2	19	
		1	14	18.75	18.74	19.30	2	19	
		8	0	17.51	17.59	18.07	3	18	
		8	3	17.50	17.40	18.12	3	18	
		8	7	17.37	17.53	17.99	3	18	
		15	0	17.43	17.41	18.01	3	18	
		64QAM	Channel		121979	12322	126865	3GPP MPR	Max. Tune-up
			Frequency (MHz)		1715.7	1746	1779.3		
			1	0	19.81	20.01	20.42	0	21
			1	2	19.87	19.96	20.57	0	21
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		
1	2		19.46	19.50	20.09	1	20		
1	5		19.57	19.50	20.22	1	20		
3M	QPSK	3	0	19.41	19.56	20.05	1	20	
		3	1	19.41	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	
		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	
		6	0	17.42	17.37	18.02	3	18	
		16QAM	Channel		121979	12322	126865	3GPP MPR	Max. Tune-up
	Frequency (MHz)		1715.7	1746	1779.3				
	1		0	19.81	20.01	20.42	0	21	
	1		2	19.87	19.96	20.57	0	21	
	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	
	1		2	19.46	19.50	20.09	1	20	
	1		5	19.57	19.50	20.22	1	20	

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	Offset	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
					(MHz)								(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 Pw2 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 Pw2 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 P1/2 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 P1/2 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		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	
GSM	GSM850	Right Cheek at 0mm		0.416	0.036	0.133	0.243	0.293	0.130	0.308	0.001	0.006	0.552	0.841	0.669	0.709	0.527	0.724	0.715	0.532	0.730																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Right Throat at 0mm		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	0.589	0.560	0.299	0.585																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Left Cheek at 0mm		0.318	0.071	0.389	0.389	0.302	0.234	0.374	0.006	0.020	0.622	0.987	0.906	0.706	0.625	0.567	0.606	0.640	0.572	0.712																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Left Throat at 0mm		0.208	0.078	0.250	0.415	0.366	0.138	0.376	0.010	0.020	0.423	0.583	0.624	0.623	0.583	0.356	0.593	0.594	0.366	0.603																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
GSM1900		Right Cheek at 0mm		1.006	0.028	0.133	0.243	0.293	0.110	0.308	0.001	0.006	1.342	1.432	1.249	1.300	1.117	1.314	1.305	1.123	1.320																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Right Throat at 0mm		0.897	0.032	0.116	0.249	0.347	0.087	0.353	0.001	0.007	0.616	1.180	0.946	1.094	0.706	1.040	1.095	0.796	1.067																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Left Cheek at 0mm		0.273	0.071	0.319	0.389	0.302	0.234	0.374	0.006	0.020	0.303	0.603	0.465	0.553	0.314	0.606	0.594	0.367	0.603																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Simultaneous Transmission analysis Body SAR

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	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 Ant S 1g SAR (W/kg)	2.4GHz WLAN Ant B13 1g SAR (W/kg)	2.4GHz WLAN Ant B19 1g SAR (W/kg)	5GHz WLAN Ant S 1g SAR (W/kg)	5GHz WLAN Ant S 1g SAR (W/kg)	5GHz WLAN Ant B19 1g SAR (W/kg)	Bluetooth Ant S 1g SAR (W/kg)	BLE Ant B 1g SAR (W/kg)	Bluetooth Ant S 1g SAR (W/kg)	BLE Ant B 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	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	0.514
	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	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	0.556
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	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	0.390
	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	0.119
		Back at 15mm -	0.099	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	0.333
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	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	0.513
	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	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	0.553
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	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	0.643	0.659	0.738	0.659	0.665	0.744
	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	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	0.463
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	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	0.516
	LTE Band 25 / 26	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	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	0.472
LTE	LTE Band 25 / 2	Front 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	0.756
		Back 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	0.318
	LTE Band 26	Front 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	0.498
		Back 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	0.230
LTE	LTE Band 30	Front 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	0.571
		Back 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	0.295
	LTE Band 41 / 38	Front 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	0.675
		Back 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	0.265
LTE	LTE Band 43 (FDD)	Front 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	0.527
		Back 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	0.237
	LTE Band 46 / 42	Front 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	0.505
		Back 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	0.466
LTE	LTE Band 66 / 4	Front 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	0.694
		Back 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	0.280
	LTE Band 71	Front 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	0.462
		Back at 15mm -	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.354	0.432	0.372	0.347	0.334	0.334	0.347	0.334	0.334
NR	NR Band n5	Front 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	0.498
		Back 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	0.481
	NR Band n7	Front 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	1.094
		Back 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	0.332
NR	NR Band n12	Front 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	0.506
		Back 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	0.452
	NR Band n25 / 2	Front 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	0.740
		Back 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	0.283
NR	NR Band n30	Front at 15mm -	0.385	0.136	0.136	0.353	0.157	0.164	0.242	0.016	0.032	0.665	0.658	0.718	0.538	0.545	0.623	0.554	0.561	0.639
		Back 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	0.224
	NR Band n41 r38	Front 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	0.561
		Back 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	0.208
NR	NR Band n48	Front 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	0.346	0.424
		Back 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	0.245
	NR Band n65	Front 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	0.610
		Back 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	0.335
NR	NR Band n71	Front 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	0.488
		Back 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	0.188
	NR Band n77 r38	Front 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	0.428
		Back at 15mm -																		

Simultaneous Transmission analysis Hotspot 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+4		1+3+5		1+4		1+5+8		1+6+8		1+7+8		1+9+9		1+10+9		1+11+9		1+12+9			
		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)		15 SAR (W/kg)	
WLAN Band	Front at 10mm	0.788	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	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
	Back at 10mm	0.788	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	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
	Left side at 10mm	0.788	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	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
	Right side at 10mm	0.788	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	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
	Top side at 10mm	0.788	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	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
	Bottom side at 10mm	0.788	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	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	0.788	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	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
	Back at 10mm	0.788	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	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
	Left side at 10mm	0.788																																							

Simultaneous Transmission analysis Hotspot SAR

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 8 1g SAR (W/kg)	3 2.4GHz WLAN Ant 9 1g SAR (W/kg)	4 2.4GHz WLAN Ant 8+9 1g SAR (W/kg)	5 5GHz WLAN Ant 8 1g SAR (W/kg)	6 5GHz WLAN Ant 9 1g SAR (W/kg)	7 5GHz WLAN Ant 8+9 1g SAR (W/kg)	8 Bluetooth Ant 8 1g SAR (W/kg)	9 BLE Ant 8+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+6+9 Summed 1g SAR (W/kg)	1+7+9 Summed 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	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.143	0.209	0.221	0.194	0.058	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 -	0.260	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.364	0.475	0.433	0.362	0.309	0.344	0.370	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	0.650	0.728	0.415	0.402	0.423	0.445	0.432	0.452
		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	0.134	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	1.005	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	0.692	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	0.499	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	0.515	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	1.012	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 -	0.207	0.093	0.103	0.221	0.186	0.050	0.176	0.007	0.020	0.540	0.685	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	0.134	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 -	0.231	0.046	0.114	0.173	0.101	0.048	0.083	0.001	0.009	0.325	0.446	0.404	0.332	0.280	0.315	0.340	0.288	0.323	
	Back at 10mm -	0.238	0.238	0.262	0.503	0.163	0.150	0.170	0.027	0.057	0.617	0.654	0.721	0.419	0.406	0.426	0.449	0.436	0.455	
	Left side at 10mm -	0.420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.420	0.420	0.420	0.420	0.420	0.420	0.420	0.420	0.420	
	Right side at 10mm -	0.125	0.052	0.085	0.140	0.057	0.076	0.068	0.002	0.018	0.2									

WWAN Band	Exposure Position	1 LTE 15.546 (MHz)	2 181 15.546 (MHz)	3 181 15.546 (MHz)	4 24.425 15.546 (MHz)	5 24.425 15.546 (MHz)	6 24.425 15.546 (MHz)	7 24.425 15.546 (MHz)	8 24.425 15.546 (MHz)	9 24.425 15.546 (MHz)	10 24.425 15.546 (MHz)	11 24.425 15.546 (MHz)	12 24.425 15.546 (MHz)	13-17 Summed Ag. SAR (W/kg)	14-16 Summed Ag. SAR (W/kg)	15 Summed Ag. SAR (W/kg)	16-19 Summed Ag. SAR (W/kg)	20-29 Summed Ag. SAR (W/kg)	30-39 Summed Ag. SAR (W/kg)	40-49 Summed Ag. SAR (W/kg)	50-59 Summed Ag. SAR (W/kg)	60-69 Summed Ag. SAR (W/kg)	70-79 Summed Ag. SAR (W/kg)	80-89 Summed Ag. SAR (W/kg)	90-99 Summed Ag. SAR (W/kg)
LTE Band 5	Right Cheek at 0cm	0.335	0.404	0.036	0.133	0.243	0.220	0.110	0.308	0.001	0.000	0.945	1.230	1.002	1.103	0.920	1.117	1.108	0.926	1.123					
	Right Throat at 0cm	0.434	0.434	0.036	0.133	0.243	0.220	0.110	0.308	0.001	0.000	0.945	1.230	1.002	1.103	0.920	1.117	1.108	0.926	1.123					
	Left Cheek at 0cm	0.277	0.322	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.945	1.230	0.989	0.957	0.939	0.875	0.951	0.851	0.955					
LTE Band 7	Right Cheek at 0cm	0.183	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.533	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	1.183	1.482	1.270	1.331	1.138	1.335	1.326	1.144	1.341					
	Left Cheek at 0cm	0.589	0.434	0.032	0.133	0.243	0.220	0.110	0.308	0.001	0.007	1.122	1.486	1.282	1.393	1.099	1.298	1.287	1.096	1.293					
LTE Band 12	Right Cheek at 0cm	0.183	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.418	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.941	1.341	1.184	1.351	1.072	1.110	1.111	0.883	1.120					
	Left Cheek at 0cm	0.579	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.989	1.188	1.058	1.066	0.884	1.061	1.072	0.889	1.087					
NR Band 42	Right Cheek at 0cm	0.132	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.885	1.029	0.815	0.914	0.653	0.910	0.900	0.659	0.920					
	Right Throat at 0cm	0.236	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.945	1.230	1.002	1.103	0.920	1.117	1.108	0.926	1.123					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 13	Right Cheek at 0cm	0.336	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.966	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
	Right Throat at 0cm	0.168	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.721	1.066	0.881	0.990	0.689	0.955	0.957	0.696	0.962					
	Left Cheek at 0cm	0.525	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.942	1.266	1.002	1.099	0.687	1.017	0.889	0.881	1.051					
LTE Band 14	Right Cheek at 0cm	0.307	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.317	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.947	1.237	1.054	1.105	0.922	1.119	1.110	0.928	1.125					
	Left Cheek at 0cm	0.182	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.718	1.060	0.846	0.946	0.650	0.901	0.906	0.651	0.906					
LTE Band 68	Right Cheek at 0cm	0.273	0.322	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.989	1.215	0.963	0.992	0.834	0.974	0.917	0.849	0.989					
	Right Throat at 0cm	0.179	0.507	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.791	1.203	0.981	0.981	0.813	0.971	0.872	0.684	0.981					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 71	Right Cheek at 0cm	0.388	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.942	1.286	1.072	1.170	0.910	1.176	1.177	0.916	1.183					
	Right Throat at 0cm	0.243	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.869	1.185	0.853	0.872	0.804	0.944	0.887	0.819	0.959					
	Left Cheek at 0cm	0.513	0.507	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.728	1.136	0.895	0.896	0.688	0.905	0.866	0.678	0.915					
LTE Band 75	Right Cheek at 0cm	0.233	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.842	1.060	0.846	0.946	0.653	0.910	0.900	0.659	0.920					
	Right Throat at 0cm	0.145	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.688	1.043	0.825	0.927	0.646	0.933	0.934	0.673	0.939					
	Left Cheek at 0cm	0.230	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.867	1.173	0.941	0.960	0.792	0.922	0.874	0.696	0.946					
LTE Band 2	Right Cheek at 0cm	0.145	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.538	0.506	0.028	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.968	1.288	0.887	0.928	0.600	0.927	0.836	0.610	0.847					
	Left Cheek at 0cm	0.538	0.506	0.028	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.968	1.288	0.887	0.928	0.600	0.927	0.836	0.610	0.847					
LTE Band 7	Right Cheek at 0cm	0.183	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.418	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.941	1.341	1.184	1.351	1.072	1.110	1.111	0.883	1.120					
	Left Cheek at 0cm	0.579	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.989	1.188	1.058	1.066	0.884	1.061	1.072	0.889	1.087					
NR Band 46	Right Cheek at 0cm	0.132	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.885	1.029	0.815	0.914	0.653	0.910	0.900	0.659	0.920					
	Right Throat at 0cm	0.236	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.945	1.230	1.002	1.103	0.920	1.117	1.108	0.926	1.123					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 68	Right Cheek at 0cm	0.273	0.322	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.989	1.215	0.963	0.992	0.834	0.974	0.917	0.849	0.989					
	Right Throat at 0cm	0.179	0.507	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.791	1.203	0.981	0.981	0.813	0.971	0.872	0.684	0.981					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 71	Right Cheek at 0cm	0.388	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.942	1.286	1.072	1.170	0.910	1.176	1.177	0.916	1.183					
	Right Throat at 0cm	0.243	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.869	1.185	0.853	0.872	0.804	0.944	0.887	0.819	0.959					
	Left Cheek at 0cm	0.513	0.507	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.728	1.136	0.895	0.896	0.688	0.905	0.866	0.678	0.915					
LTE Band 2	Right Cheek at 0cm	0.183	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.686	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846					
	Right Throat at 0cm	0.418	0.307	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.941	1.341	1.184	1.351	1.072	1.110	1.111	0.883	1.120					
	Left Cheek at 0cm	0.579	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.989	1.188	1.058	1.066	0.884	1.061	1.072	0.889	1.087					
NR Band 46	Right Cheek at 0cm	0.132	0.434	0.032	0.116	0.249	0.347	0.087	0.363	0.001	0.007	0.885	1.029	0.815	0.914	0.653	0.910	0.900	0.659	0.920					
	Right Throat at 0cm	0.236	0.522	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.945	1.230	1.002	1.103	0.920	1.117	1.108	0.926	1.123					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 68	Right Cheek at 0cm	0.273	0.322	0.077	0.133	0.389	0.389	0.234	0.274	0.000	0.000	0.989	1.215	0.963	0.992	0.834	0.974	0.917	0.849	0.989					
	Right Throat at 0cm	0.179	0.507	0.078	0.250	0.415	0.386	0.138	0.375	0.000	0.000	0.791	1.203	0.981	0.981	0.813	0.971	0.872	0.684	0.981					
	Left Cheek at 0cm	0.449	0.484	0.026	0.133	0.243	0.220	0.110	0.308	0.001	0.006	0.986	1.256	1.075	1.214	0.941	1.138	1.129	0.946	1.144					
LTE Band 71	Right Cheek at 0cm	0.																							

[illegible]

Simultaneous Transmission analysis Body SAR(EN-DC)

WW/e Band		Exposure Position	1E	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
			LTE	NR	2.4GHz WLAN	4.4GHz WLAN	5.4GHz WLAN	5.8GHz WLAN	5.9GHz WLAN	6.0GHz WLAN	Blumofen	BLE	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	1200Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
NR Band n2	LTE Band 5	Front at 15mm	0.240	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.692	0.770	0.731	0.706	0.692	0.692	0.706	0.692	0.692	0.706	0.692	0.692	0.706	0.692	0.692	0.706	0.692	0.692	0.706	
		Back at 15mm	0.279	0.466	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.044	1.038	1.097	0.918	0.925	1.003	0.934	0.941	1.039	0.941	0.941	1.039	0.941	0.941	1.039	0.941	0.941	1.039	0.941	
		Right at 15mm	0.170	0.269	0.000	0.000	0.112	0.086	0.073	0.073	0.000	0.000	0.692	0.760	0.721	0.696	0.696	0.696	0.696	0.696	0.696	0.706	0.696	0.696	0.706	0.696	0.696	0.706	0.696	0.696	0.706	0.696
	LTE Band 7	Front at 15mm	0.473	0.468	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.126	1.129	1.198	1.108	1.116	1.126	1.129	1.126	1.129	1.126	1.129	1.126	1.129	1.126	1.129	1.126	1.129	1.126	1.129	1.126
		Back at 15mm	0.363	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.763	0.831	0.792	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	
		Right at 15mm	0.188	0.466	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.964	0.947	1.007	0.828	0.834	0.913	0.843	0.843	0.909	0.843	0.843	0.909	0.843	0.843	0.909	0.843	0.843	0.909	0.843	
	LTE Band 12	Front at 15mm	0.312	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.765	0.843	0.803	0.778	0.765	0.765	0.778	0.765	0.765	0.778	0.765	0.765	0.778	0.765	0.765	0.778	0.765	0.765	0.778	0.765
		Back at 15mm	0.242	0.466	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.007	1.000	1.060	0.881	0.888	0.968	0.898	0.898	0.968	0.898	0.898	0.968	0.898	0.898	0.968	0.898	0.898	0.968	0.898	
		Right at 15mm	0.274	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.765	0.831	0.792	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763	0.763	0.767	0.763
	LTE Band 14	Front at 15mm	0.197	0.466	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.963	0.956	1.016	0.836	0.843	0.922	0.852	0.852	0.959	0.852	0.852	0.959	0.852	0.852	0.959	0.852	0.852	0.959	0.852	
		Back at 15mm	0.393	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.845	0.923	0.884	0.859	0.845	0.845	0.859	0.845	0.845	0.859	0.845	0.845	0.859	0.845	0.845	0.859	0.845	0.845	0.859	0.845
		Right at 15mm	0.206	0.379	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.680	0.738	0.699	0.674	0.660	0.680	0.674	0.660	0.680	0.674	0.660	0.680	0.674	0.660	0.680	0.674	0.660	0.680	0.674	
	LTE Band 66	Front at 15mm	0.188	0.466	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.954	0.947	1.007	0.827	0.834	0.912	0.843	0.843	0.909	0.843	0.843	0.909	0.843	0.843	0.909	0.843	0.843	0.909	0.843	
		Back at 15mm	0.290	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.752	0.801	0.762	0.757	0.752	0.752	0.757	0.752	0.752	0.757	0.752	0.752	0.757	0.752	0.752	0.757	0.752	0.752	0.757	
		Right at 15mm	0.482	0.223	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.005	0.999	1.058	0.879	0.886	0.964	0.895	0.895	0.962	0.895	0.895	0.962	0.895	0.895	0.962	0.895	0.895	0.962	0.895	
NR Band n5	LTE Band 7	Front at 15mm	0.230	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.563	0.642	0.602	0.577	0.563	0.563	0.577	0.563	0.563	0.577	0.563	0.563	0.577	0.563	0.563	0.577	0.563	0.563	0.577	
		Back at 15mm	0.470	0.223	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.993	0.986	1.046	0.866	0.873	0.951	0.882	0.882	0.989	0.882	0.882	0.989	0.882	0.882	0.989	0.882	0.882	0.989	0.882	
		Right at 15mm	0.184	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.488	0.576	0.536	0.511	0.498	0.498	0.511	0.498	0.498	0.511	0.498	0.498	0.511	0.498	0.498	0.511	0.498	0.498	0.511	
	LTE Band 48	Front at 15mm	0.231	0.223	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.754	0.747	0.807	0.627	0.634	0.713	0.641	0.641	0.699	0.641	0.641	0.699	0.641	0.641	0.699	0.641	0.641	0.699	0.641	
		Back at 15mm	0.200	0.261	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.727	0.805	0.765	0.740	0.727	0.727	0.740	0.727	0.727	0.740	0.727	0.727	0.740	0.727	0.727	0.740	0.727	0.727	0.740	
		Right at 15mm	0.420	0.223	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	0.943	0.936	0.996	0.816	0.823	0.902	0.832	0.832	0.939	0.832	0.832	0.939	0.832	0.832	0.939	0.832	0.832	0.939	0.832	
	LTE Band 2	Front at 15mm	0.390	0.400	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.871	0.949	0.910	0.885	0.871	0.871	0.885	0.871	0.871	0.885	0.871	0.871	0.885	0.871	0.871	0.885	0.871	0.871	0.885	
		Back at 15mm	0.482	0.720	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.502	1.495	1.555	1.375	1.382	1.460	1.391	1.398	1.476	1.391	1.398	1.476	1.391	1.398	1.476	1.391	1.398	1.476	1.391	
		Right at 15mm	0.240	0.400	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.721	0.799	0.760	0.735	0.721	0.721	0.735	0.721	0.721	0.735	0.721	0.721	0.735	0.721	0.721	0.735	0.721	0.721	0.735	
	LTE Band 5	Front at 15mm	0.720	0.270	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.206	1.202	1.251	1.172	1.179	1.251	1.179	1.179	1.251	1.179	1.179	1.251	1.179	1.179	1.251	1.179	1.179	1.251	1.179	
		Back at 15mm	0.363	0.400	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.792	0.860	0.821	0.796	0.792	0.792	0.796	0.792	0.792	0.796	0.792	0.792	0.796	0.792	0.792	0.796	0.792	0.792	0.796	
		Right at 15mm	0.188	0.720	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.008	1.201	1.261	1.082	1.088	1.167	1.097	1.104	1.183	1.097	1.104	1.183	1.097	1.104	1.183	1.097	1.104	1.183	1.097	
	LTE Band 13	Front at 15mm	0.312	0.400	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.794	0.872	0.833	0.808	0.794	0.794	0.808	0.794	0.794	0.808	0.794	0.794	0.808	0.794	0.794	0.808	0.794	0.794	0.808	
		Back at 15mm	0.242	0.720	0.136	0.136	0.353	0.157	0.154	0.242	0.016	0.032	1.261	1.254	1.314	1.134	1.142	1.220	1.150	1.157	1.236	1.150	1.157	1.236	1.150	1.157	1.236	1.150	1.157	1.236	1.150	
		Right at 15mm	0.260	0.400	0.000	0.065	0.112	0.086	0.073	0.073	0.000	0.000	0.874	0.953	0.913	0.888	0.874															

WWN Band	Direction Position	1		2		3		4		5		6		7		8		Blowdown		BLE		1+2+3+7		1+2+6+8		1+2+5		1+2+6+9		1+2+7+9		1+2+6+9		1+2+6+10		1+2+7+10		1+2+6+10	
		LTE	NR	LTE	NR	LTE	NR	LTE	NR	LTE	NR	LTE	NR	LTE	NR	LTE	NR	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE	Blowdown	BLE
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 5	Front at 10mm	0.465	0.385	0.465	0.385	0.465	0.385	0.465	0.385	0.465	0.385	0.465	0.385	0.465	0.385	0.465	0.385	0.001	0.009	0.001	0.009	0.944	1.965	1.923	0.952	0.899	0.934	0.960	0.907	0.942									
	Back at 10mm	0.360	0.468	0.238	0.262	0.503	0.183	0.130	0.170	0.027	0.057	1.217	1.254	1.331	1.019	1.006	1.028	1.049	1.035	1.055																			
	Left side at 10mm	0.117	0.171	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	0.155	0.000	0.052	0.085	0.140	0.057	0.078	0.068	0.002	0.018	0.285	0.288	0.296	0.215	0.236	0.225	0.239	0.251	0.241																			
	Top side at 10mm	0.000	0.340	0.000	0.003	0.020	0.121	0.188	0.000	0.176	0.007	0.000	0.483	0.429	0.491	0.534	0.238	0.524	0.548	0.410	0.537																		
	Bottom side at 10mm	0.000	0.353	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.253	0.253	0.253	0.253	0.253	0.253	0.253	0.253	0.253																			
	Front at 10mm	0.358	0.385	0.046	0.114	0.173	0.101	0.048	0.003	0.001	0.009	0.938	0.968	0.938	0.945	0.793	0.828	0.853	0.801	0.838																			
	Back at 10mm	0.055	0.468	0.238	0.262	0.503	0.183	0.130	0.170	0.027	0.057	1.212	1.449	1.328	1.214	1.201	1.221	1.243	1.230	1.250																			
	Left side at 10mm	0.218	0.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388																			
	Right side at 10mm	0.000	0.000	0.052	0.085	0.140	0.057	0.078	0.068	0.002	0.018	0.283	0.143	0.148	0.060	0.000	0.000	0.070	0.075	0.096	0.085																		
LTE Band 7	Front at 10mm	0.534	0.340	0.000	0.003	0.176	0.101	0.048	0.003	0.009	1.437	1.437	1.437	1.437	1.437	1.437	1.437	1.437	1.437	1.437																			
	Back at 10mm	0.000	0.238	0.262	0.																																		

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

	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																																																																																																																																																																																															
Equipment 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

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

WV	WV Band	Exposure Position	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	
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Appendix F. Photographs of EUT and Setup